



QAD Enterprise Applications  
Enterprise Edition

# Technical Reference Entity Diagrams

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# Entity Diagrams Change Summary

The following table summarizes significant differences between this document and previous versions.

| Date/Version   | Description   | Reference  |
|--|---|--|
| March 2016/v2016 EE                                  | Added new diagram: Serialization - Label Format           | page 111   |
|  | Added new diagram: Serialization - Packaging Structure    | page 112   |
|  | Added new diagram: Serialization - Serial Range           | page 113   |
|  | Added new diagram: Serialization - Setup                  | page 114   |
|  | Added new diagram: Serialization - Shipping History       | page 115   |
|  | Added new diagram: Serialization - Transaction Data       | page 116   |
|  | Added new diagram: Serialization - Transaction History    | page 117   |
|  | Added new diagram: Days On Hand                           | page 29  |
|  | Added new diagram: Supplier Network and Network Bill      | page 144   |
|  | Added new diagram: Entity FDS Restrictions                | page 259   |
|  | Added new diagram: KPI                                    | page 273   |
|  | Added new diagram: Layer Transfer                         | page 275   |
|  | August 2015/v2015 EE                                      | Added new diagram: IAQ - Attribute Value History |
| Added new diagram: IAQ - Attribute Values            |   | page 50  |
| Added new diagram: IAQ - Attributes Business Service |   | page 51  |
| Added new diagram: IAQ - Certificate of Analysis     |   | page 52  |
| Added new diagram: IAQ - Item Attribute Profiles     |   | page 53  |
| Added new diagram: IAQ - Quality Orders              |   | page 54  |
| Added new diagram: IAQ - Quality Setup               |   | page 55  |
| March 2015/v2015 EE                                  | Modified diagram: Financials vs Operations Replication I  | page 266   |
|  | Modified diagram: Financials vs Operations Replication II | page 267   |
|  | Modified diagram: Posting II                              | page 281   |
| March 2014/v2014 EE                                  | Added new diagram: Bank Charges                           | page 220   |
|  | Added new diagram: Billing                                | page 222   |
|  | Added new diagram: TPM Deductions I                       | page 306   |
|  | Added new diagram: TPM Deductions II                      | page 307   |
| Dec 2013/v2013.1 EE (rev1)                           | Added Relations to all Financial Diagrams                 | --   |
|  | Added txz_mstr, txcl_mstr, txu_mster to Address           | --   |
|  | Master Business Relations renamed Business Relations II   | --   |
|  | Master Account renamed GL Account                         | --   |

| Date/Version              | Description   | Reference |
|---------------------------|---|-----------|
| September 2013/v2013.1 EE | Added new diagram: MSW/PSW                                      | page 75   |
|                           | Modified diagram: Repetitive Scheduling (added cross-reference) | page 97   |
| March 2013/v2013 EE       | Added new diagram: Retrobilling                                 | page 99   |
|                           | Added new diagram: Accounting Period                            | page 210  |
|                           | Added FRW Chart to Budgets II                                   | page 224  |
|                           | Added new diagram: Budget Flow                                  | page 227  |
|                           | Added new diagram: Financials vs Operations Replication I       | page 266  |
|                           | Added new diagram: Financials vs Operations Replication II      | page 267  |
|                           | Added Currency to GL Open Item                                  | page 268  |
|                           | Added FRWTreeView to Financial Report Writer II                 | page 263  |
|                           | Added Currency, FRWBuildLog, Company to FRW III                 | page 264  |
|                           | Added Company Property to Business Relations II                 | page 232  |
|                           | Added GLConsolidCy to GL Account II                             | page 268  |
|                           | Added OIAdjustLn in Withholding Tax I                           | page 308  |
| September 2012/v2012.1 EE | Rebranded for QAD 2012.1 EE                                     | --        |
| March 2012/v2012 EE       | Modified diagram: AP Matching Detail II                         | page 214  |
|                           | Added new diagram: Financial Report Writer I                    | page 262  |
|                           | Added new diagram: Financial Report Writer II                   | page 263  |
|                           | Added new diagram: Financial Report Writer III                  | page 264  |
|                           | Added new diagram: Financial Report Writer IV                   | page 265  |
|                           | Added new diagram: TPM Deductions                               | page 306  |
|                           | Modified diagram: Withholding Taxes I                           | page 308  |
|                           | Modified diagram: Withholding Taxes II                          | page 309  |
| September 2011/v2011.1 EE | Rebranded for QAD 2011.1 EE                                     | --        |

# Diagram Conventions

This chapter explains the diagram conventions used in this volume.

***Introduction*** 2

***How to Use the Diagrams*** 3

## Introduction

This guide details major relationships between tables in a QAD Enterprise Edition database. These diagrams are designed to help:

- Programmers interested in customizing or modifying the standard system. The diagrams show relationships that must be preserved in any customization or modification.
- Programmers writing queries or custom reports. The diagrams show which tables can be joined and the field specifications required to make them join. Note that all possible table relationships are not shown, just the major ones.
- Administrators interested in the availability of custom reports. The diagrams show which reports you can prepare.
- Users of Progress Results who want to determine the relationships available for reporting.

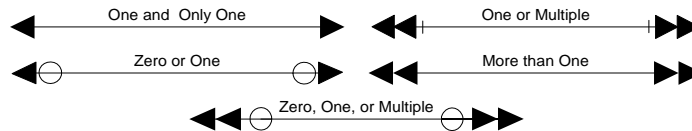
These diagrams are meant to be used in conjunction with *QAD Database Definitions Technical Reference*, which is available separately.

## Entity Relationship Diagrams

In a relational database, each table is a self-contained collection of data about a single thing (or *entity*). There are five relationship line identifiers that can be combined to distinguish 15 specific entity relationships.

The five relationship lines are displayed in Figure 1.1

**Fig. 1.1**  
Table Relationship Description



Relationships are identified by using the lines, as shown in Figure 1.2.

**Fig. 1.2**  
Table Relationship Description

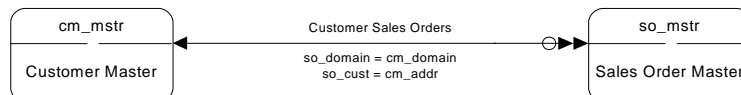


A bar symbol (|) indicates an OR relationship when more than one field can be used for joining.

## Relationship Examples

Figure 1.3 shows that one customer can have zero or more sales orders and that one sales order has one and only one customer.

**Fig. 1.3**  
cm\_mstr to so\_mstr Relationship Example

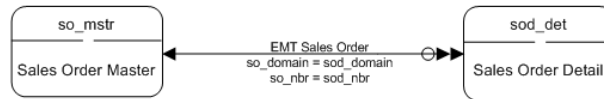


To join these two tables within Progress, you would set so\_cust equal to cm\_addr or vice versa.

```
FOR EACH cm_mstr EACH so_mstr WHERE so_domain = cm_domain AND cm_addr = so_cust:
  DISPLAY cm_addr so_nbr.
END.
```

Figure 1.4 shows that one EMT sales order can have zero or more sales order details and that one sales order detail has one and only one EMT sales order.

**Fig. 1.4**  
so\_mstr to sod\_det Relationship Example



To join these two tables within Progress, set so\_nbr to sod\_nbr.

```
FOR EACH so_mstr EACH sod_det WHERE so_domain = sod_domain AND so_nbr = sod_nbr:
  DISPLAY so_nbr and sod_nbr.
END.
```

## How to Use the Diagrams

The diagrams are organized alphabetically by functional modules. The most practical way to find information about a particular area is to turn to the diagram for that area. Find the entity (table) that you are interested in and trace out the relationships.

Not all relationships are shown in any one diagram; if you are interested in the other relationships, use the cross-reference table to find the other diagrams the tables appear in “Entity Cross-Reference” on page 172.

When creating a report or browse, use the entity relationship diagrams to decide which table names you should use (and the join relationships). If no relationship exists between two tables, a report showing such a relationship is not possible.

For Progress Results users, these diagrams indicate the relationships that you can show. Progress Results shows the names of tables that have relationships with a specified table. These diagrams show those tables in graphic form and show the subsidiary relationships between tables.

## Operational Tables

QAD table names and table name description are closely related. The table name consists of a prefix and type, separated by an underscore (\_). Common table types are listed in Table 1.1.

**Table 1.1**  
Database Table Types

| Table Type | Meaning      | Description  |
|------------|--------------|--|
| ctrl       | Control      | Parameters and logical fields that control other functions.  |
| mstr       | Master Table | Used for data storage.   |
| det        | Detail Table | Detail related to another record. There are typically many detail records associated with one master record. |

## 4 QAD Entity Diagrams Technical Reference

| Table Type | Meaning        | Description   |
|------------|----------------|---|
| hist       | History Table  | Contains records created by activity within the database. |
| plan       | Planning Table | Data for planning functions.                              |
| wkfl       | Work Table     | Used to support other functions.                          |

In the typical case, the table prefix consists of two or three significant letters of the table name description.

**Example** The table name for sales order master is so\_mstr, and po\_mstr is the table name for purchase order master.

In most cases, the first letter of the table name is the first letter of the description; the few exceptions involve tables such as line changeover master, which is chg\_mstr.

Detail tables related to master data typically have the same prefix with the addition of the letter d.

**Example** The detail table associated with so\_mstr is sod\_det.

Within a table, all the data elements use the same prefix.

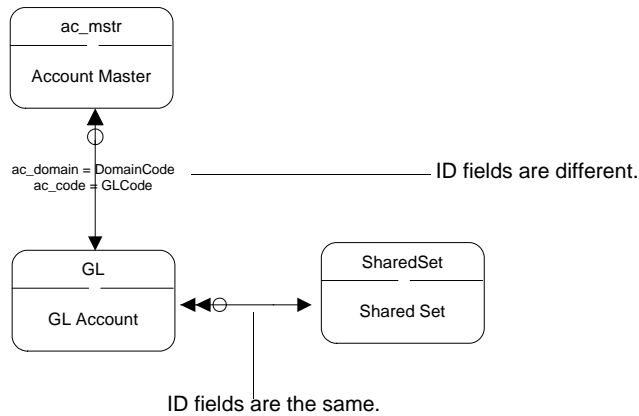
**Example** The repetitive production schedule (rps\_mstr) table includes fields named rps\_part and rps\_record.

### Financial Tables

Financial table relationships differ slightly from operational table relationships. In financial entity diagrams:

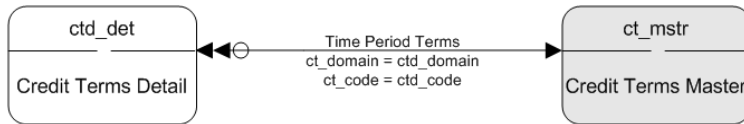
- The key to most relationships between financial tables is an ID field. In most cases, the ID field is the same for both tables. When they are the same, the ID field is not included in the financial entity diagrams. When the ID field is not the same, it is included; see Figure 1.5 on page 5.
- Some relationships show multiple arrows. This indicates that multiple fields are linked between the tables. For example, the Year End Close diagram has four arrows between the YearClosing and GL tables. This is because the YearClosing table contains four fields that are GL accounts and point to the GL Account table; see “Year End Close” on page 310.
- Some diagrams depict Q-variant tables that hold temporary data. The dotted-line tables have names that start with the letter Q; for example, QPostingLine. Typically, the records in the Q tables are created when certain actions or transactions occur, then the system transfers the data to other permanent tables and deletes the data in the temporary Q tables.
- Some diagrams include a line without arrows that indicates an indirect relationship for retrieving the domain code for certain types of data. This occurs when financial data that is specific to a shared set is also stored in operational tables that are domain specific. For example, data stored in the journal table is based on shared sets. Data in the corresponding operational daybook table (dy\_mstr) is based on domains. To determine the applicable domain for a particular daybook, the system references the information stored in the DomainSharedSet table. See “Daybook” on page 253.

**Fig. 1.5**  
Financial Diagrams Differences, ID Fields



## Replicated Tables

To improve system performance and provide efficiency for data retrieval, some data is stored in duplicate tables in the database. In these cases, the data is created and maintained in one primary table and then copied to a secondary table for use by other functions in the system. When a diagram references a secondary table, the secondary table appears with a shaded background to indicate that it stores data that is actively maintained in a different table.



Most of these replicated tables contain data that is maintained in Financial modules.



# Operational Table Relationships

This section includes entity diagrams and cross-reference information for operational modules.

***Operational Entity Diagrams*** 9

***Table/Diagram Cross-Reference (Operational)*** 171

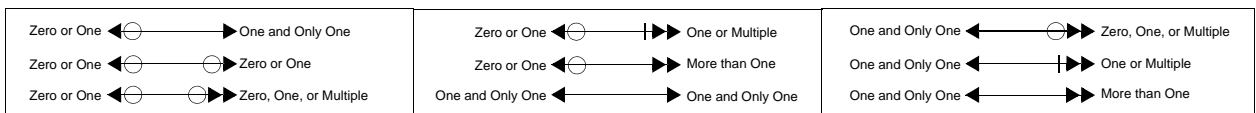
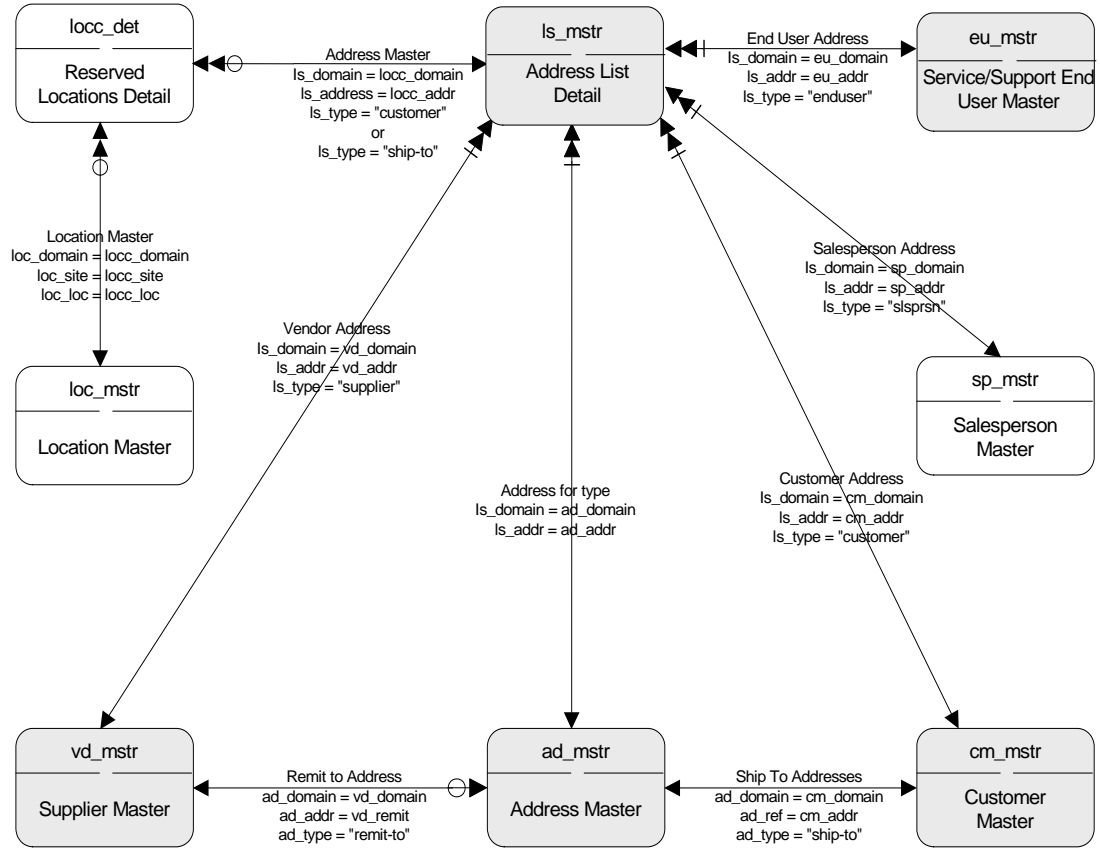


# Operational Entity Diagrams

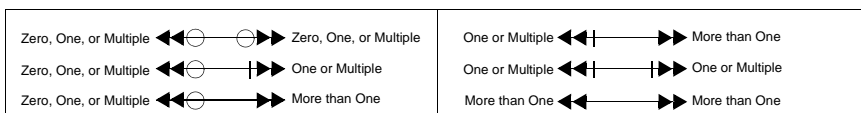
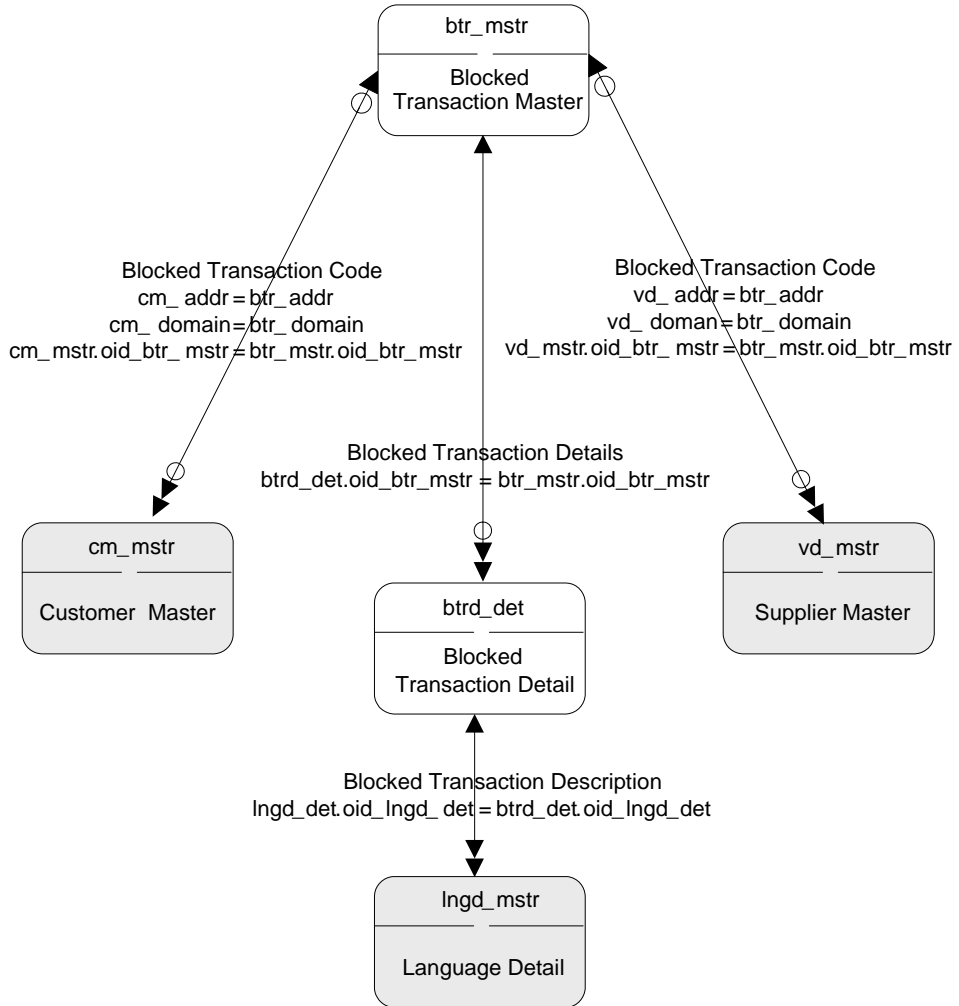
The entity diagrams are in alphabetical order starting on the next page.

Table 3.1 on page 172 lists each table included in the diagrams and indicates the title of the diagram where the table appears.

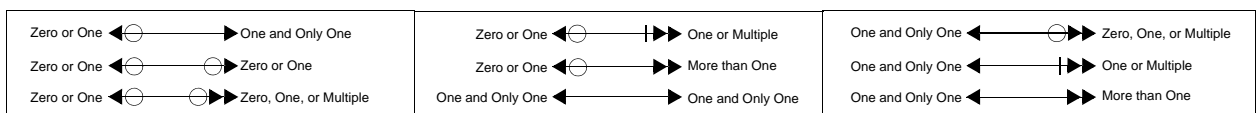
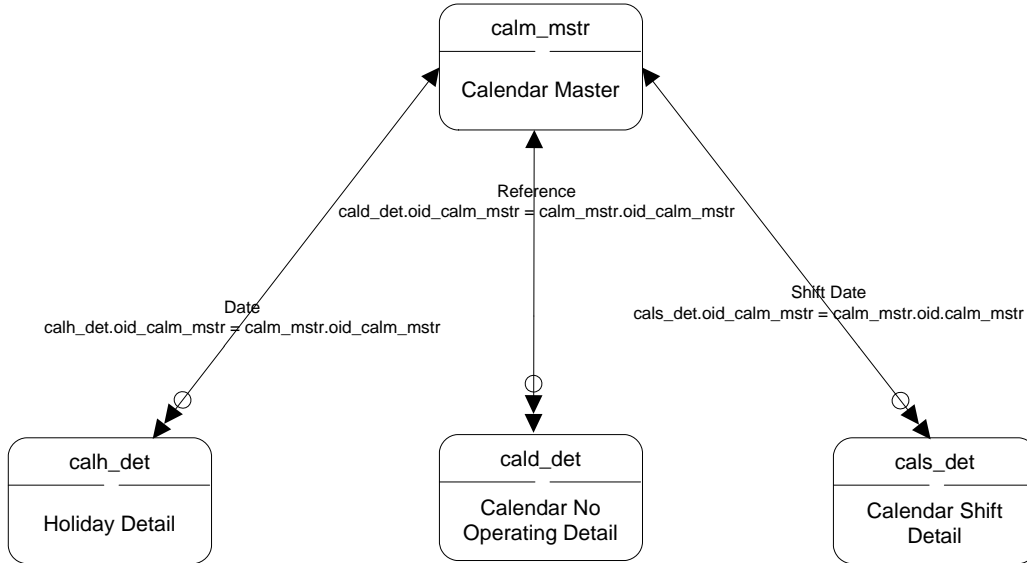
# Addresses



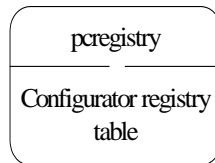
# Blocking Transaction



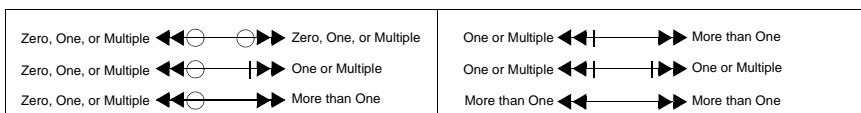
## Calendars



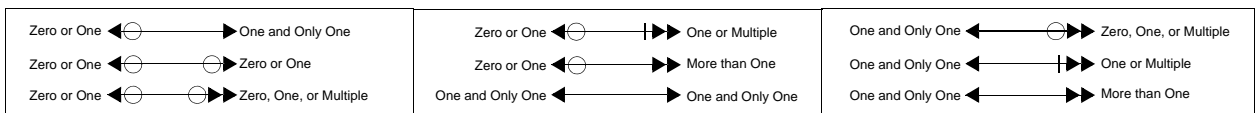
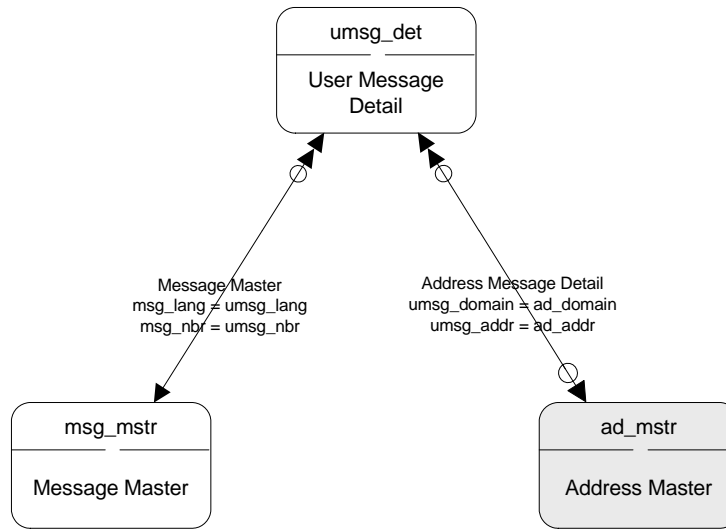
# Configurator - PC Registry



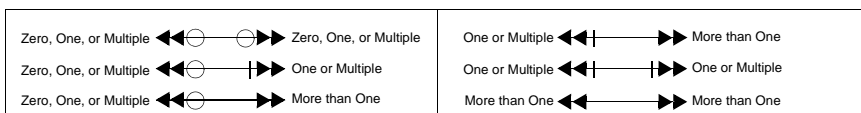
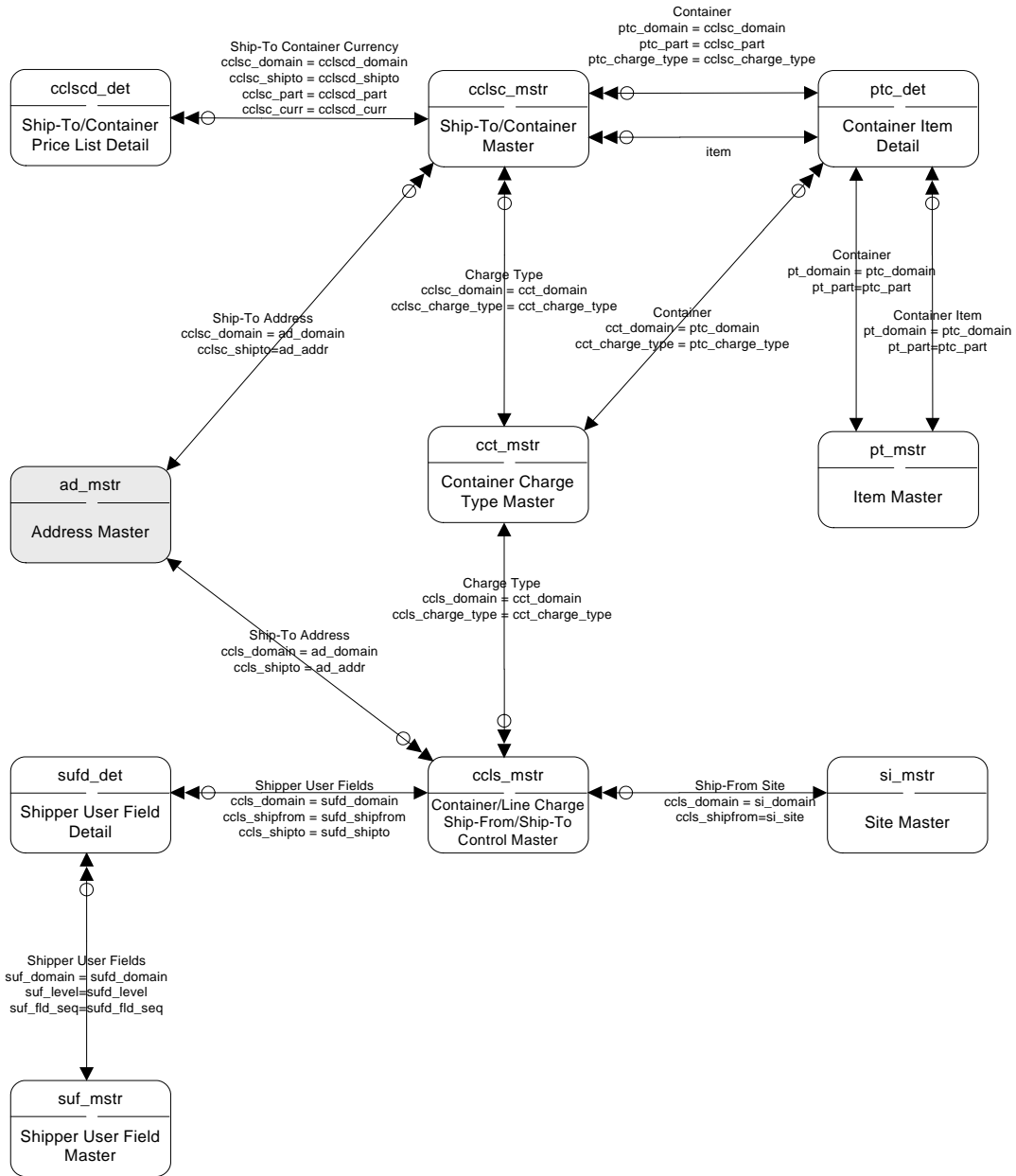
Note: This table stores some Configurator control settings. It does not link to any other tables.



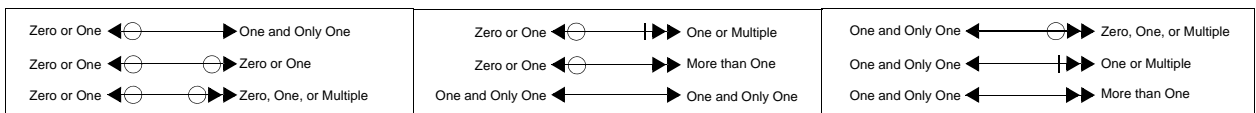
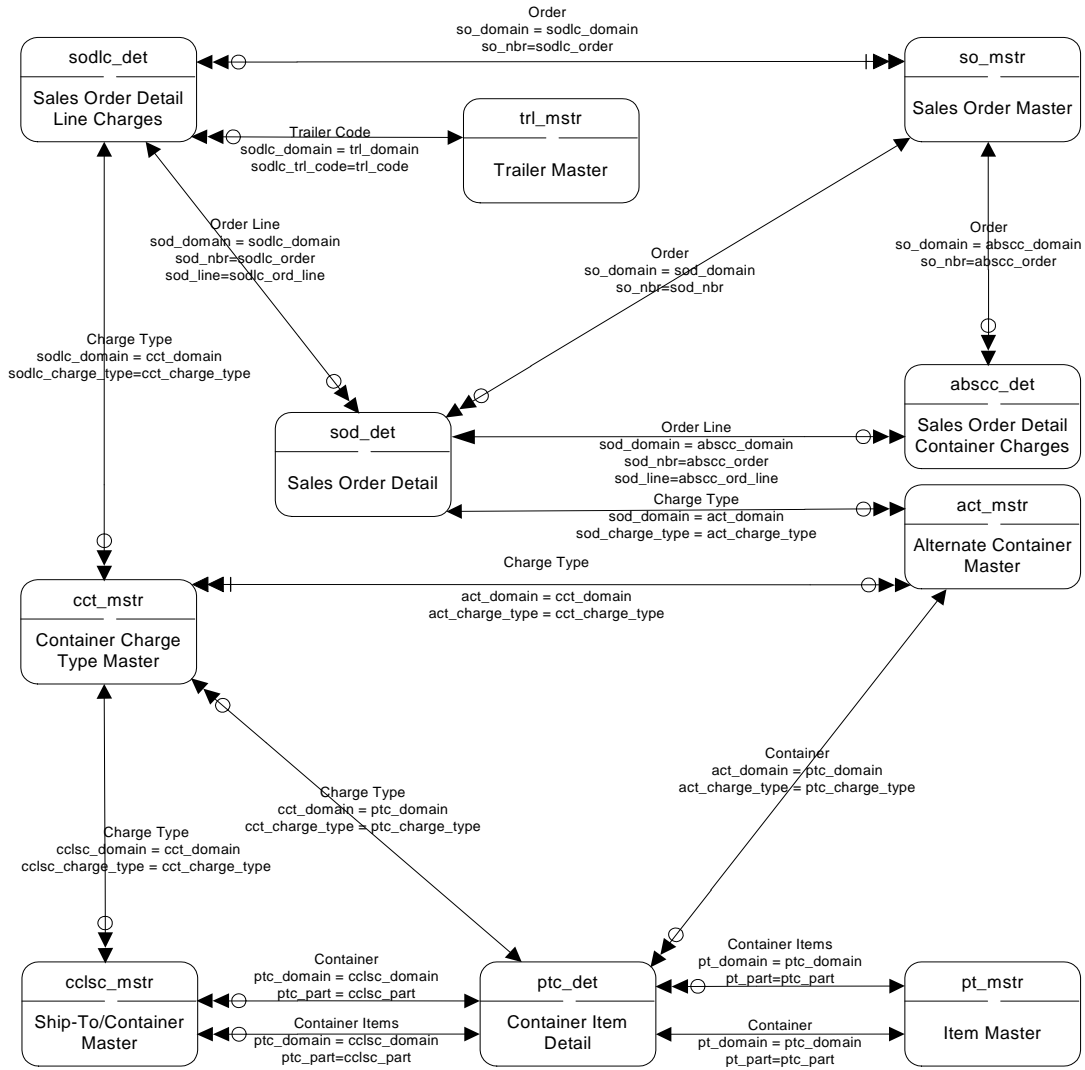
## Configured Messages



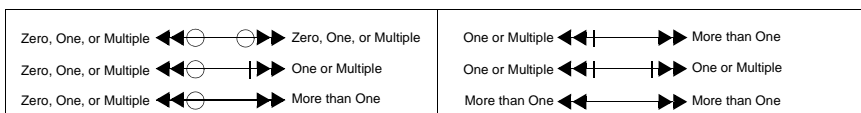
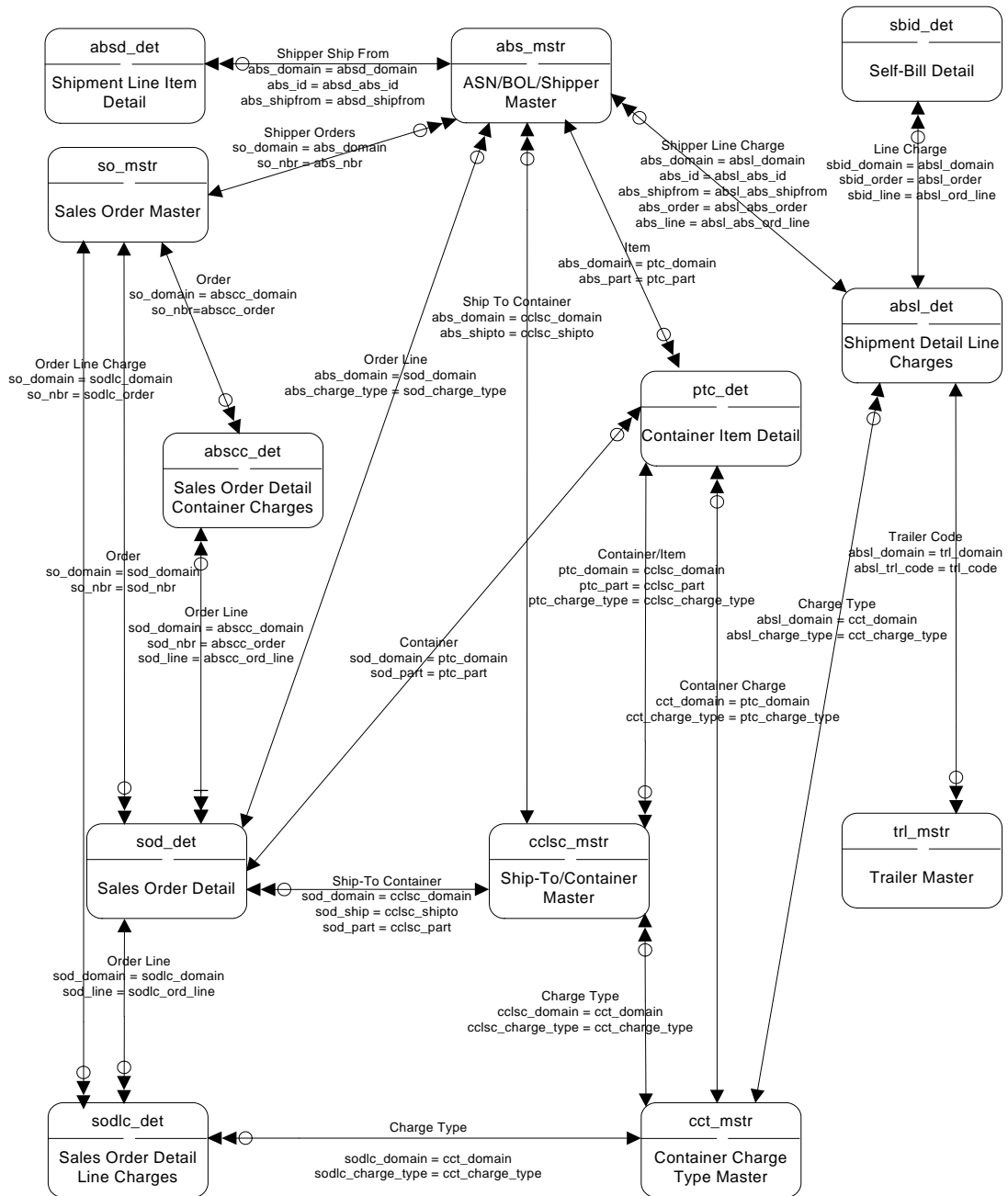
# Container and Line Charges I



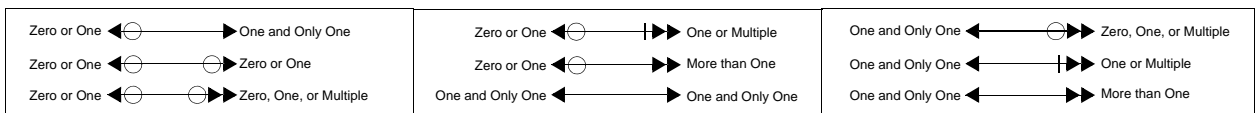
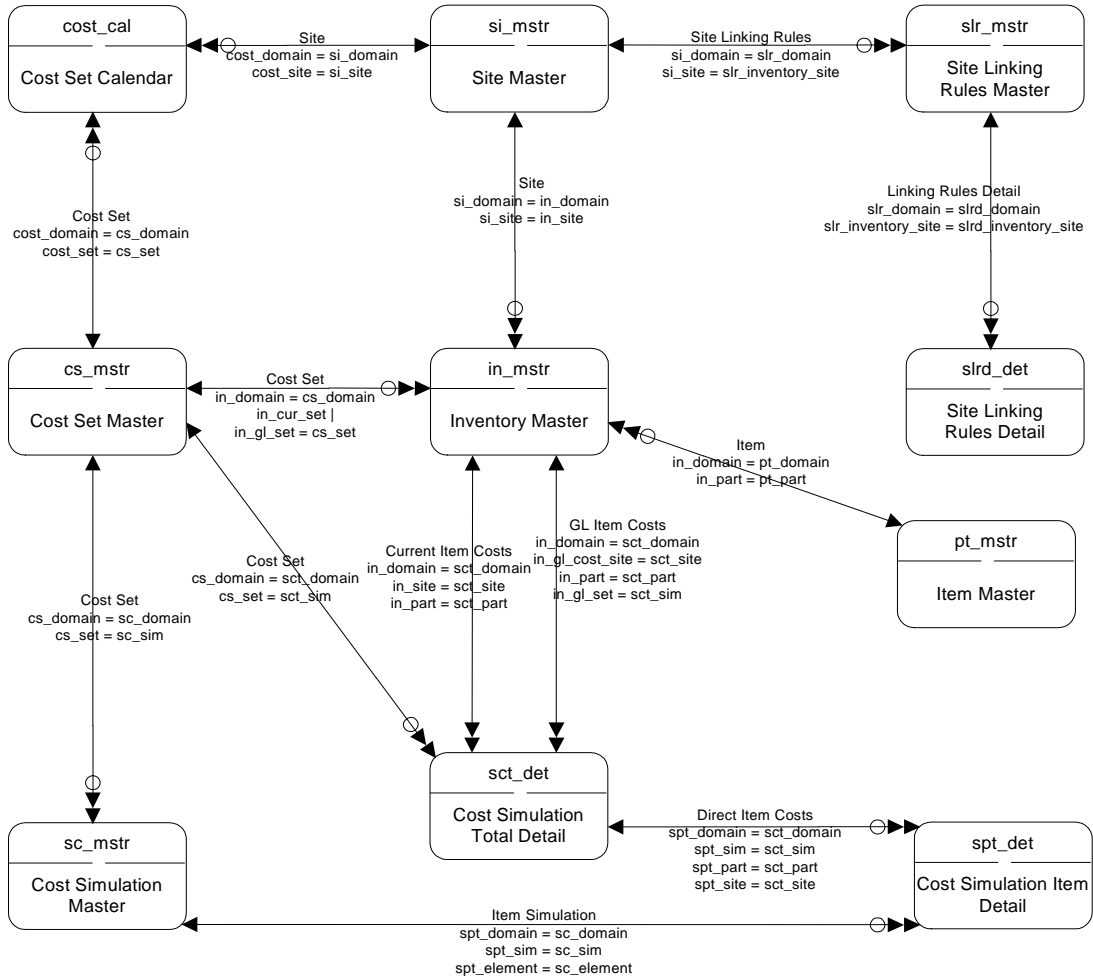
## Container and Line Charges II



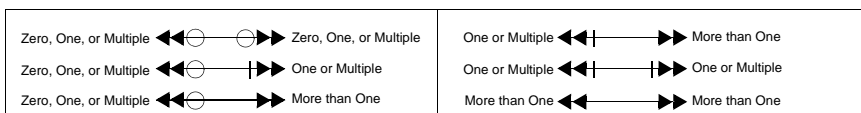
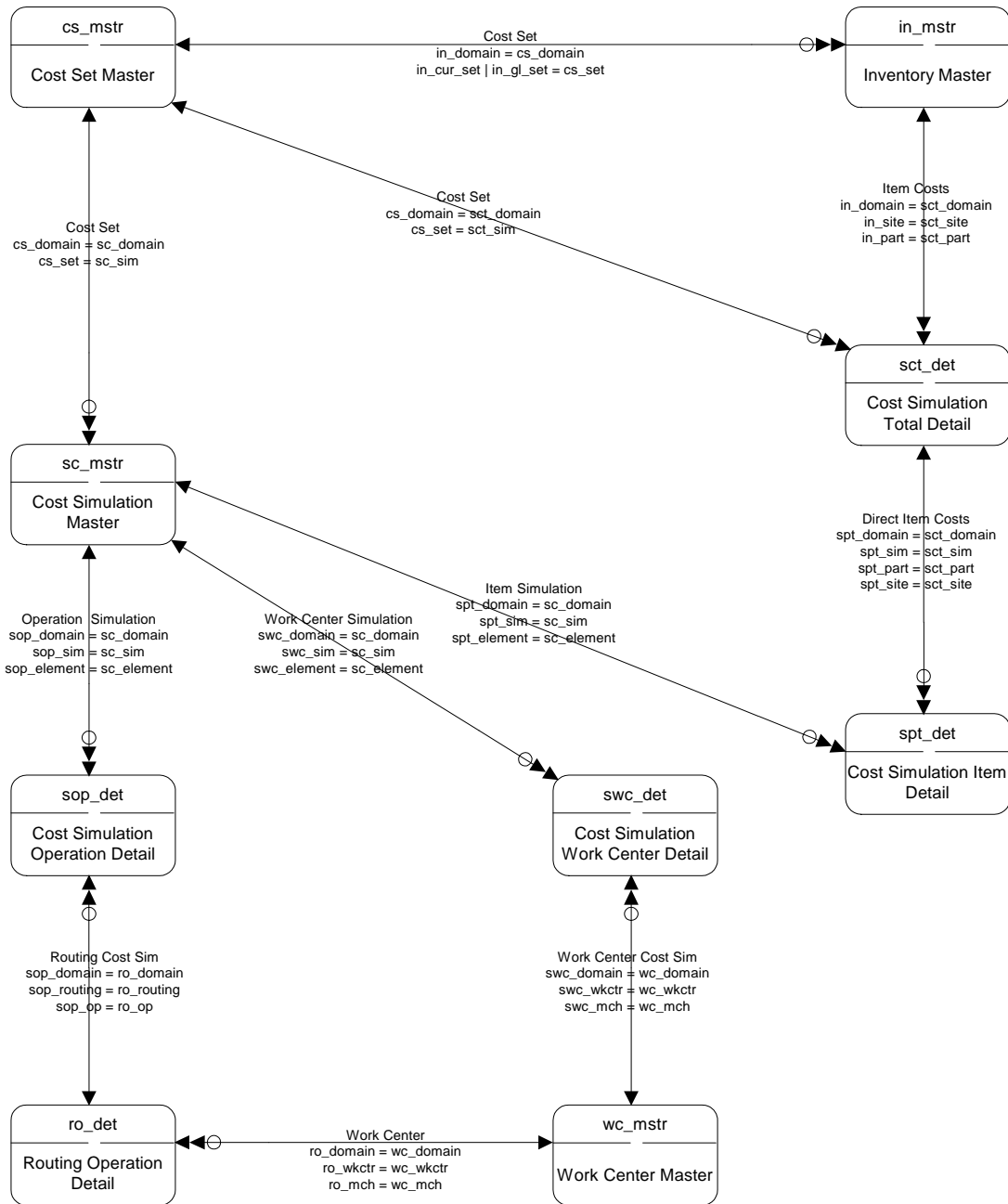
# Container and Line Charges III



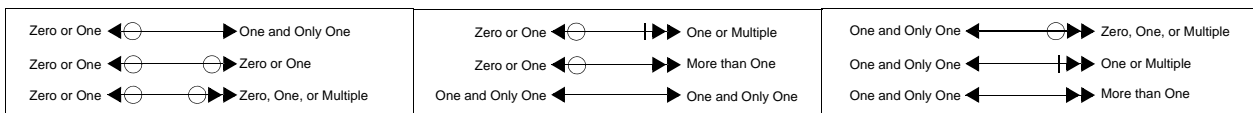
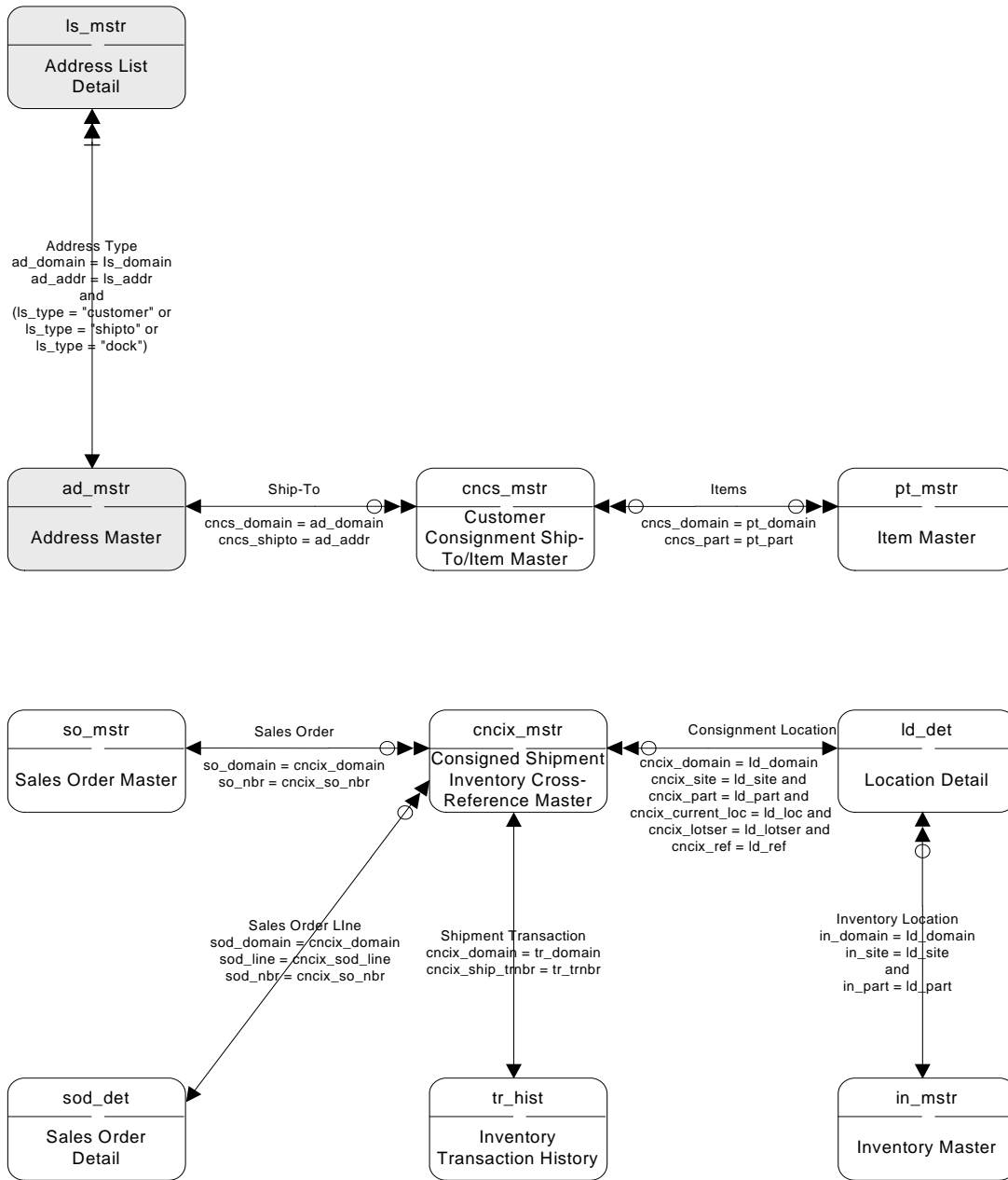
# Cost Management I



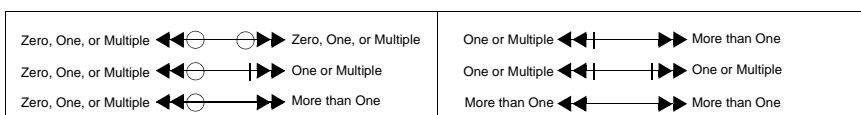
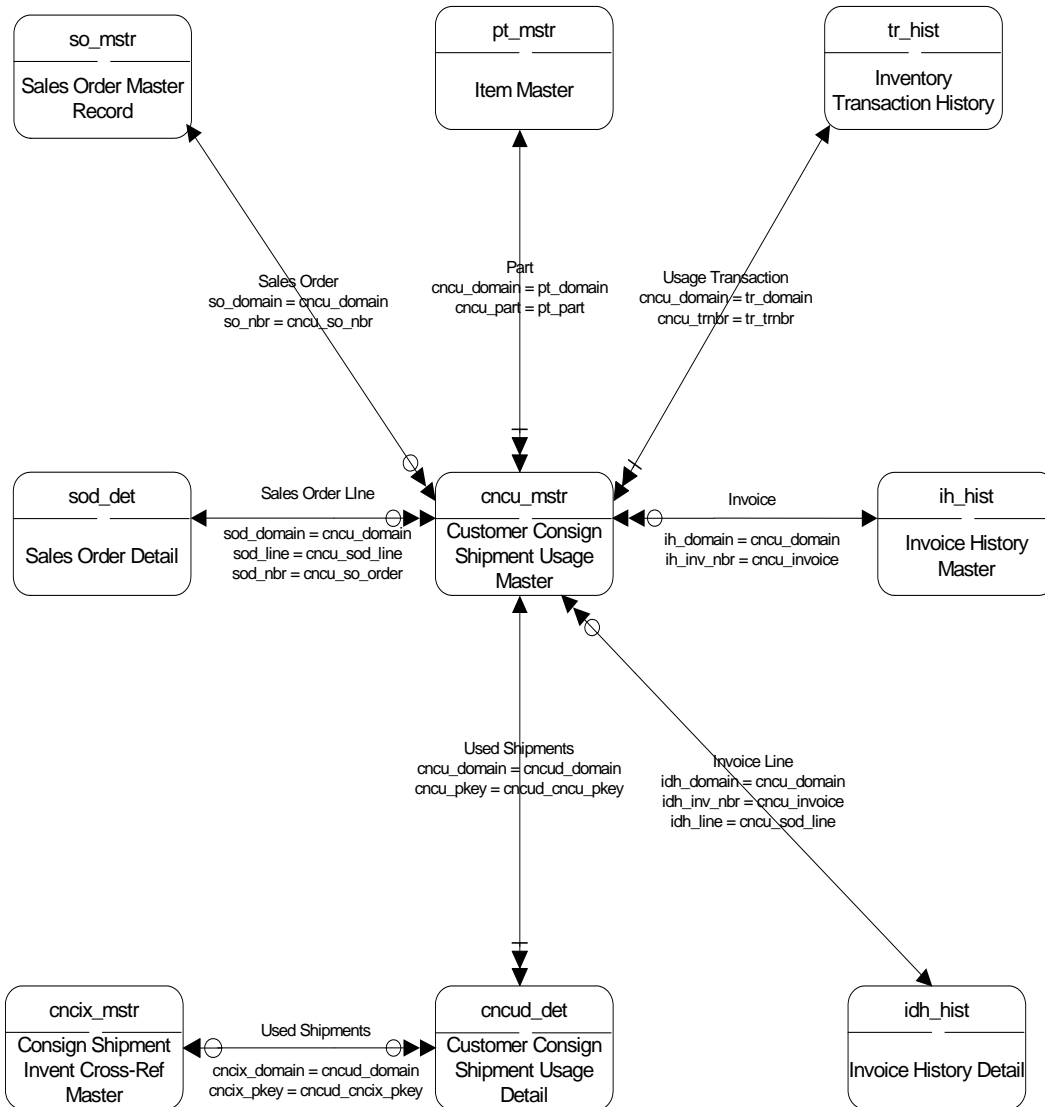
## Cost Management II



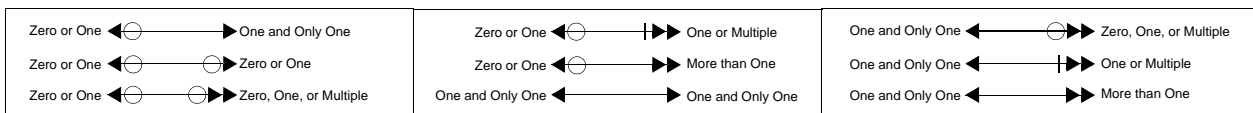
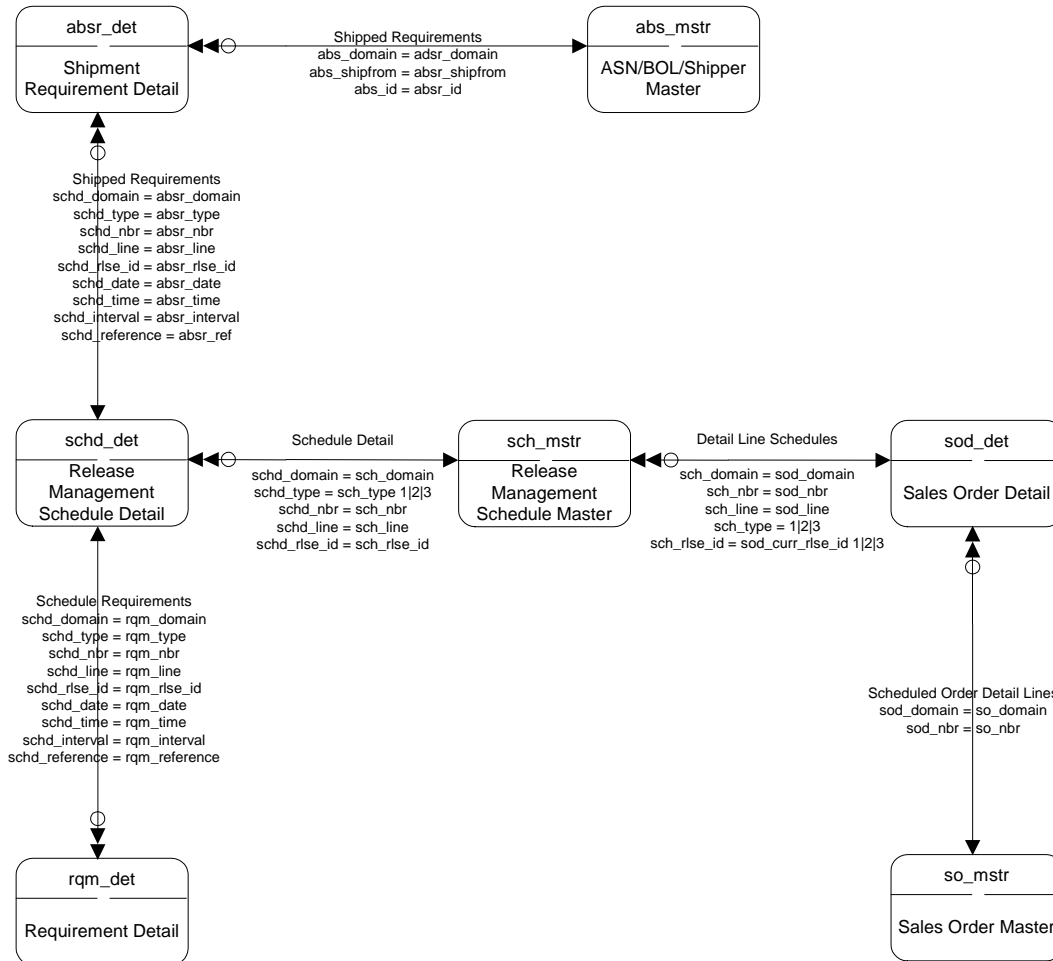
# Customer Consignment I



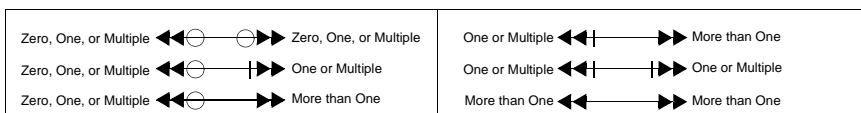
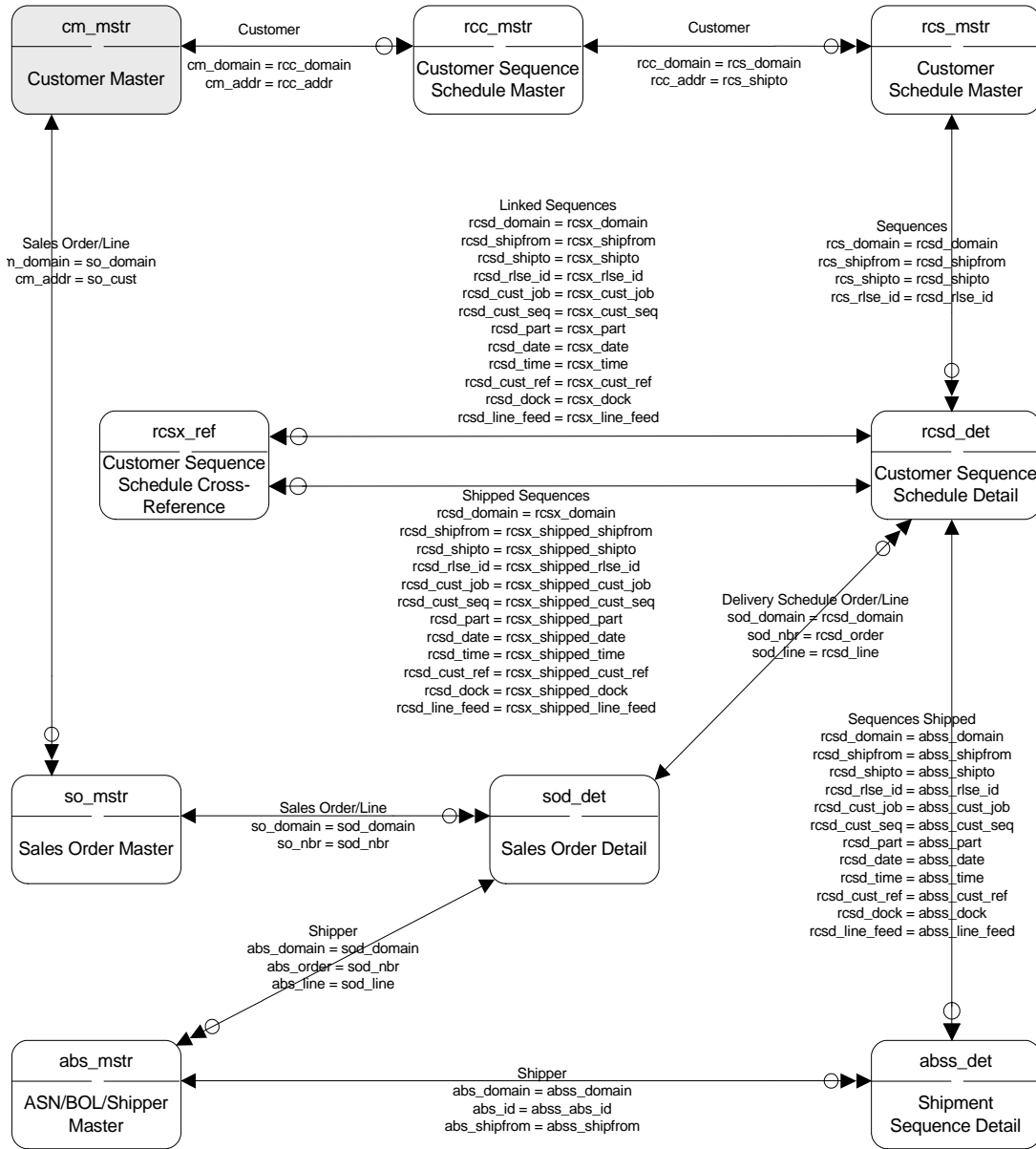
## Customer Consignment II



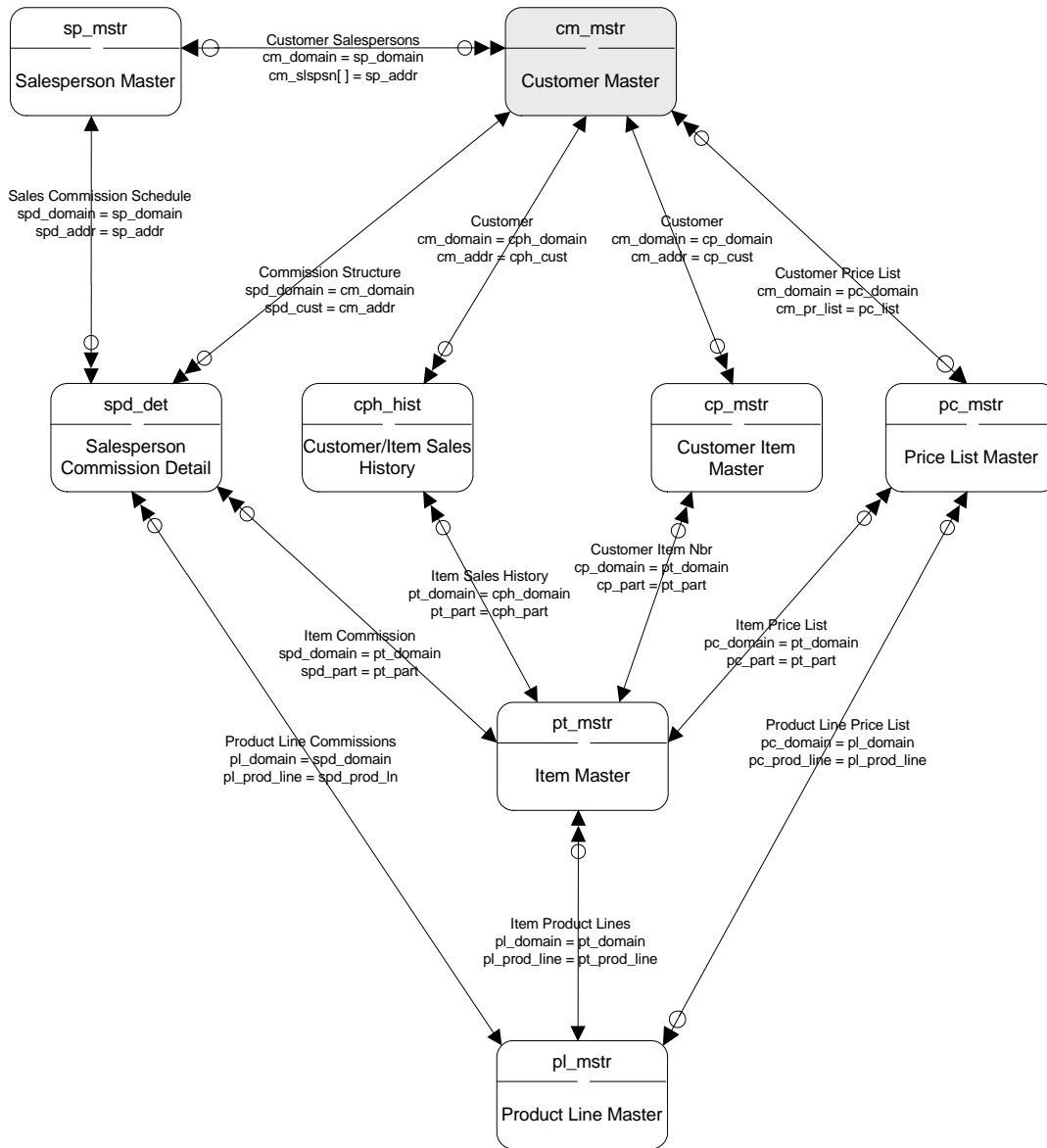
# Customer Scheduled Orders



# Customer Sequenced Schedules

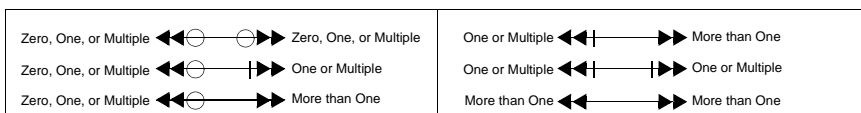
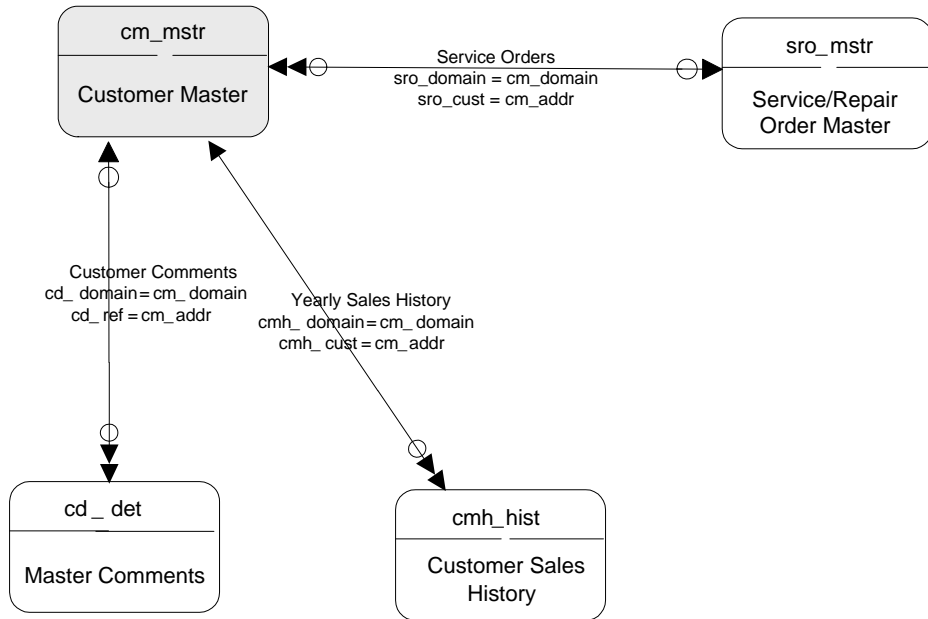


# Customers I

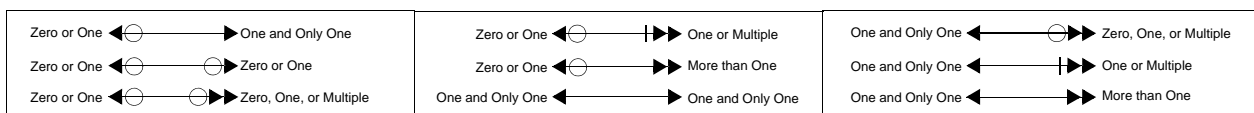
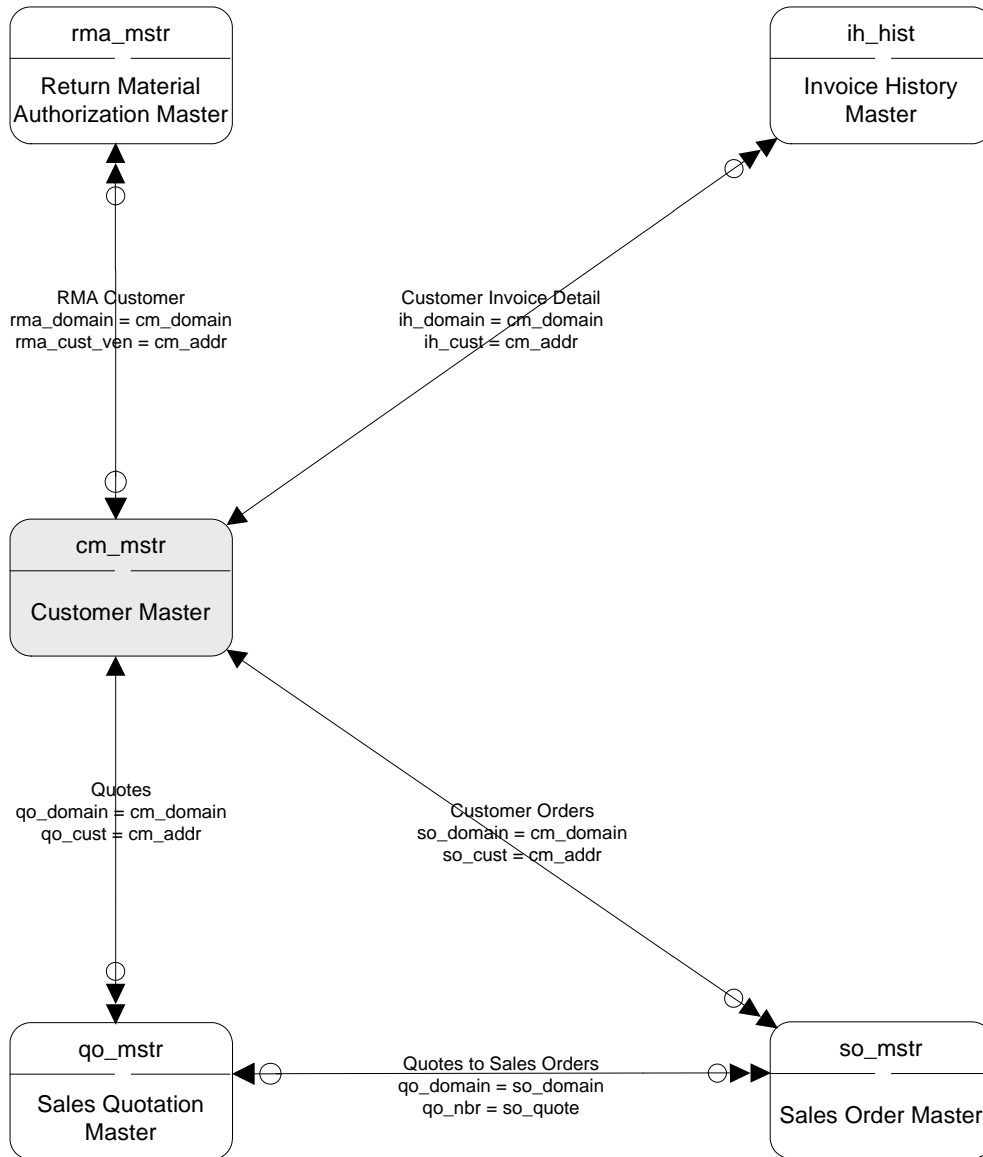


|   |   |   |
|---|---|---|
| Zero or One $\leftarrow \ominus \longrightarrow$ One and Only One             | Zero or One $\leftarrow \ominus \dashv \longrightarrow$ One or Multiple       | One and Only One $\leftarrow \ominus \dashv \longrightarrow$ Zero, One, or Multiple |
| Zero or One $\leftarrow \ominus \longrightarrow \ominus$ Zero or One          | Zero or One $\leftarrow \ominus \dashv \dashv \longrightarrow$ More than One  | One and Only One $\leftarrow \ominus \dashv \dashv \longrightarrow$ One or Multiple |
| Zero or One $\leftarrow \ominus \longrightarrow \circ$ Zero, One, or Multiple | One and Only One $\leftarrow \ominus \dashv \longrightarrow$ One and Only One | One and Only One $\leftarrow \ominus \dashv \dashv \longrightarrow$ More than One   |

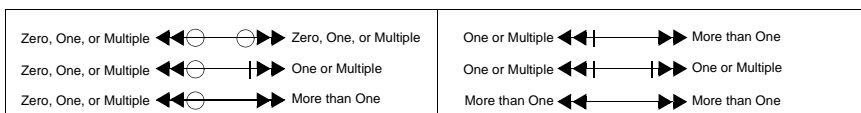
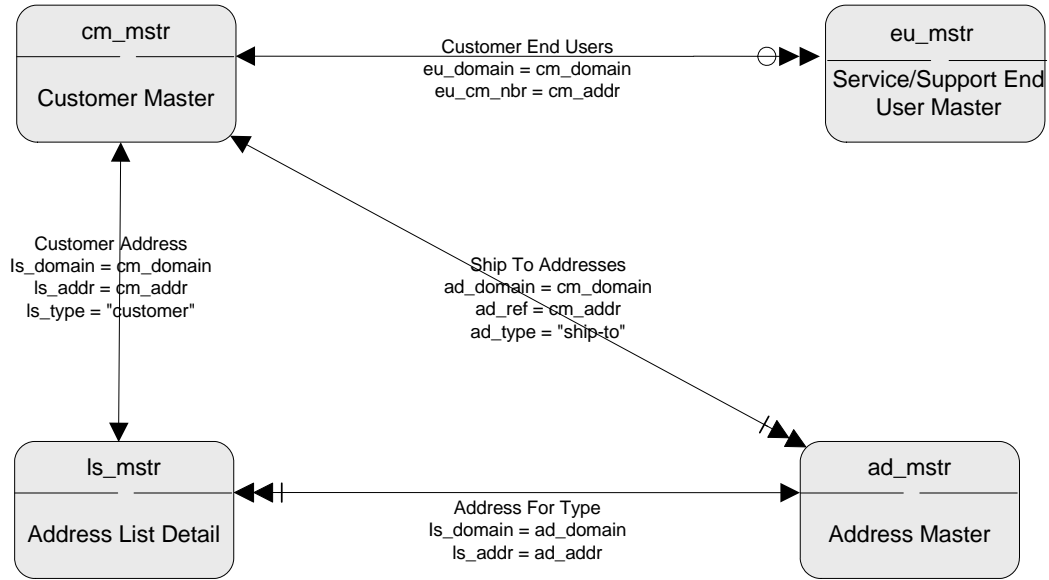
# Customers II



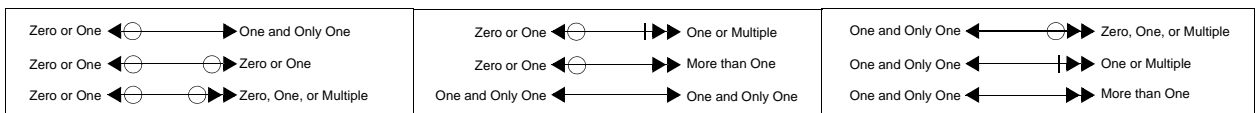
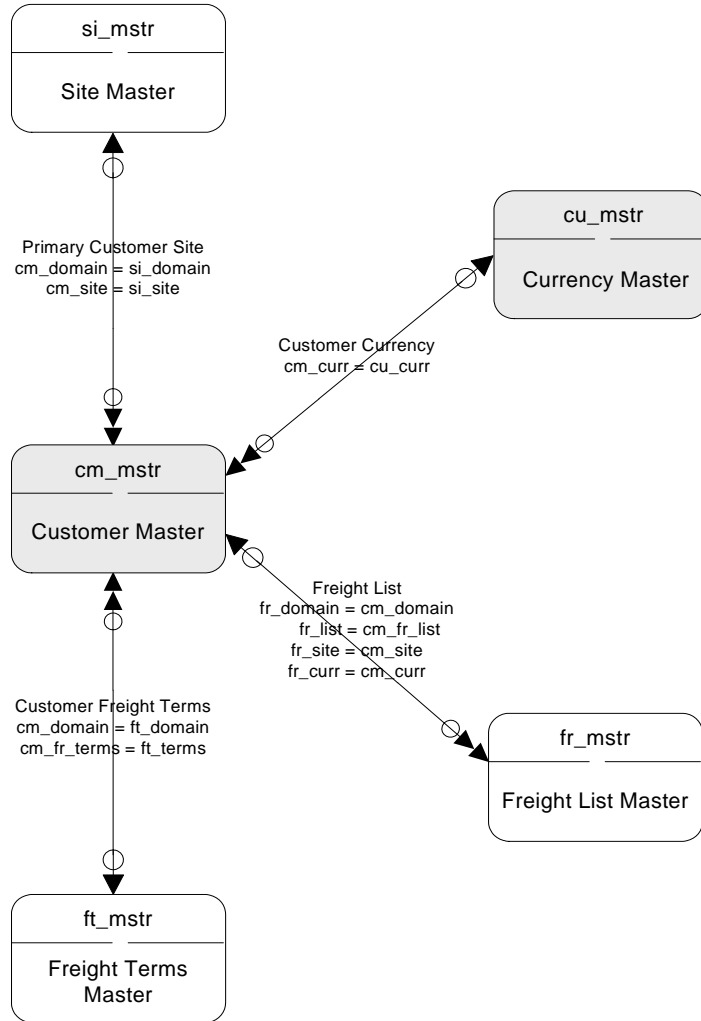
## Customers III



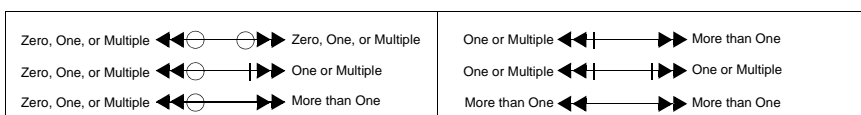
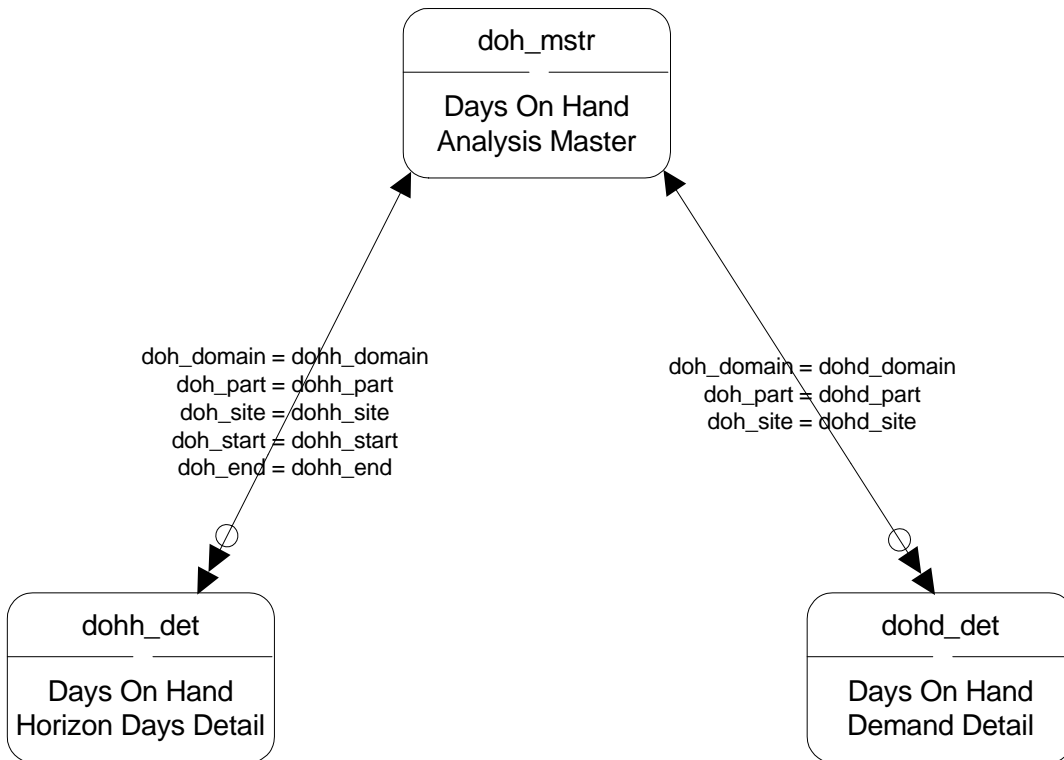
# Customers IV



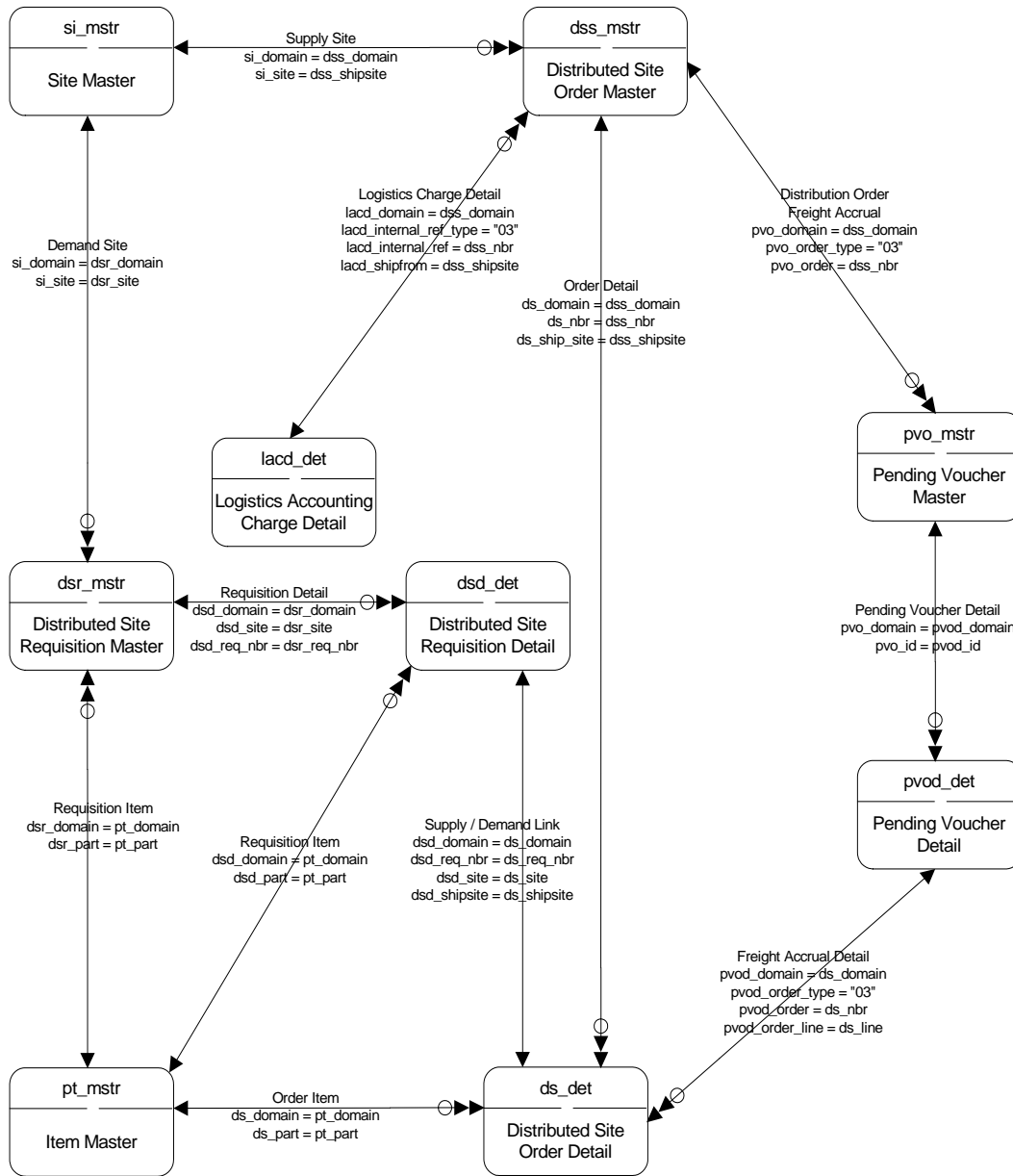
## Customers V



# Days On Hand

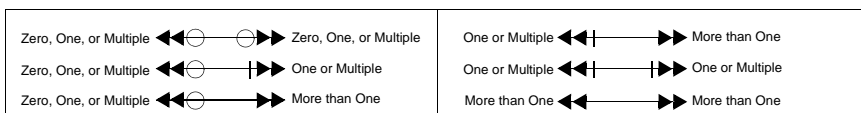
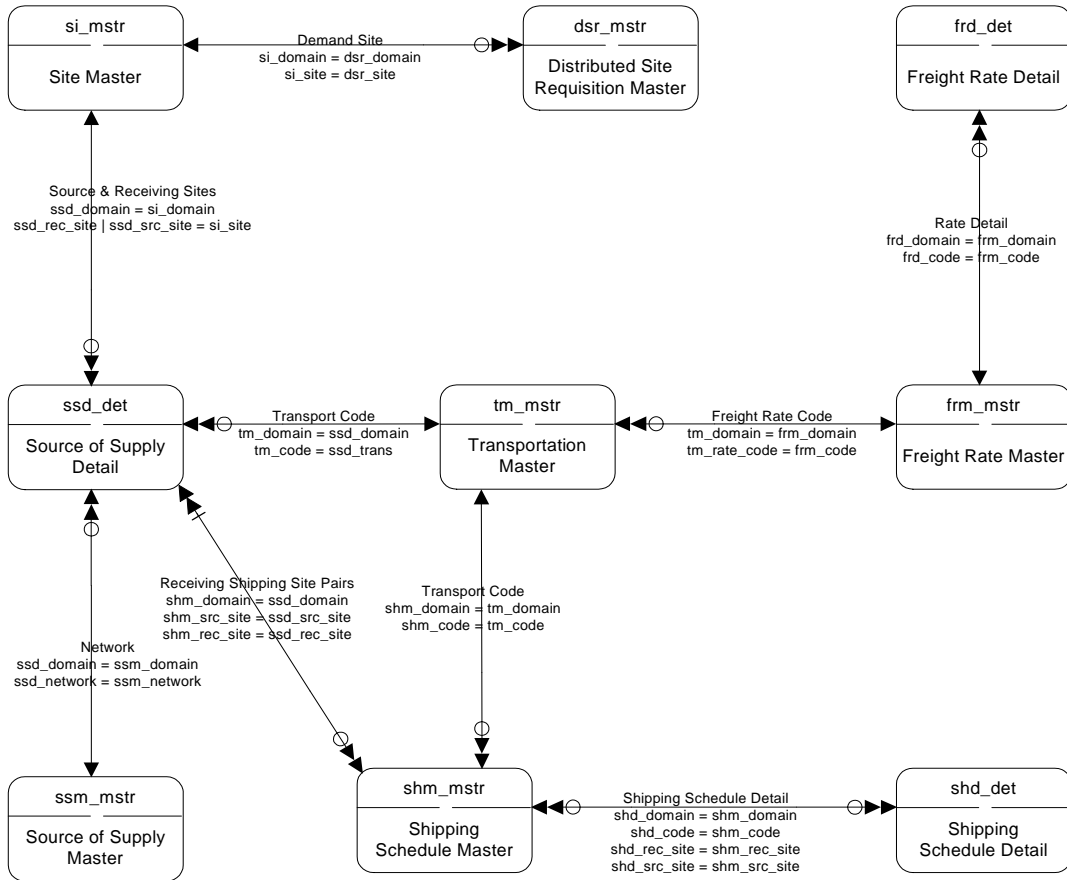


# DRP I

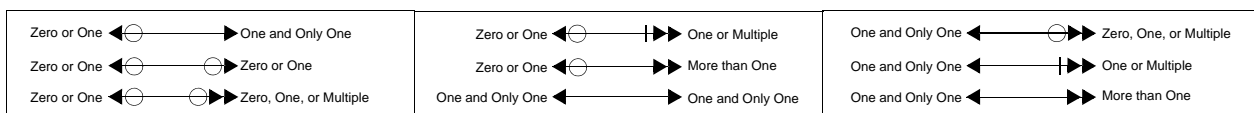
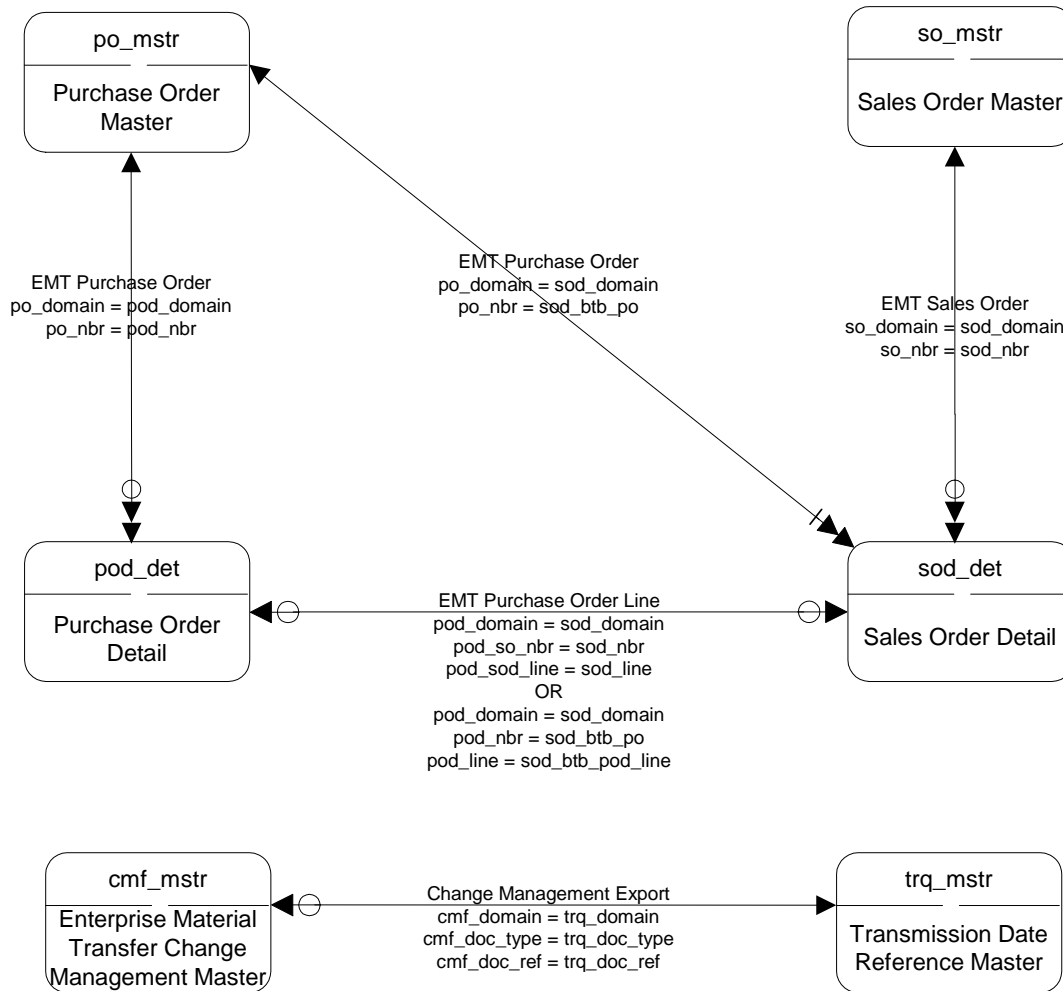


|   |  |  |
|---|--|--|
| Zero or One $\leftarrow \ominus \rightarrow$ One and Only One             | Zero or One $\leftarrow \ominus \dashrightarrow$ One or Multiple   | One and Only One $\leftarrow \ominus \rightarrow$ Zero, One, or Multiple |
| Zero or One $\leftarrow \ominus \rightarrow \ominus$ Zero or One          | Zero or One $\leftarrow \ominus \dashrightarrow$ More than One     | One and Only One $\leftarrow \ominus \dashrightarrow$ One or Multiple    |
| Zero or One $\leftarrow \ominus \rightarrow \circ$ Zero, One, or Multiple | One and Only One $\leftarrow \ominus \rightarrow$ One and Only One | One and Only One $\leftarrow \ominus \dashrightarrow$ More than One      |

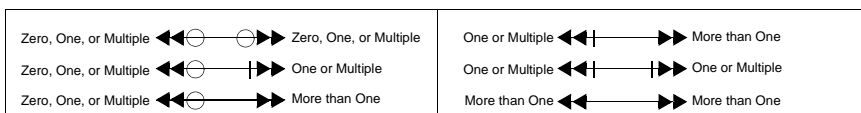
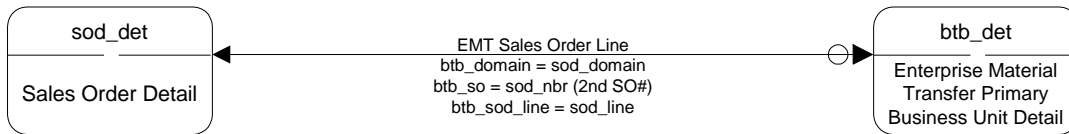
# DRP II



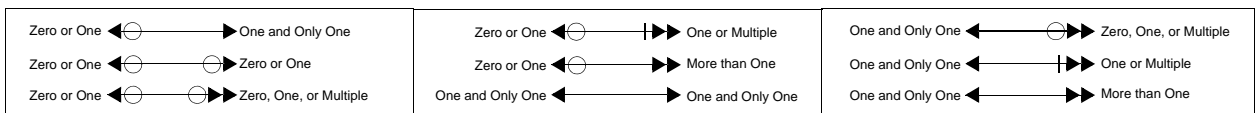
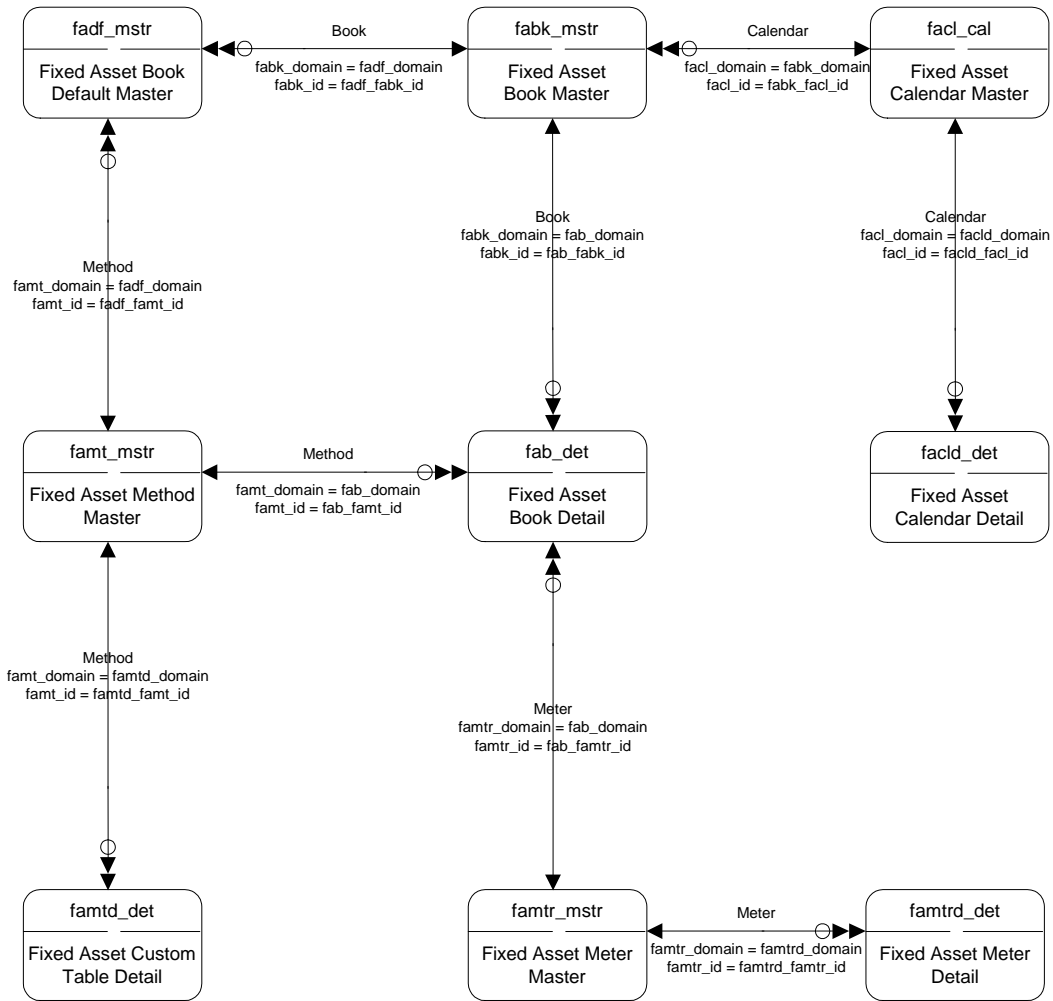
## EMT – Primary Business Unit



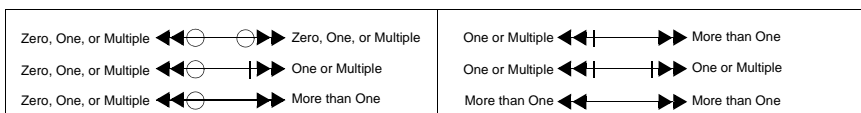
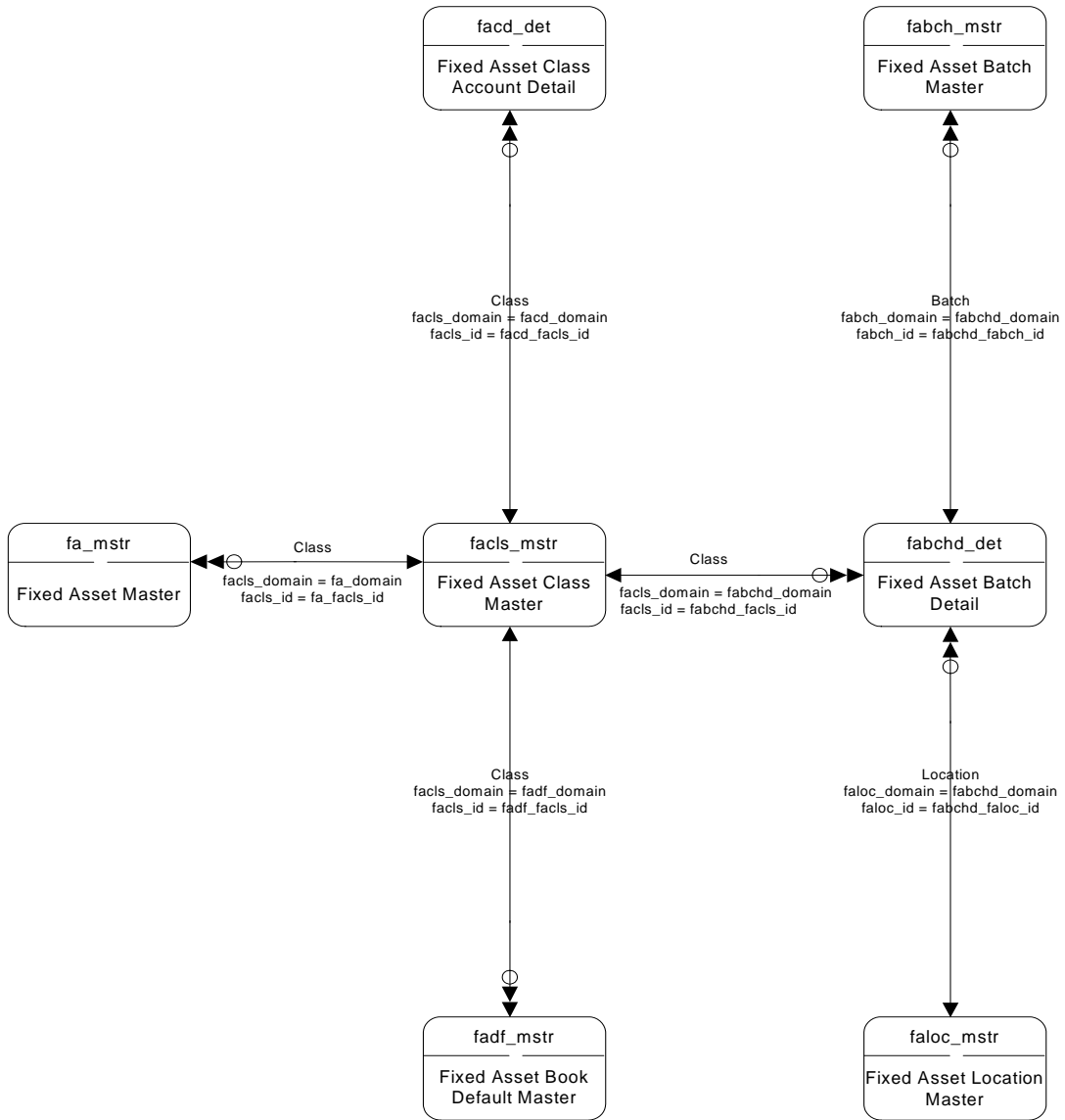
# EMT – Secondary Business Unit



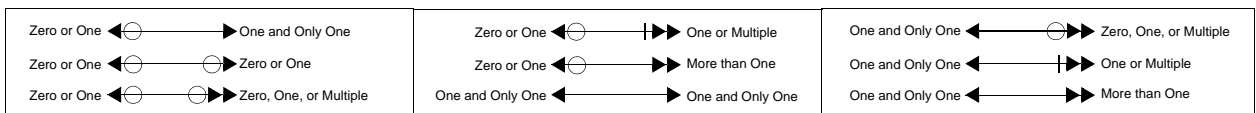
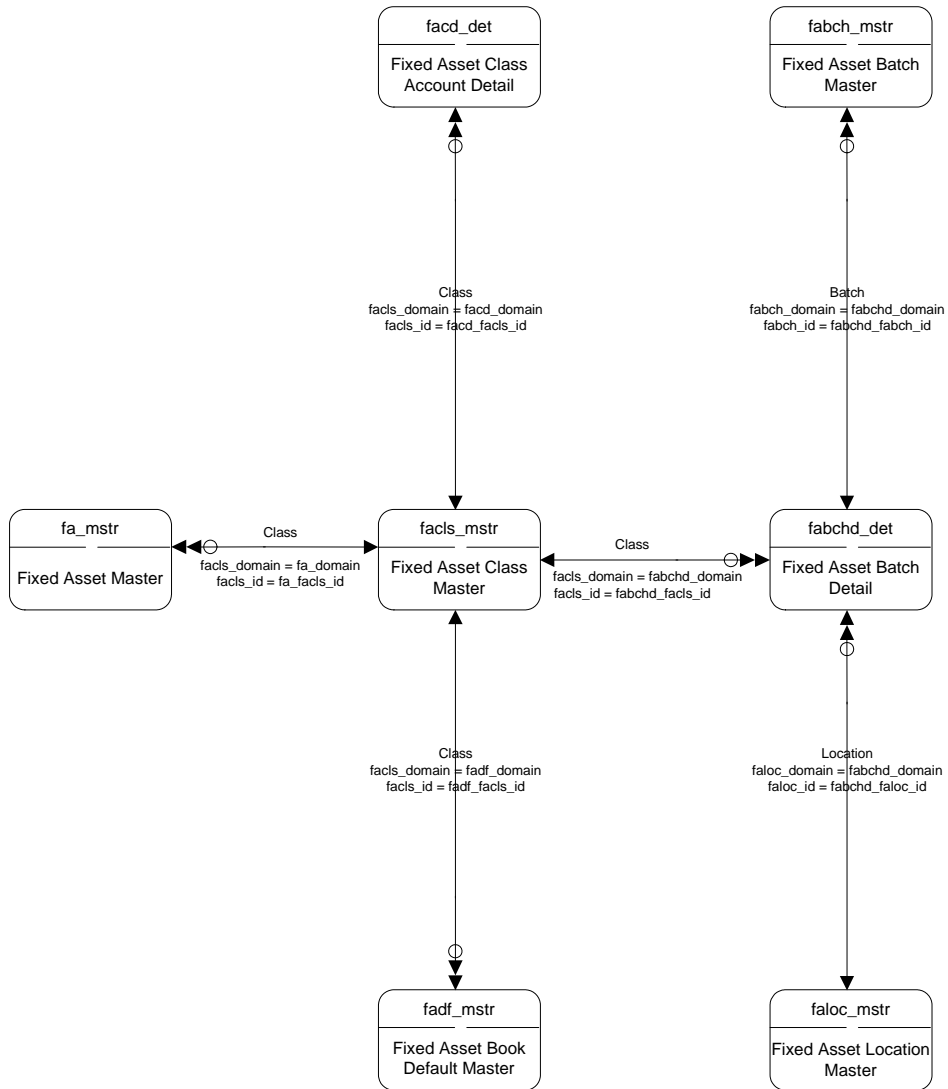
## Fixed Assets I



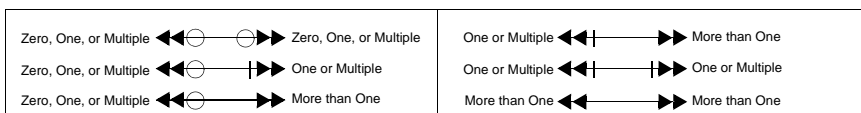
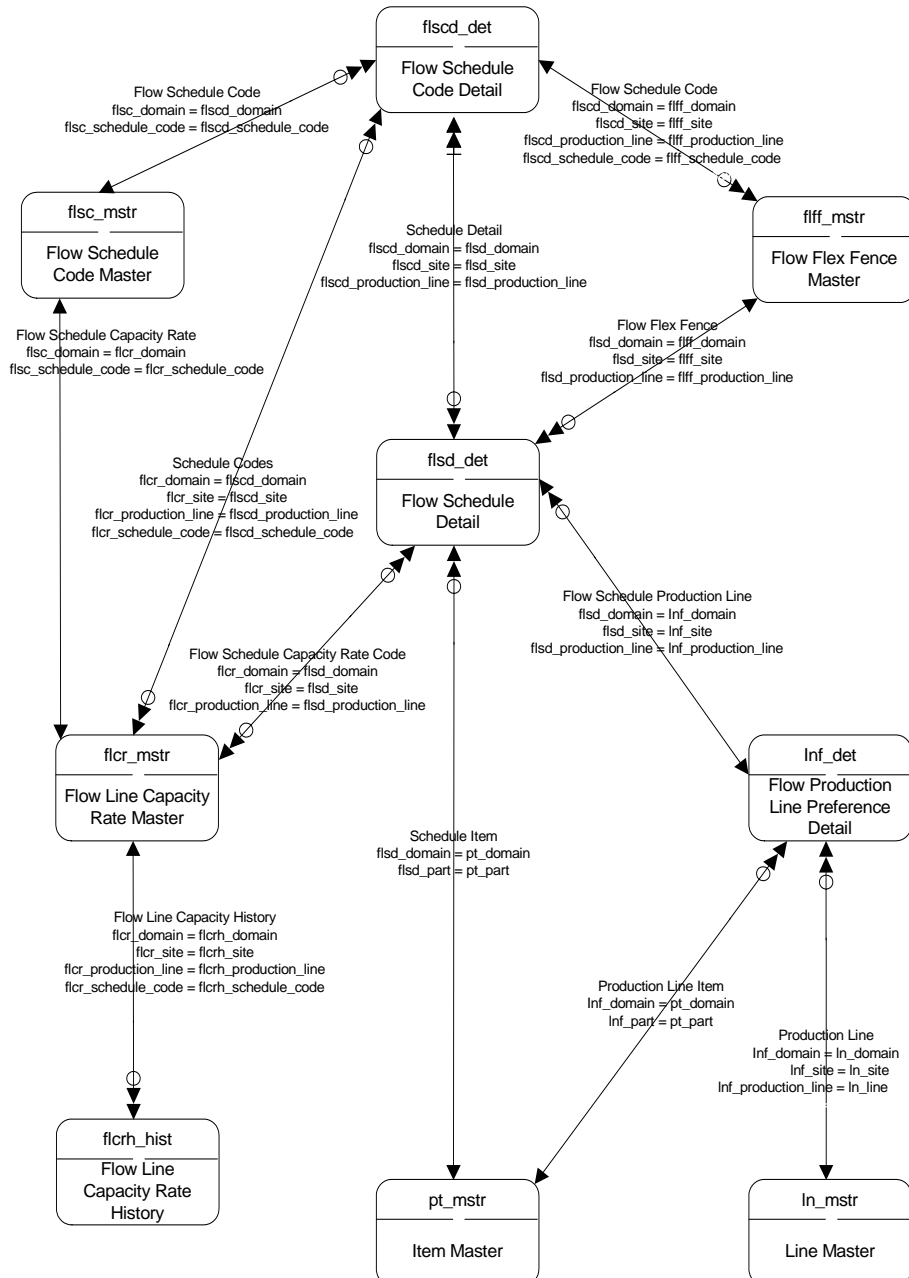
# Fixed Assets II



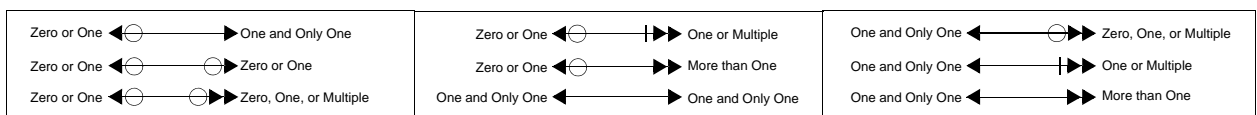
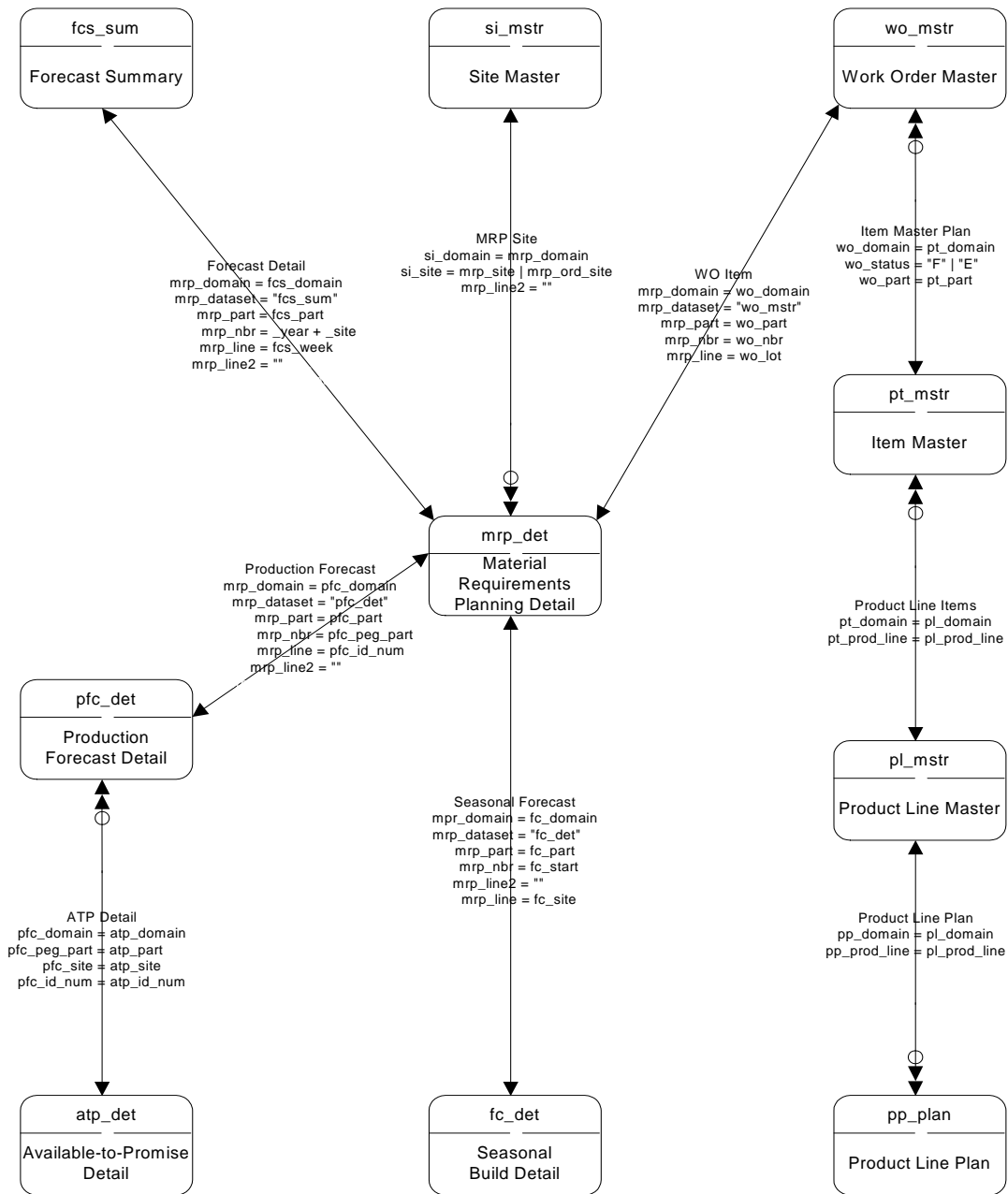
## Fixed Assets III



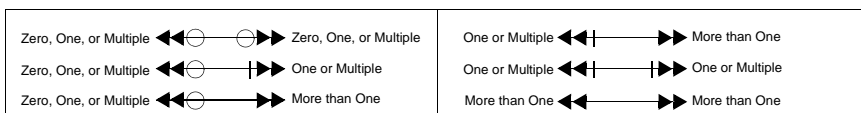
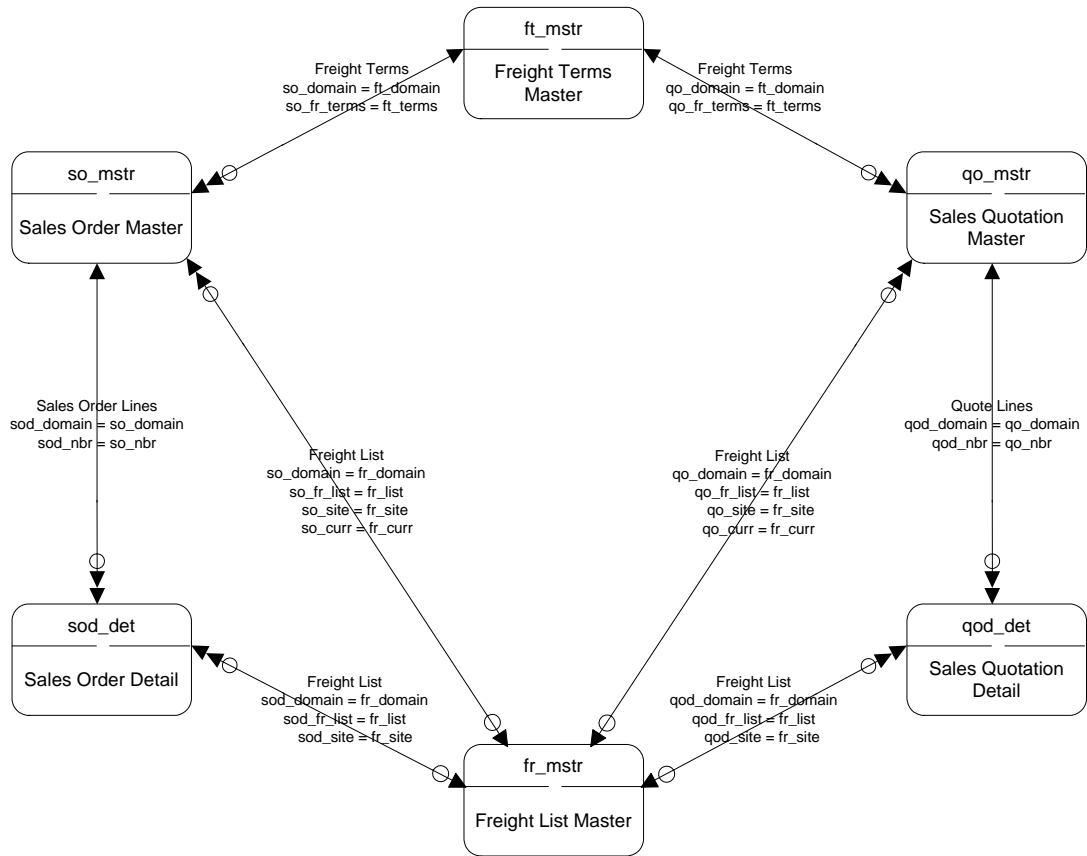
# Flow Scheduling



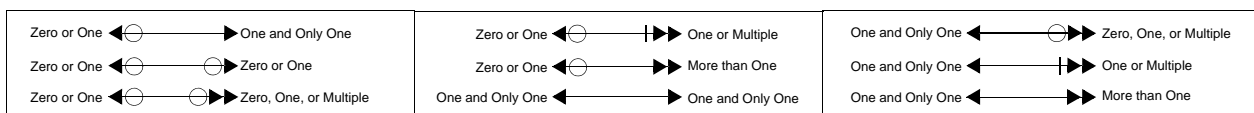
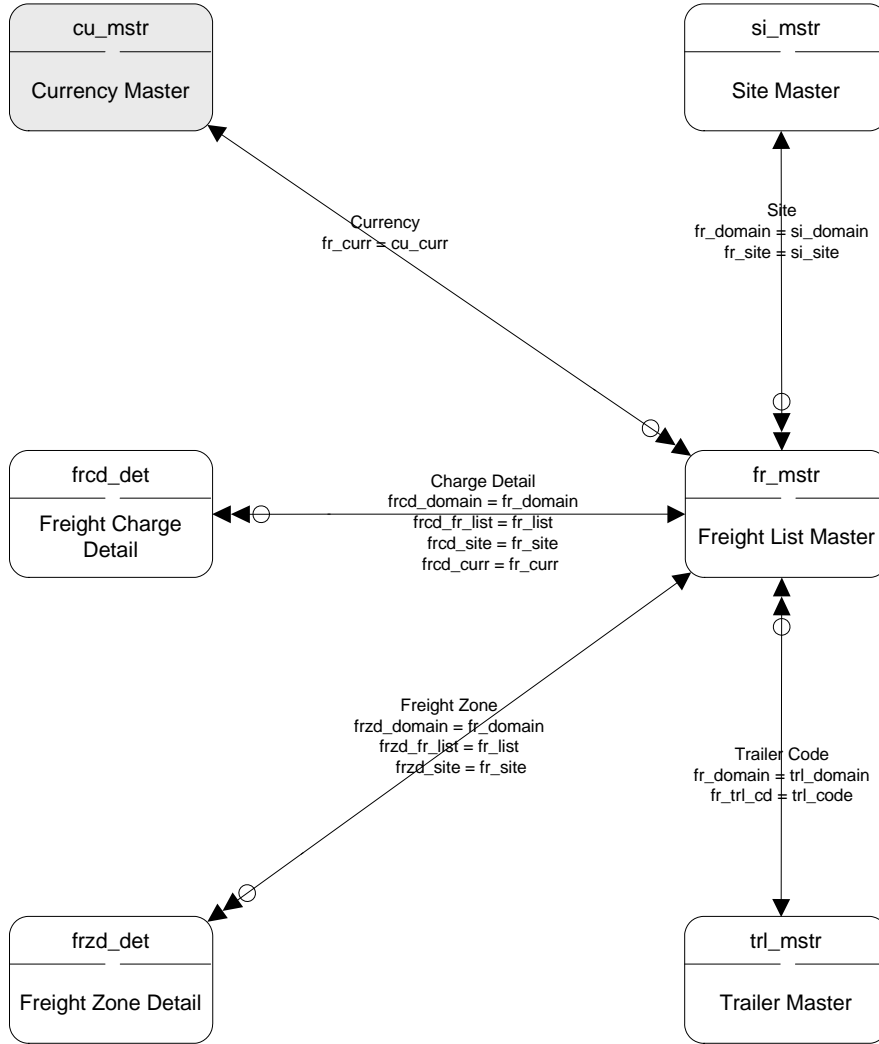
## Forecasting/Planning



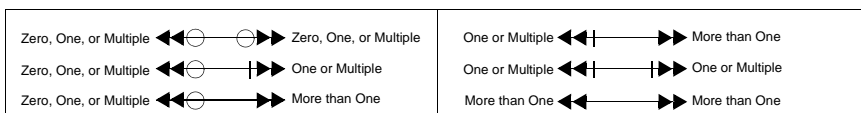
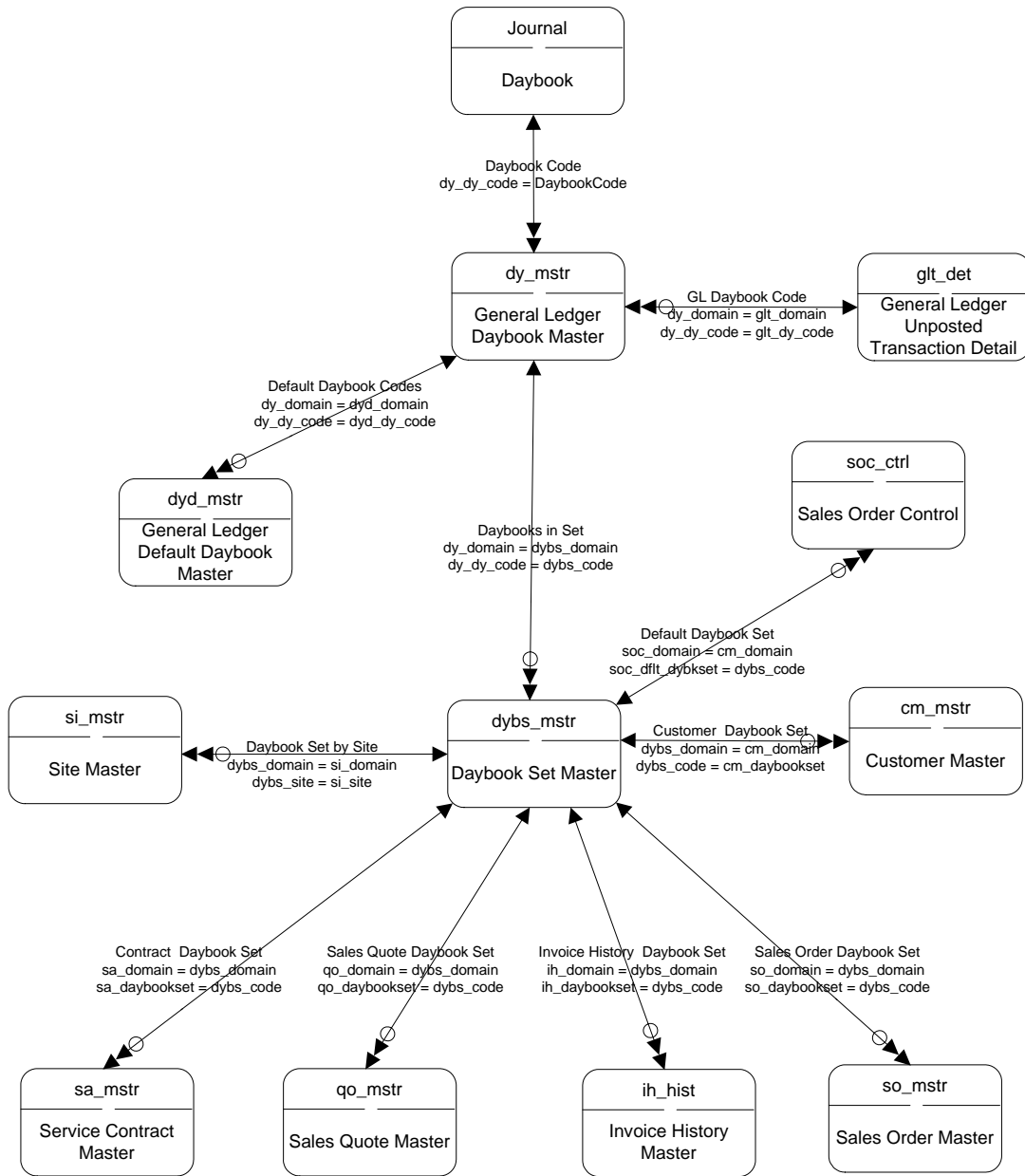
# Freight Charges I



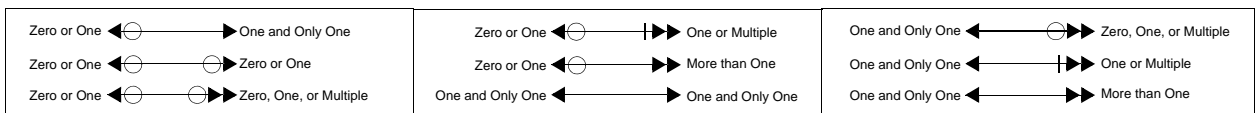
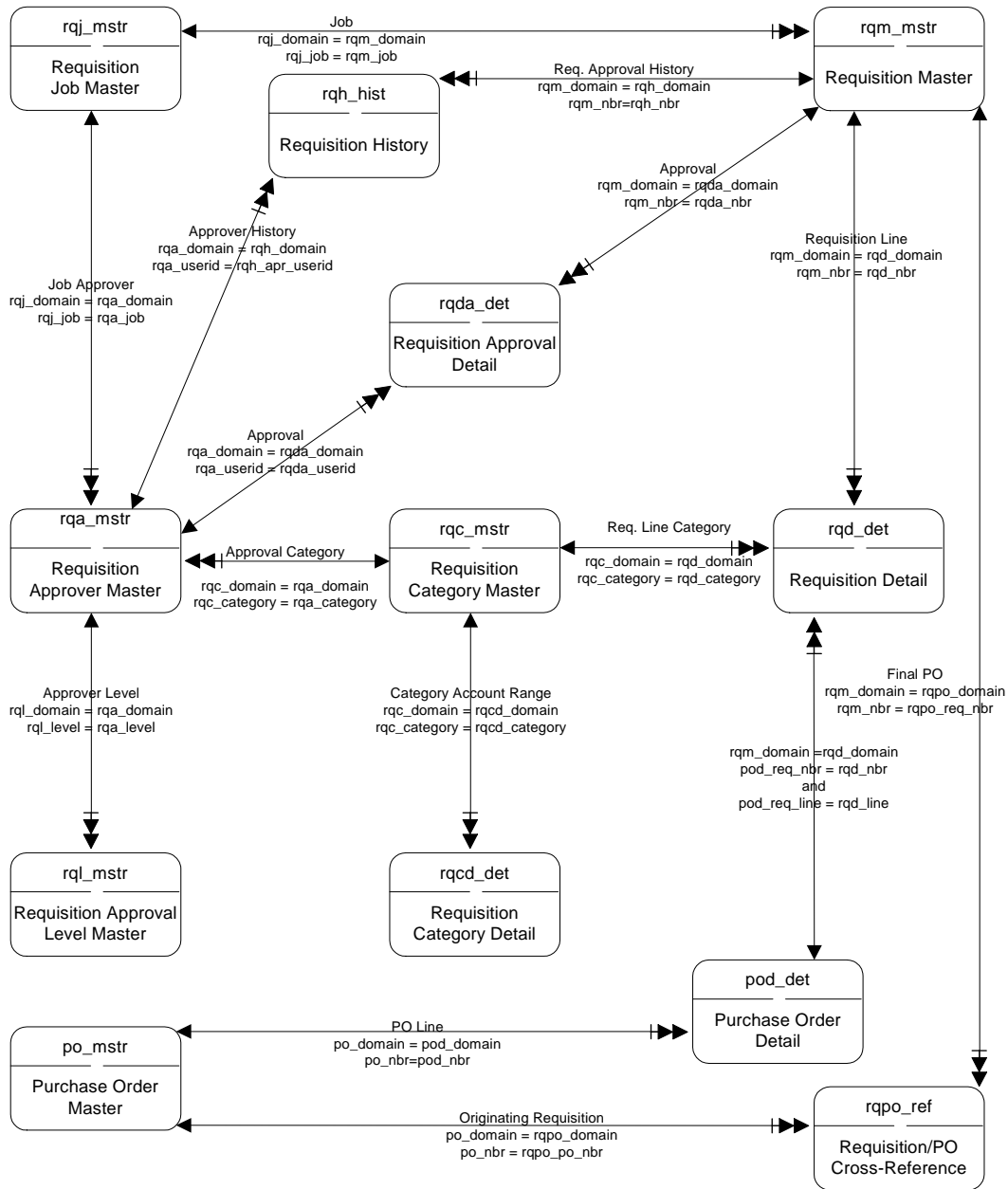
## Freight Charges II



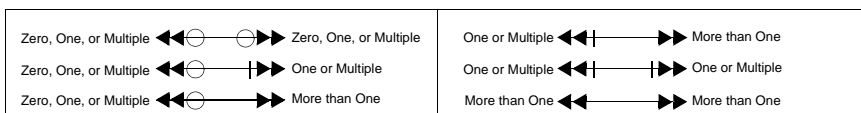
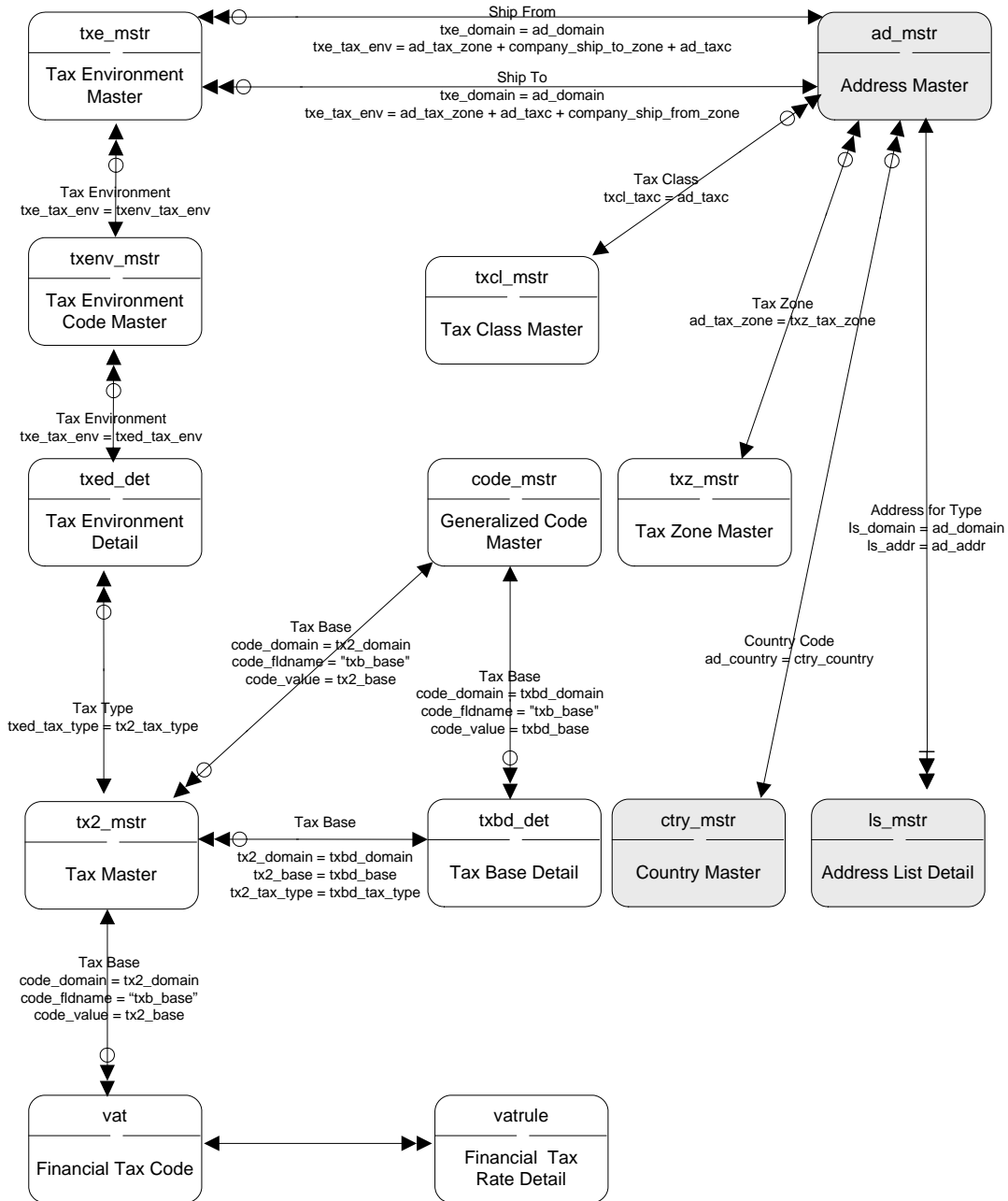
# General Ledger Daybooks



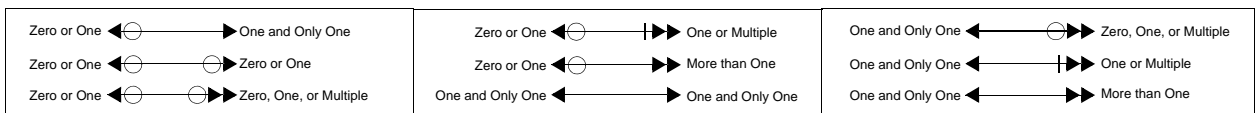
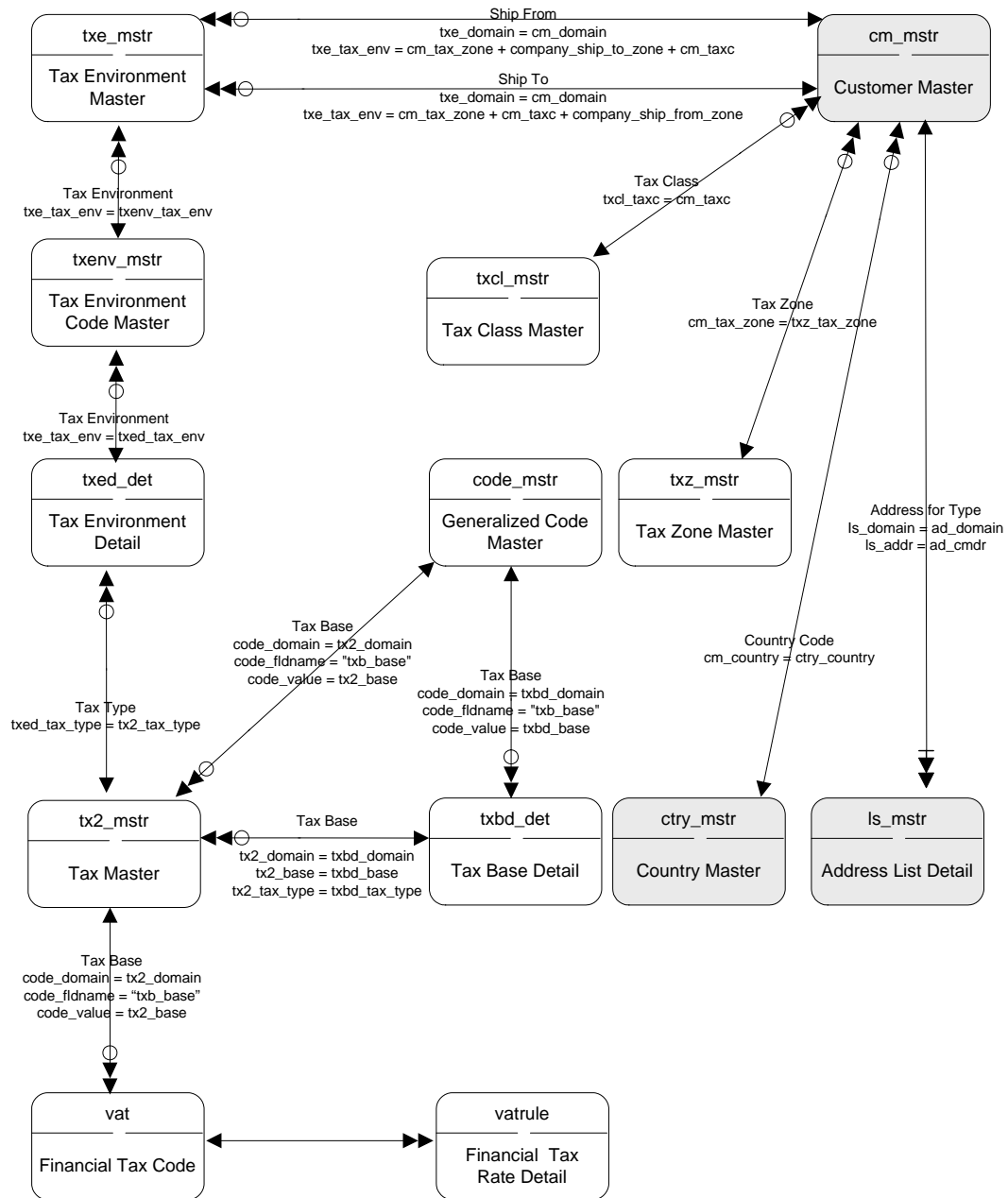
# Global Requisition System



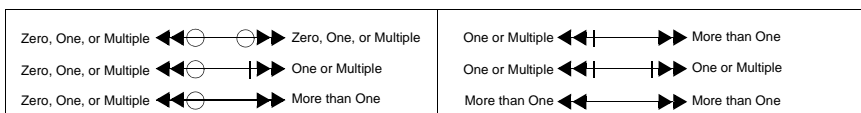
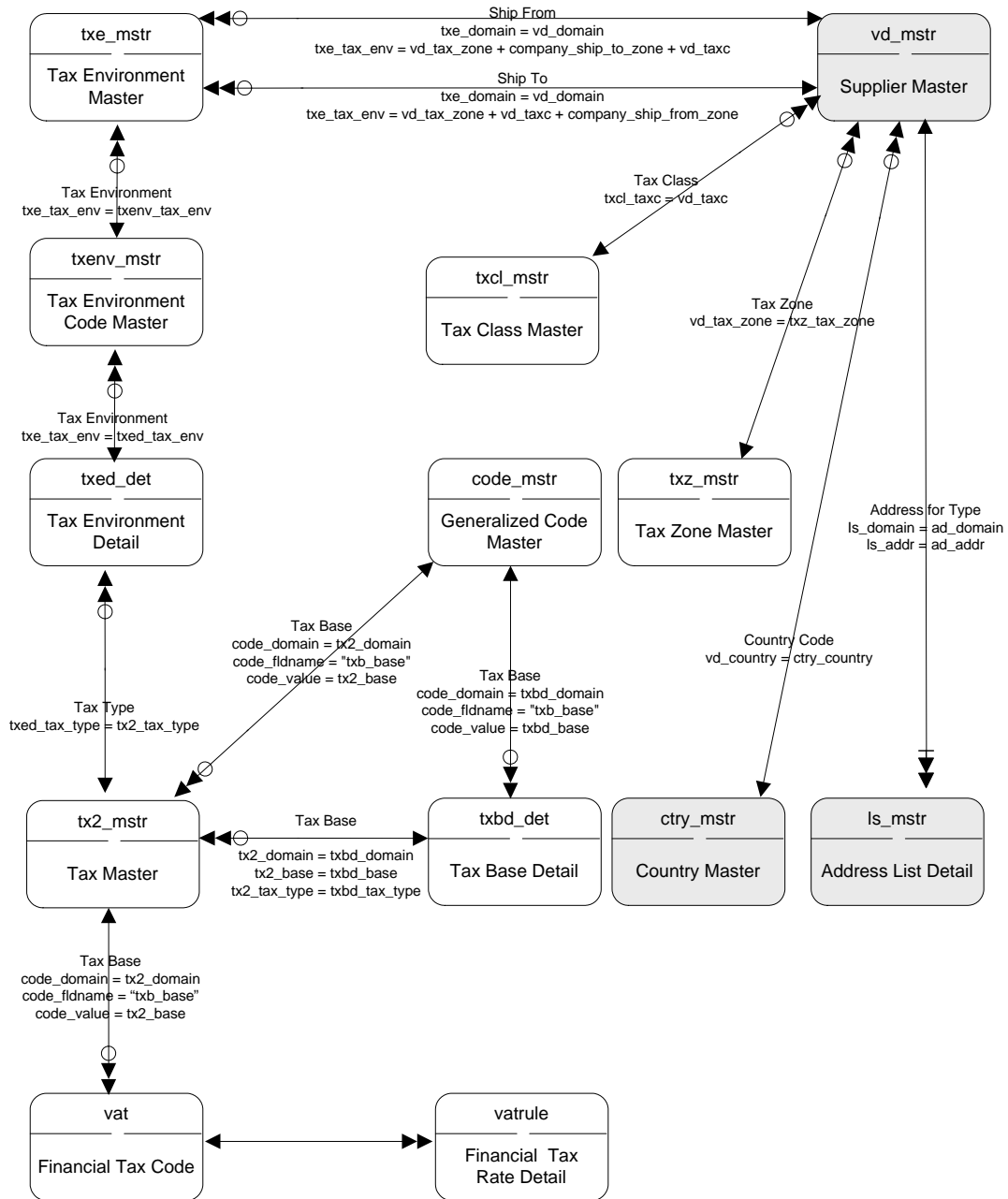
# GTM Address Master Data



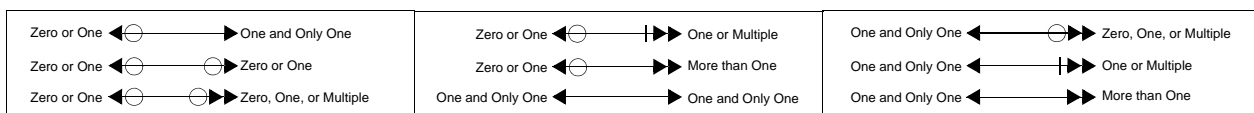
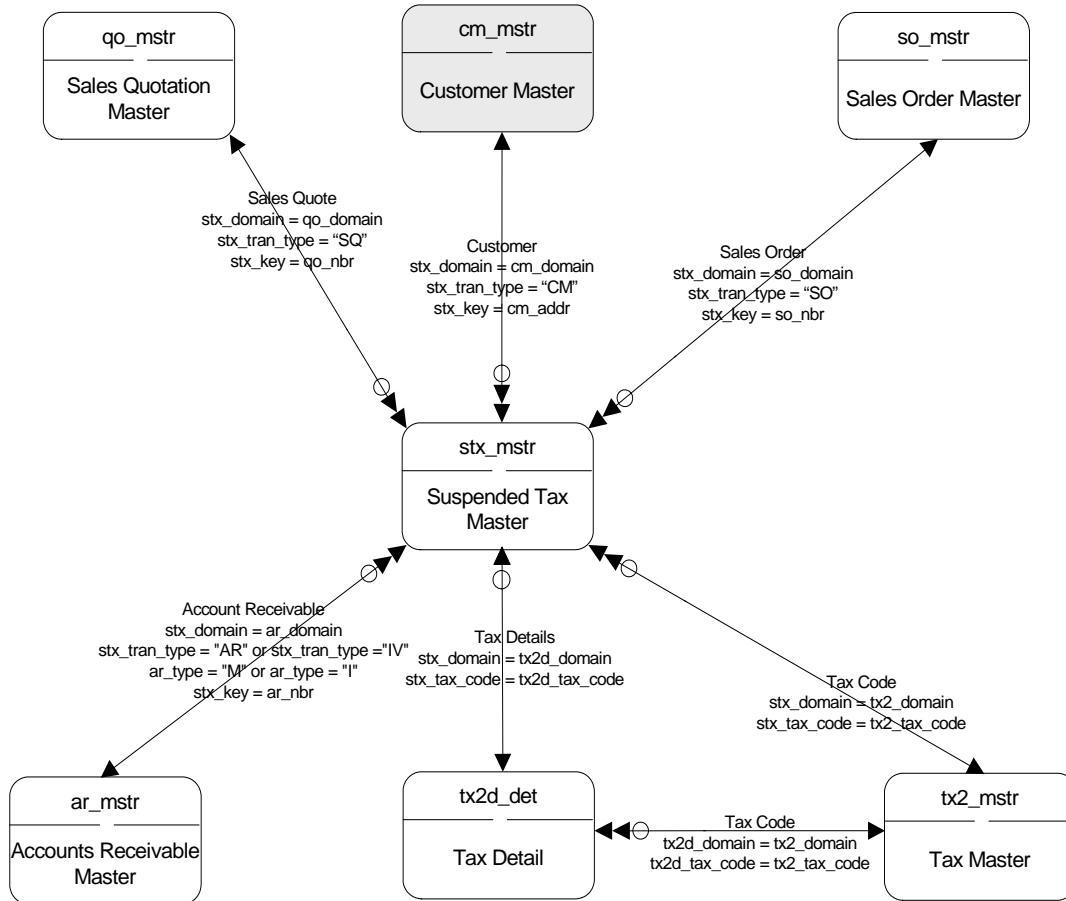
## GTM Customer Master Data



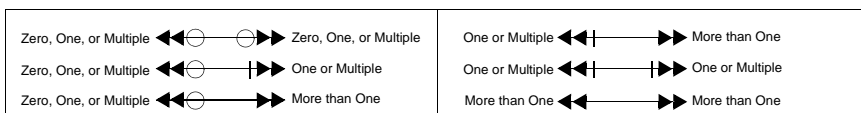
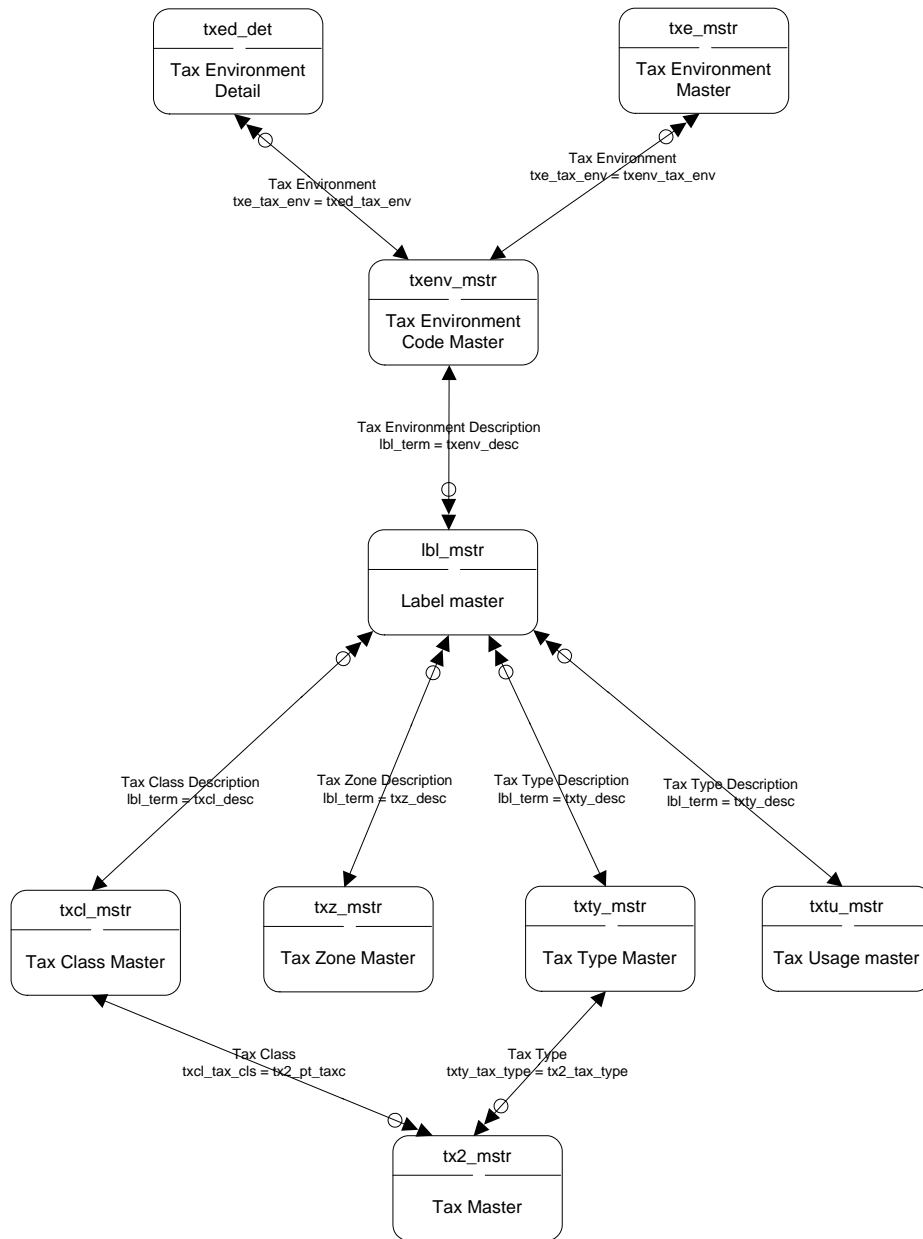
# GTM Supplier Master Data



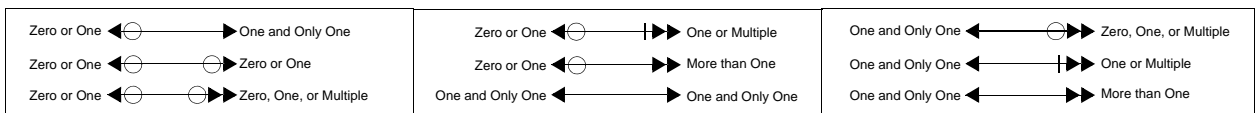
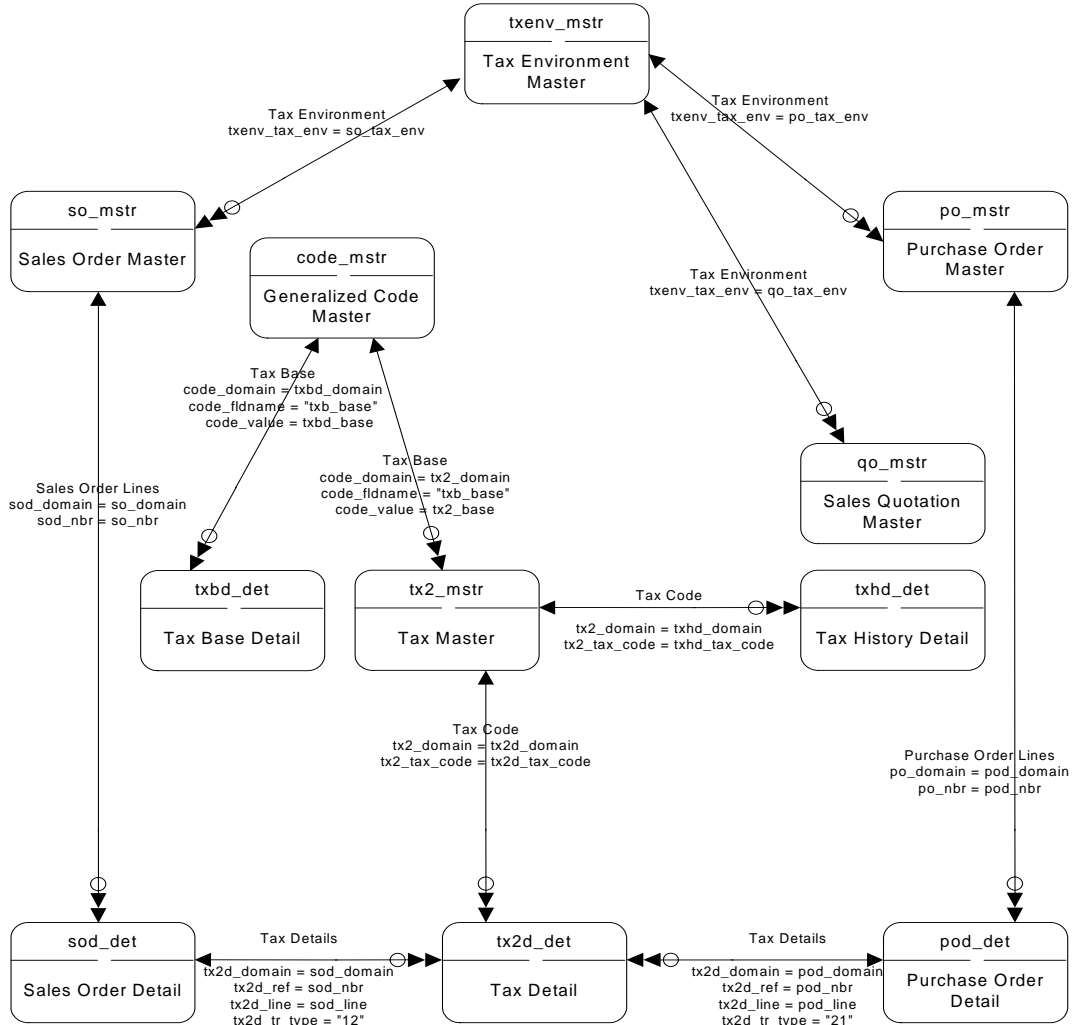
## GTM Suspended Tax



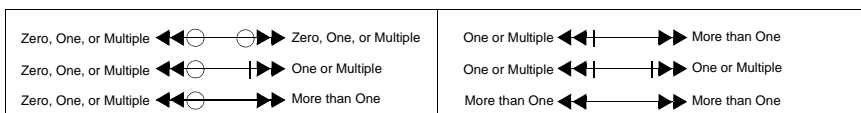
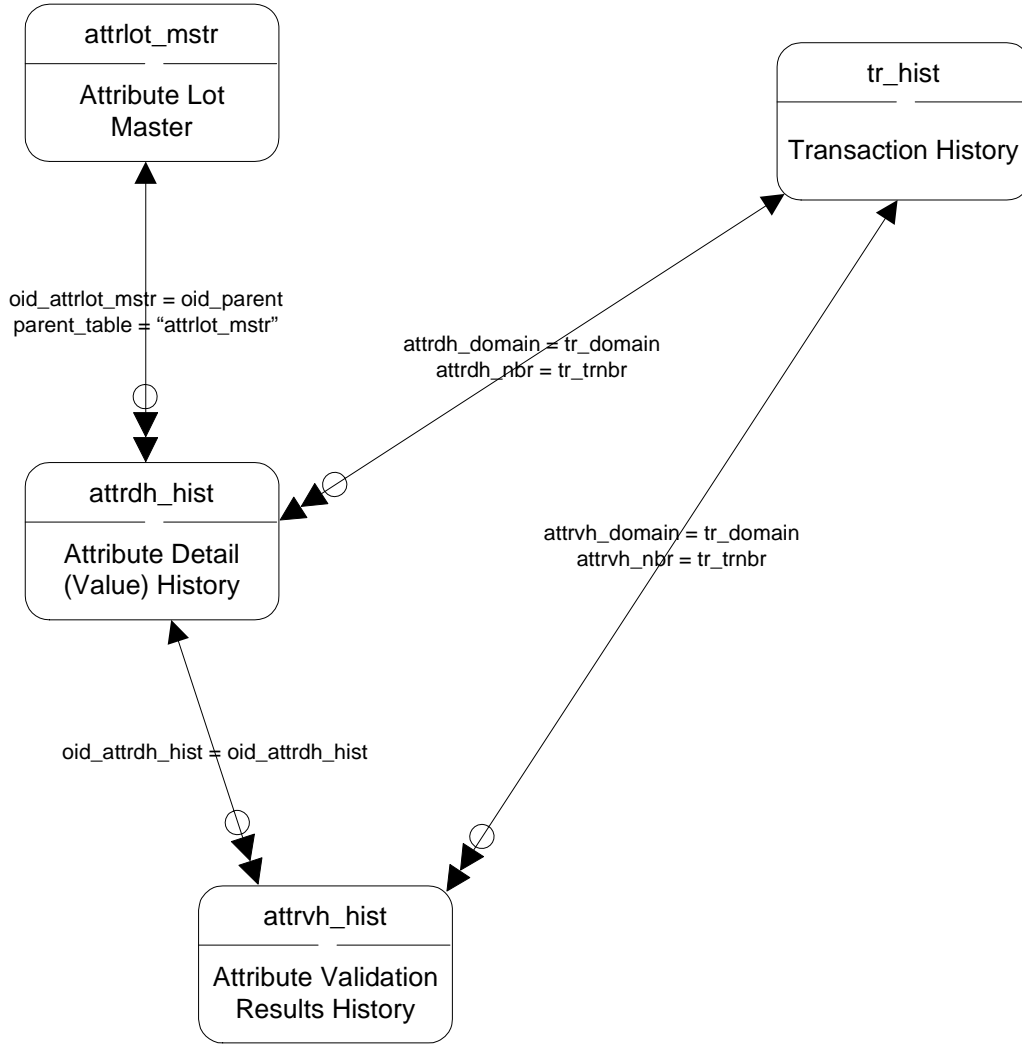
# GTM Tax Master Data



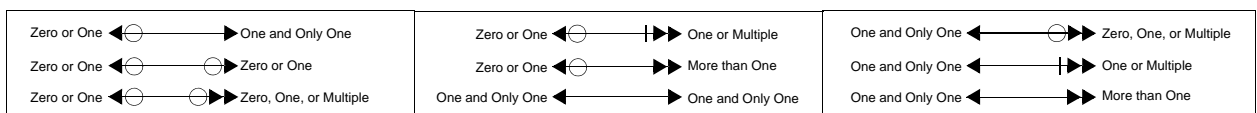
## GTM Transactions



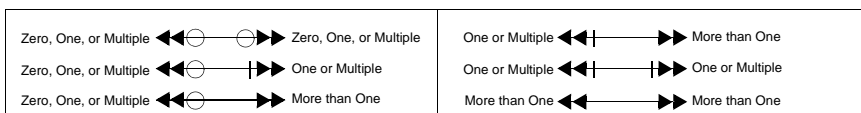
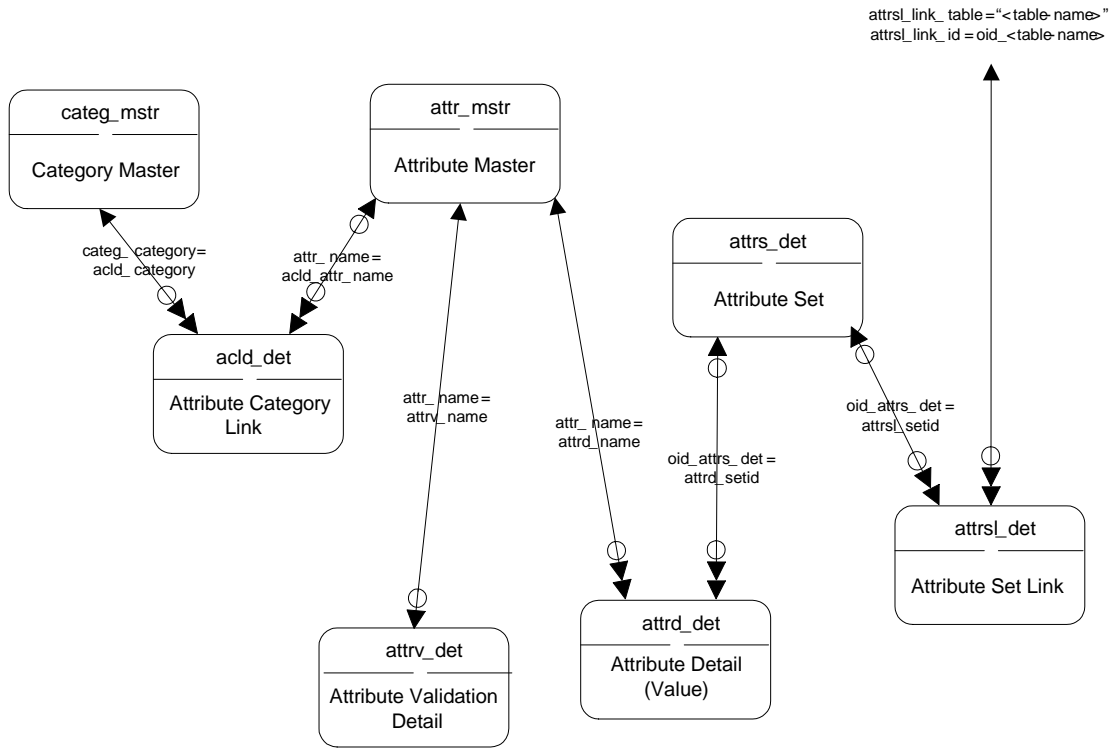
# IAQ - Attribute Value History



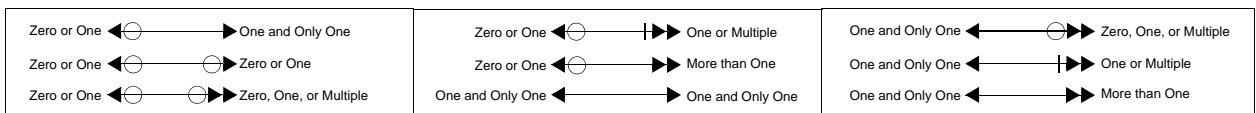
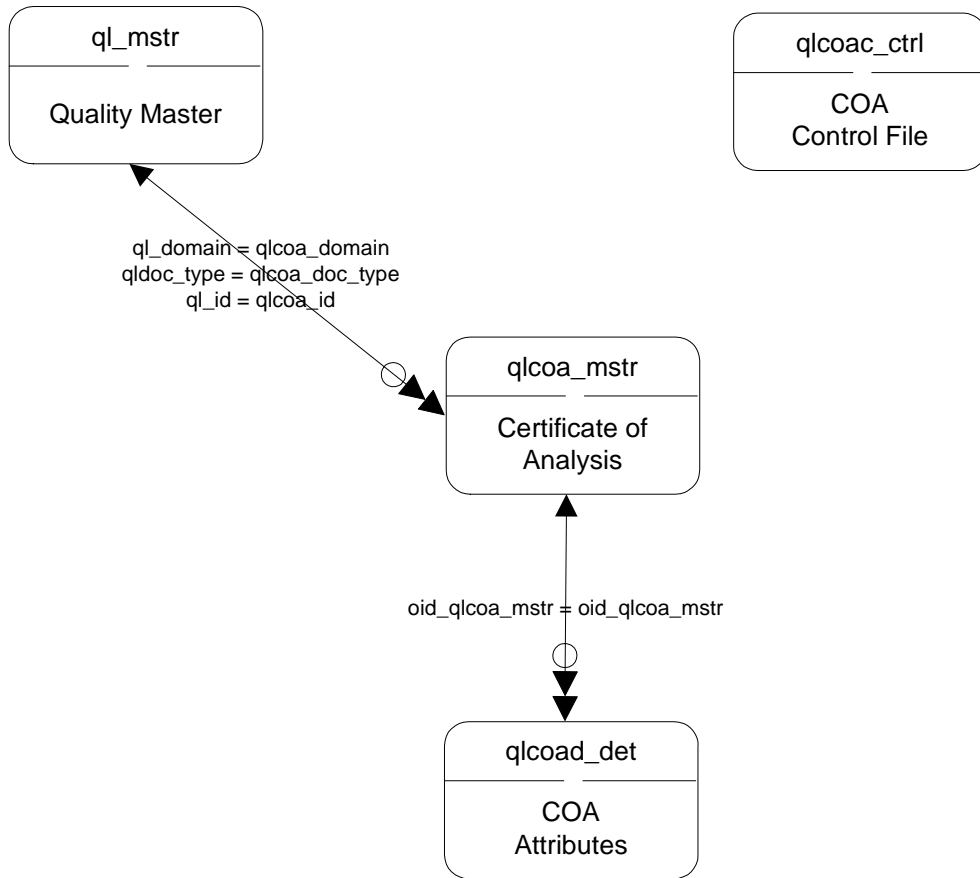
## IAQ - Attribute Values



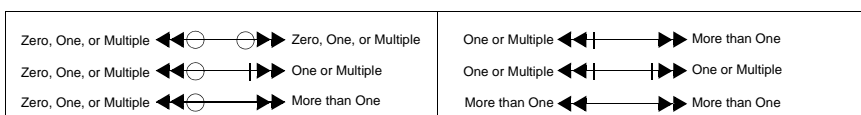
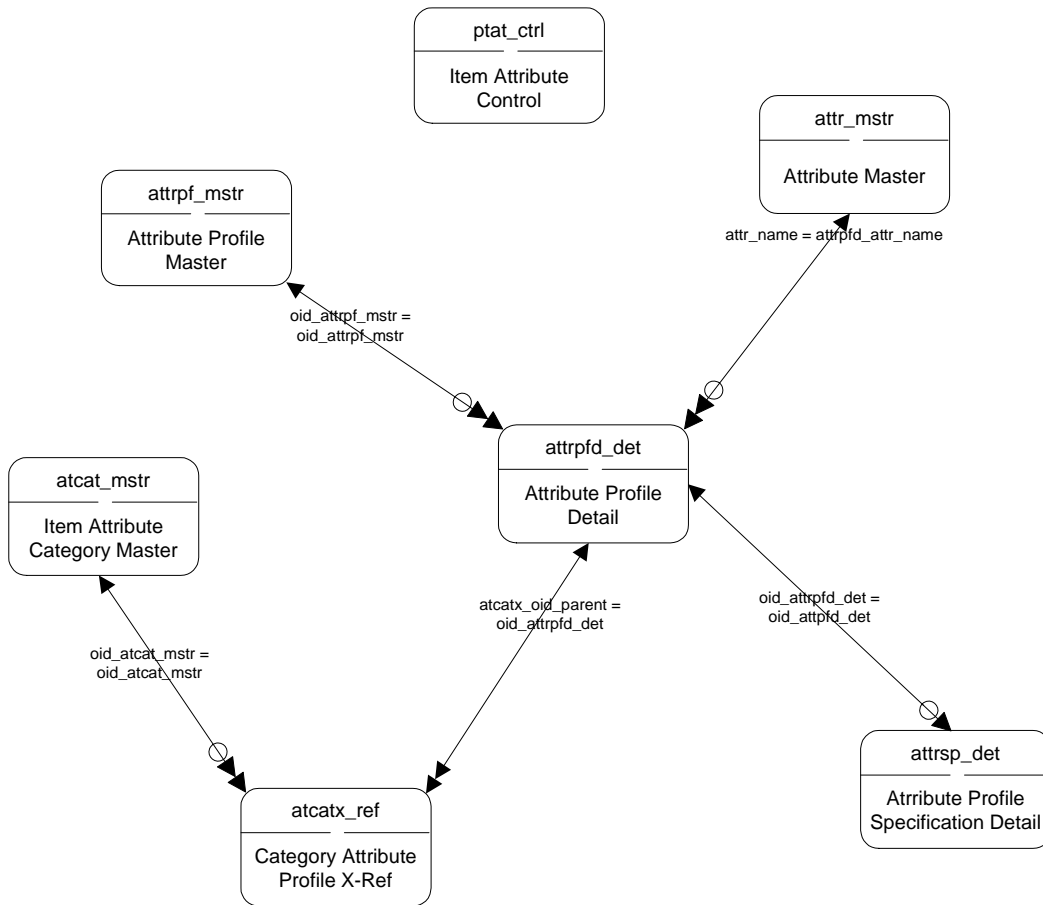
# IAQ - Attributes Business Service



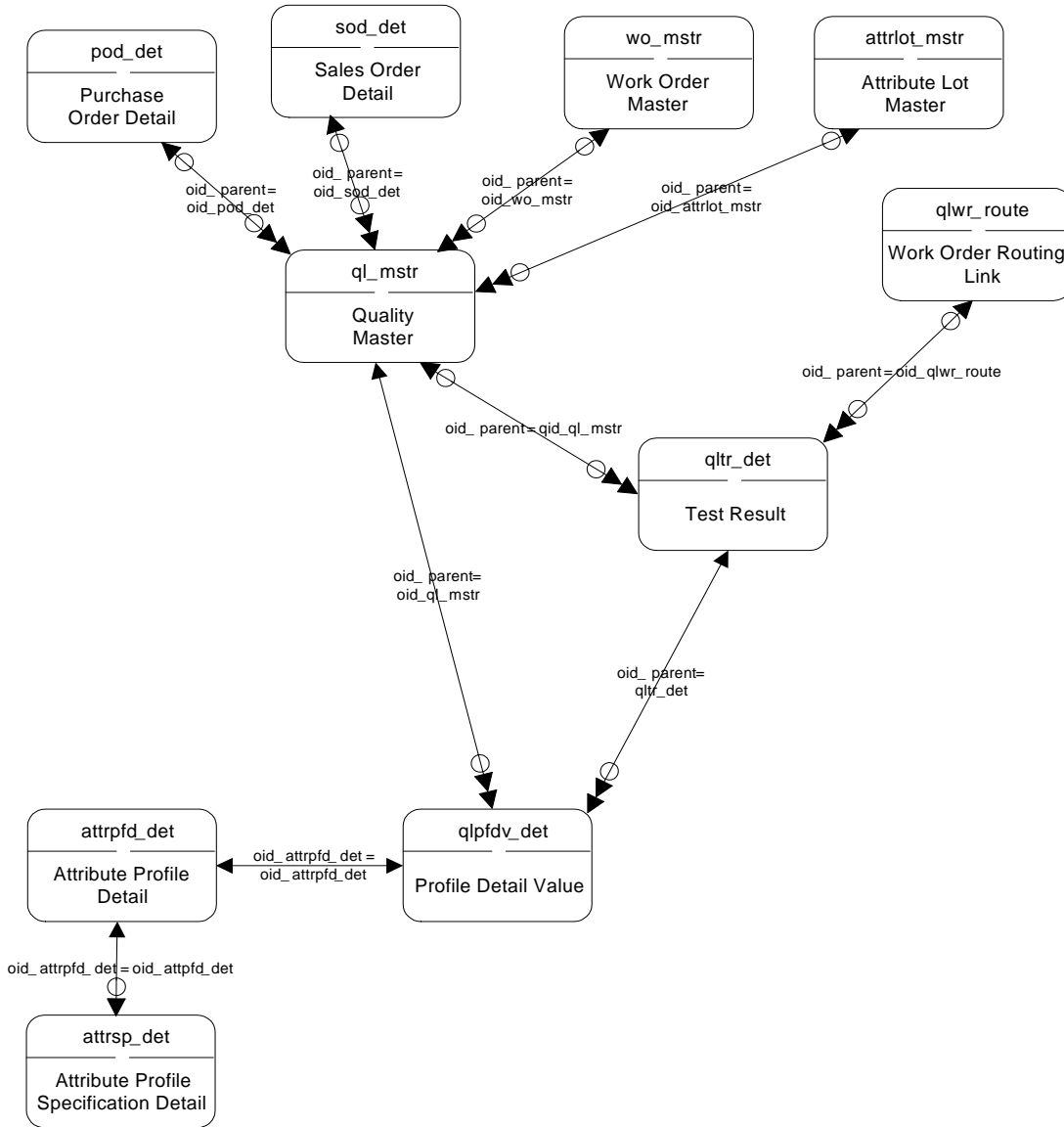
## IAQ - Certificate of Analysis



# IAQ - Item Attribute Profiles

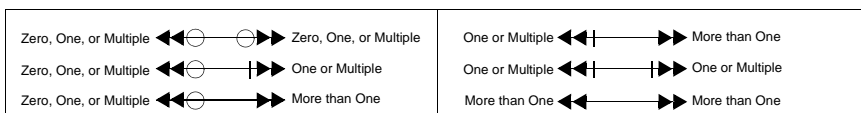
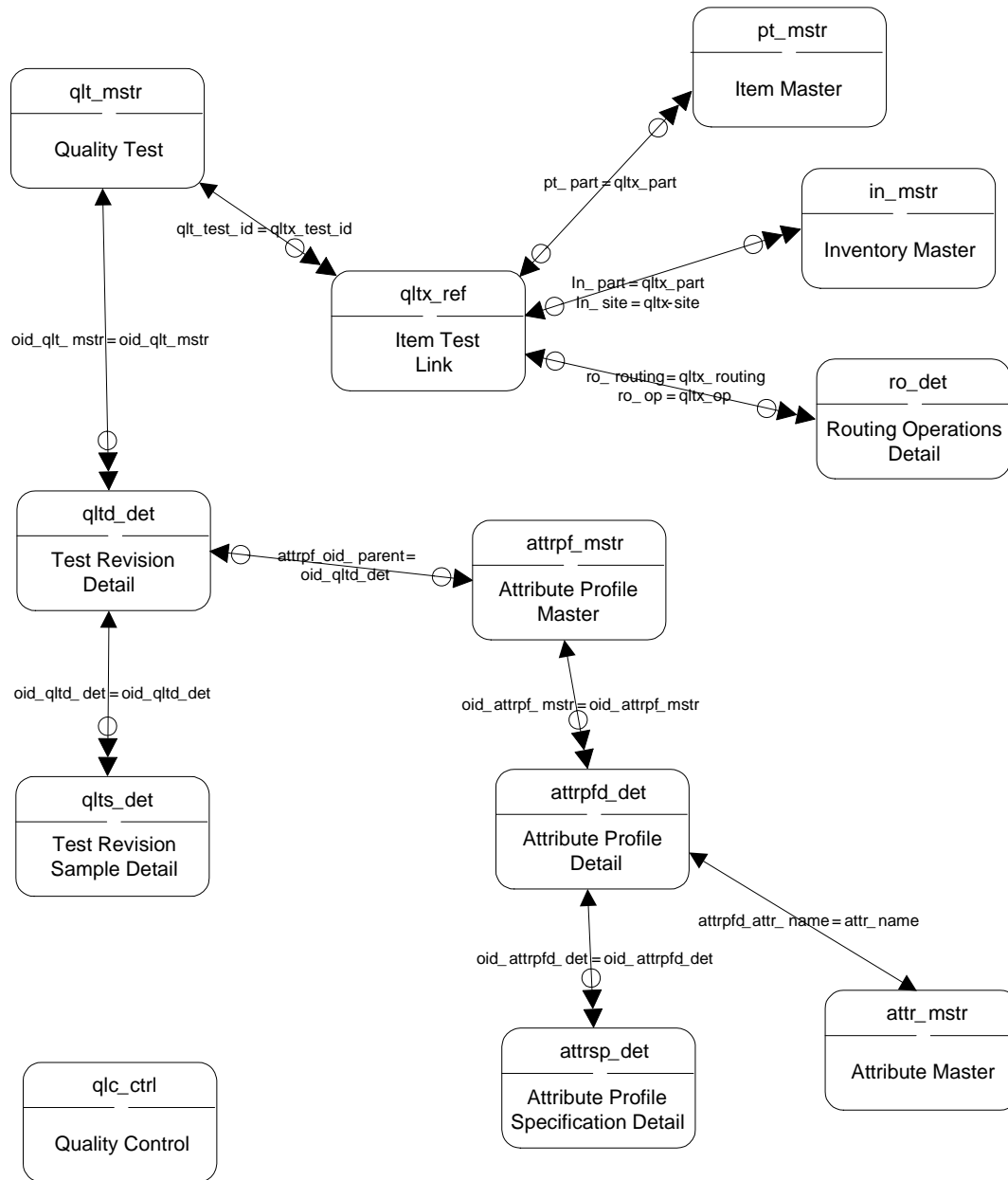


## IAQ - Quality Orders

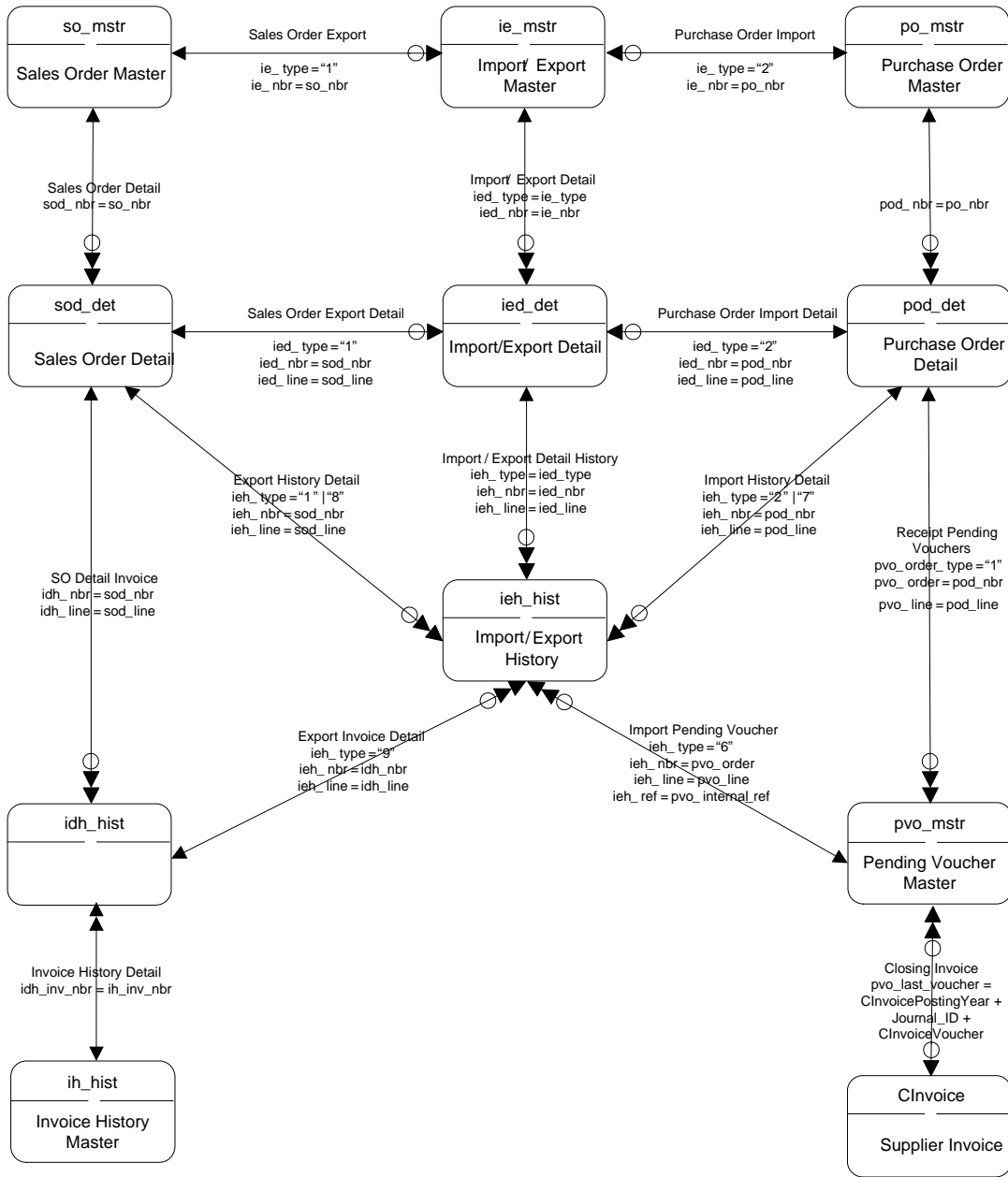


|   |  |   |
|---|--|---|
| Zero or One $\leftarrow \ominus \longrightarrow$ One and Only One             | Zero or One $\leftarrow \ominus \parallel \longrightarrow$ One or Multiple | One and Only One $\leftarrow \ominus \longrightarrow$ Zero, One, or Multiple    |
| Zero or One $\leftarrow \ominus \circ \longrightarrow$ Zero or One            | Zero or One $\leftarrow \ominus \longrightarrow$ More than One             | One and Only One $\leftarrow \ominus \parallel \longrightarrow$ One or Multiple |
| Zero or One $\leftarrow \ominus \circ \longrightarrow$ Zero, One, or Multiple | One and Only One $\leftarrow \ominus \longrightarrow$ One and Only One     | One and Only One $\leftarrow \ominus \longrightarrow$ More than One             |

# IAQ - Quality Setup

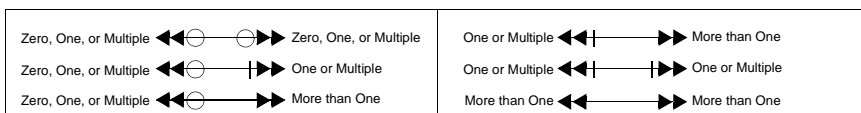
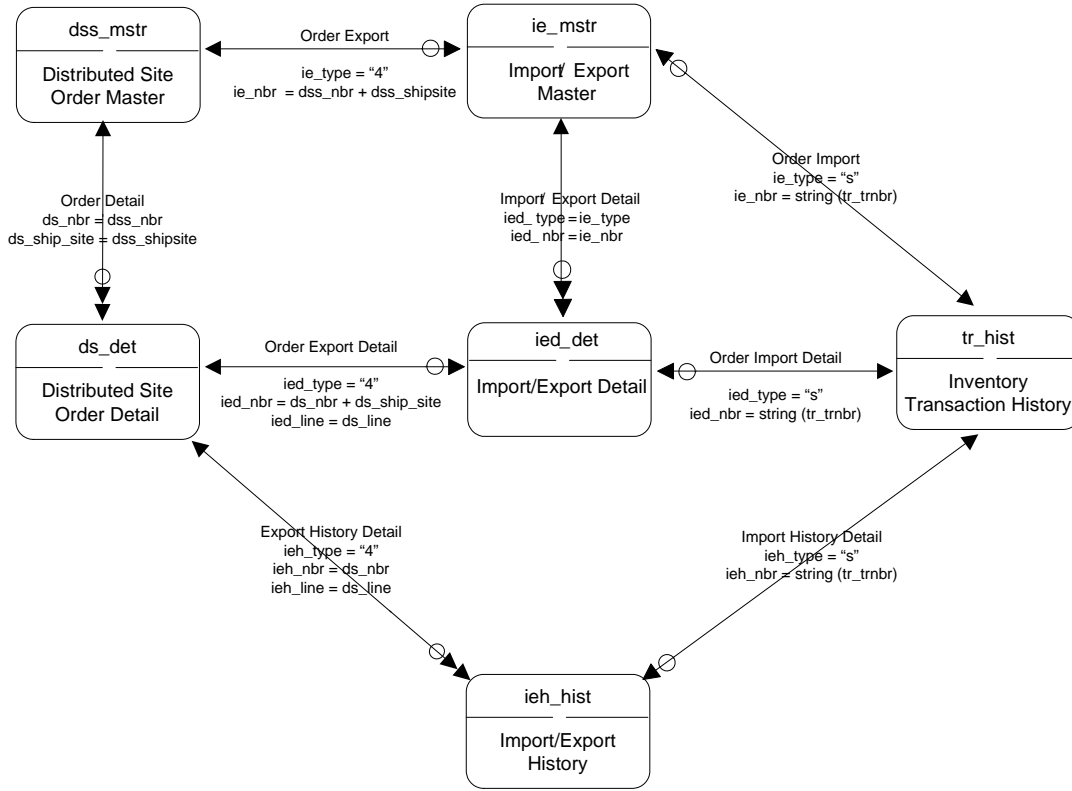


# Intrastat

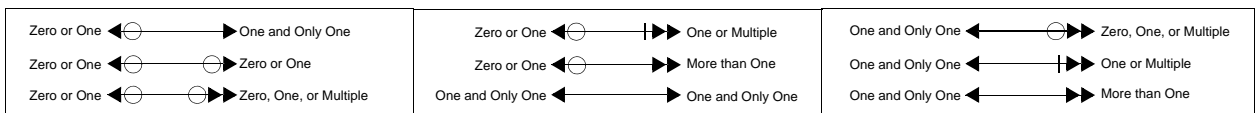
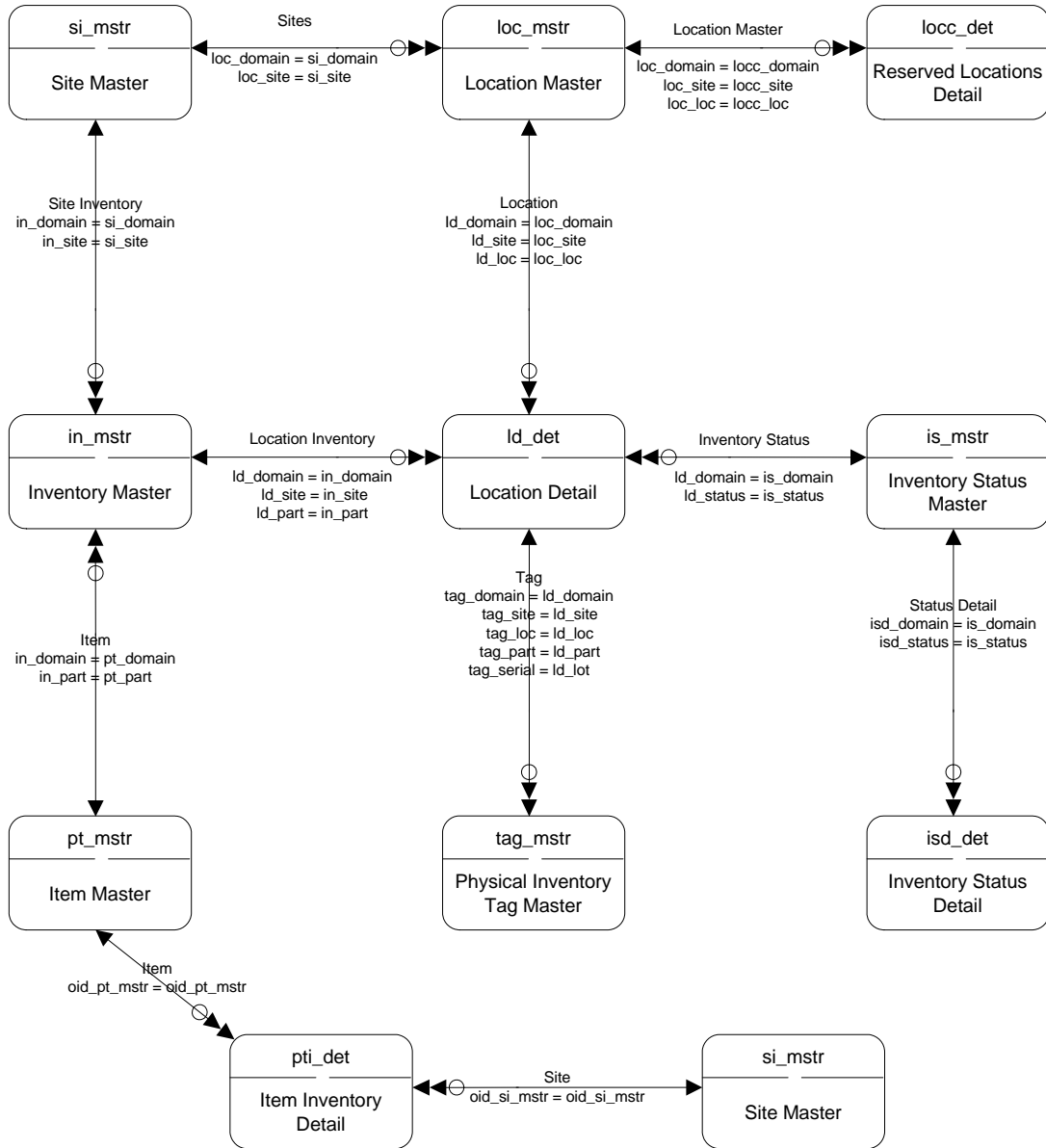


|             |                        |                  |                  |                  |                        |
|-------------|------------------------|------------------|------------------|------------------|------------------------|
| Zero or One | One and Only One       | Zero or One      | One or Multiple  | One and Only One | Zero, One, or Multiple |
| Zero or One | Zero or One            | Zero or One      | More than One    | One and Only One | One or Multiple        |
| Zero or One | Zero, One, or Multiple | One and Only One | One and Only One | One and Only One | More than One          |

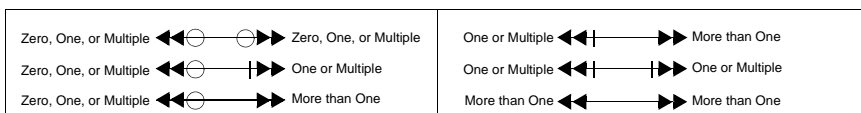
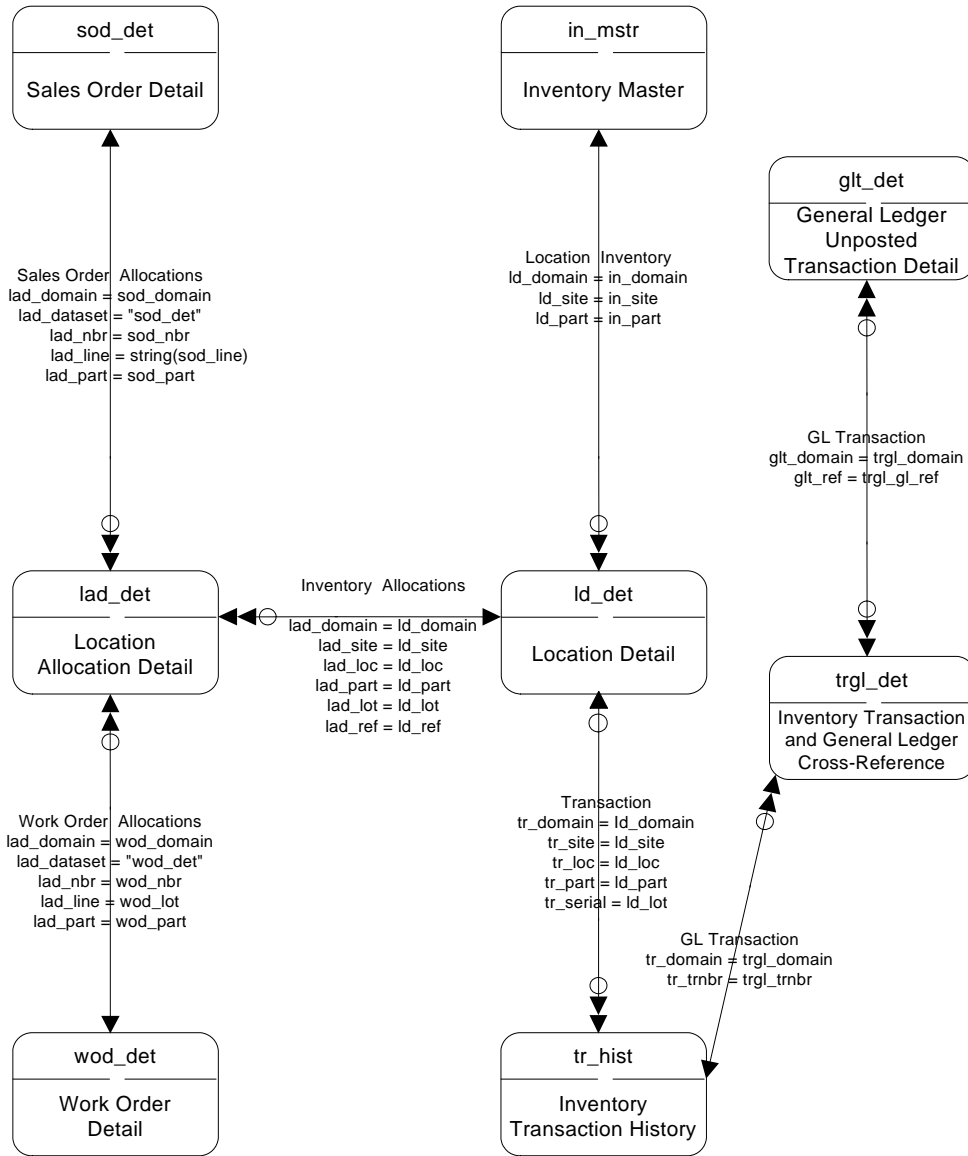
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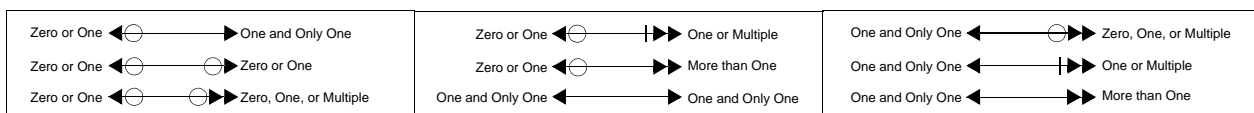
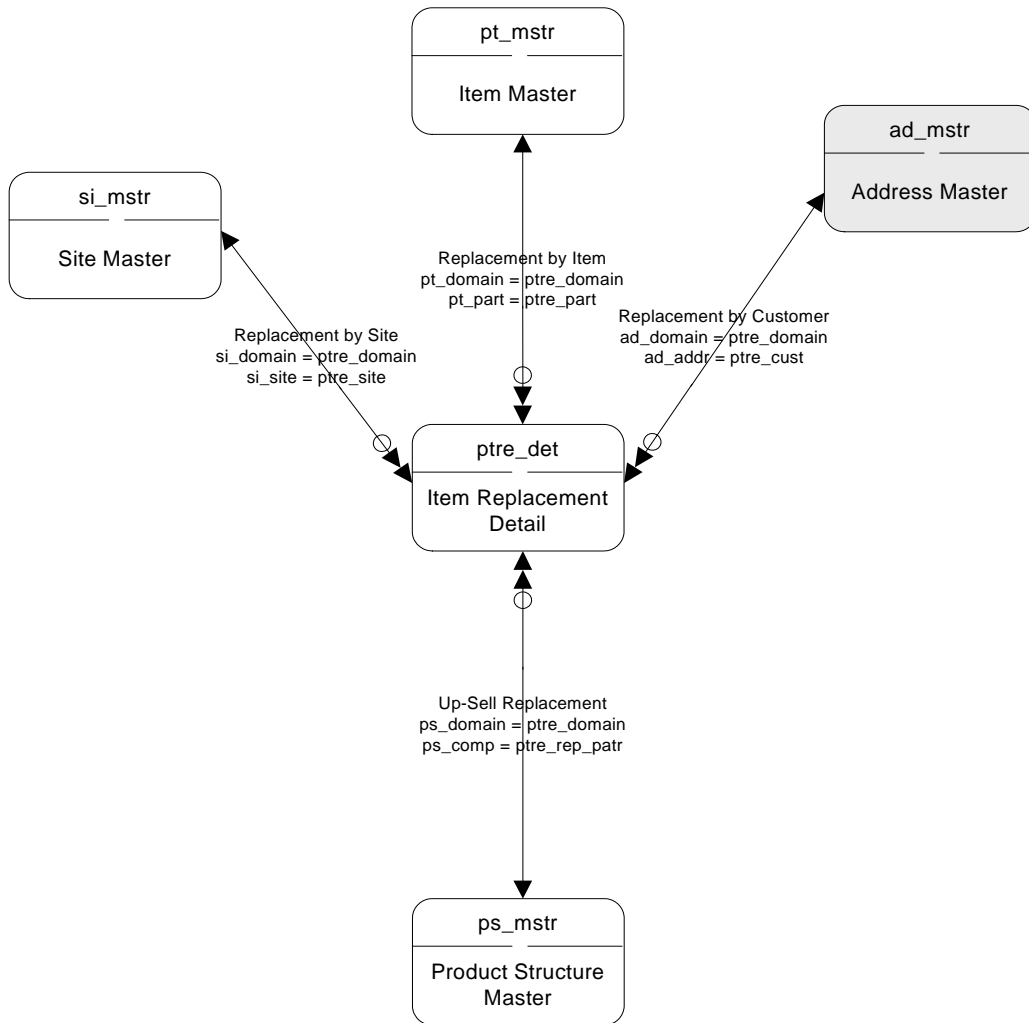
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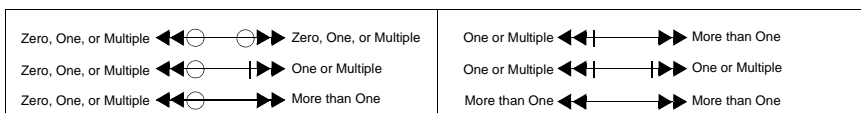
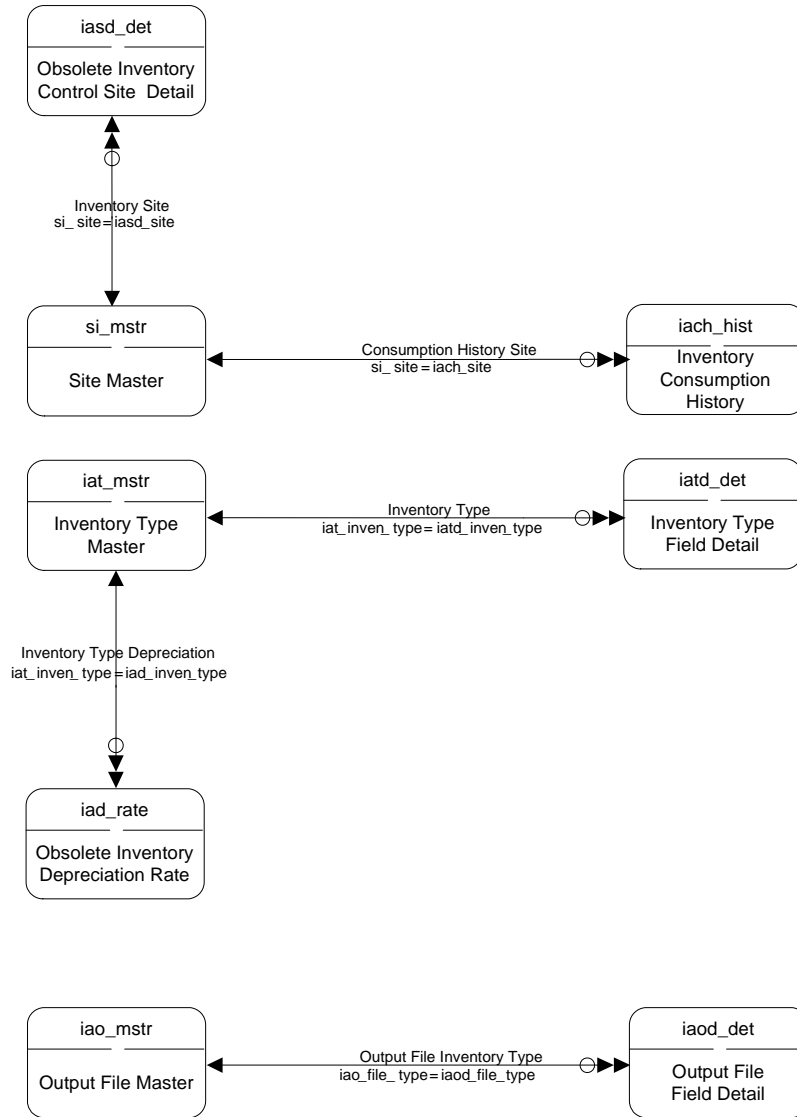
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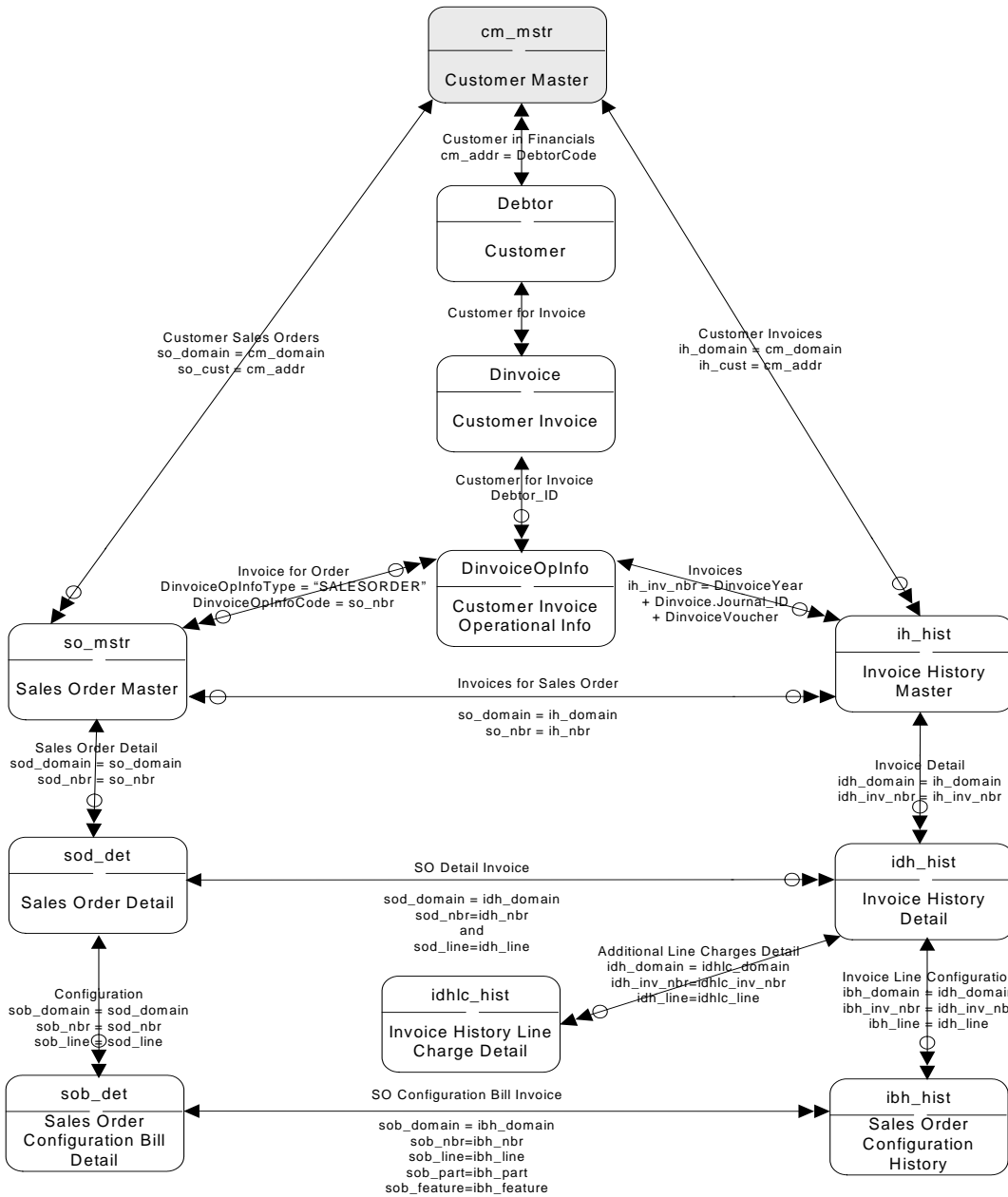
## Inventory III



# Inventory IV

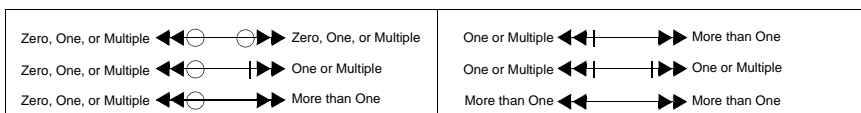
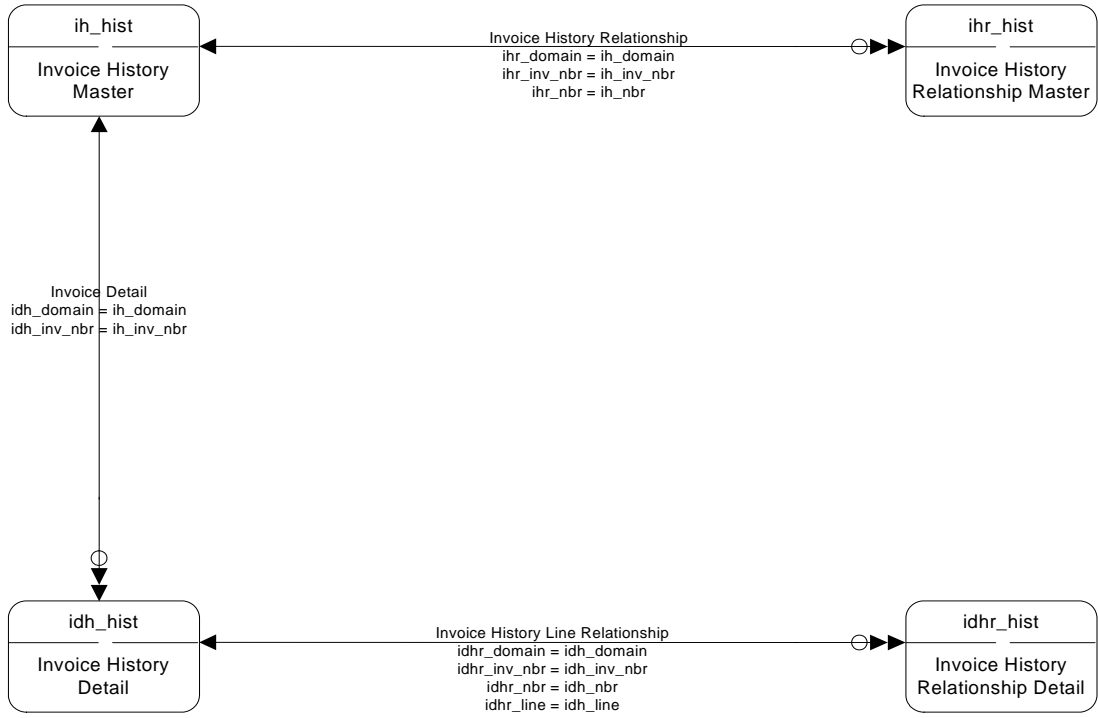


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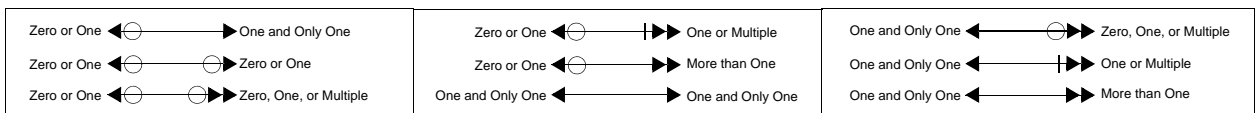
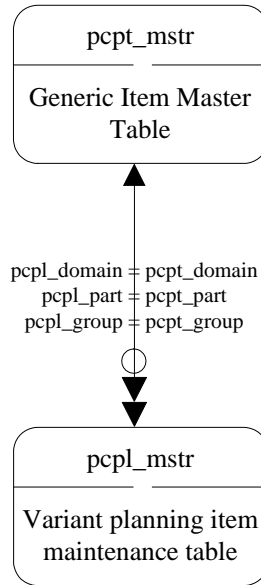


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|---|--|--|
| Zero or One $\leftarrow \ominus \longrightarrow$ One and Only One             | Zero or One $\leftarrow \ominus \parallel \longrightarrow$ One or Multiple | One and Only One $\leftarrow \ominus \circ \longrightarrow$ Zero, One, or Multiple |
| Zero or One $\leftarrow \ominus \circ \longrightarrow$ Zero or One            | Zero or One $\leftarrow \ominus \parallel \longrightarrow$ More than One   | One and Only One $\leftarrow \ominus \parallel \longrightarrow$ One or Multiple    |
| Zero or One $\leftarrow \ominus \circ \longrightarrow$ Zero, One, or Multiple | One and Only One $\leftarrow \ominus \longrightarrow$ One and Only One     | One and Only One $\leftarrow \ominus \parallel \longrightarrow$ More than One      |

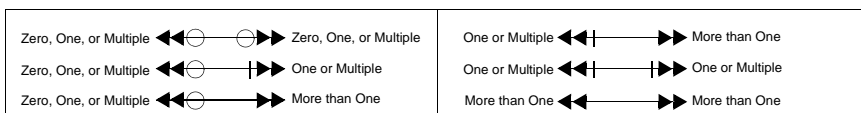
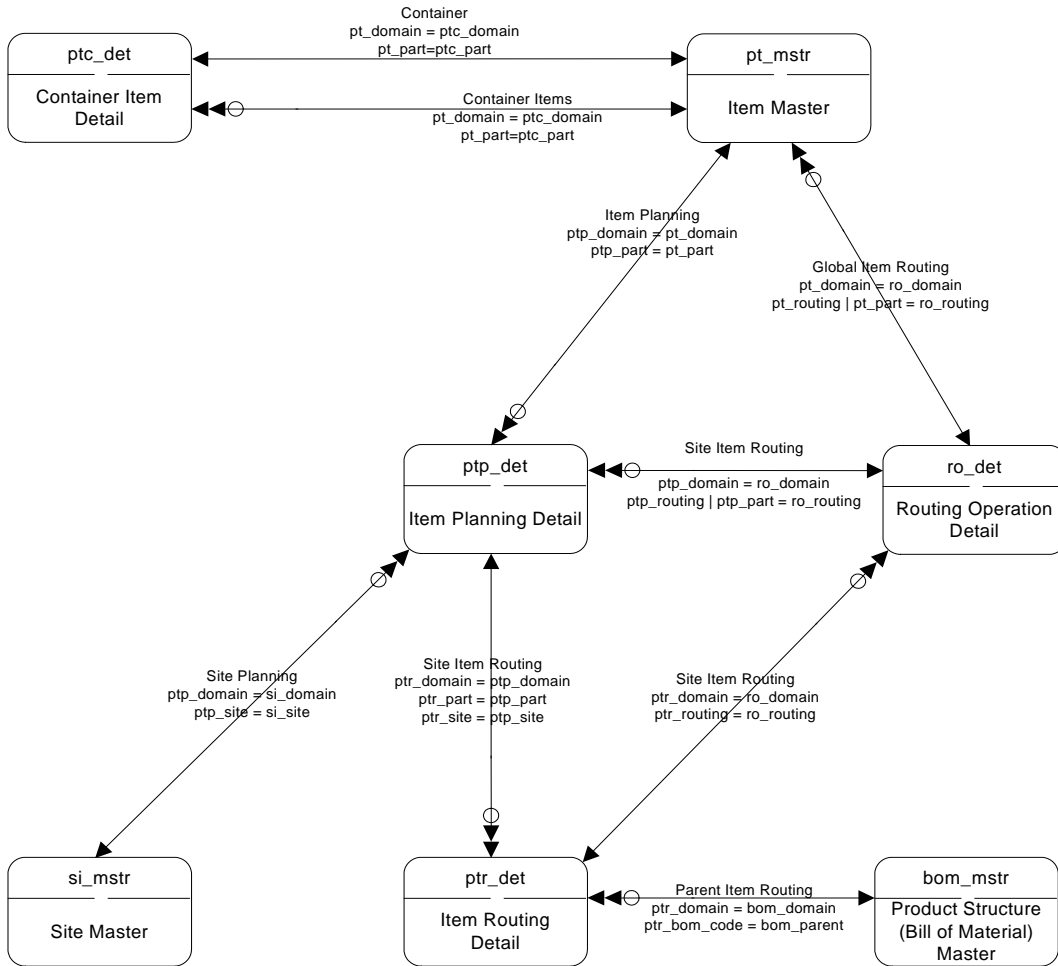
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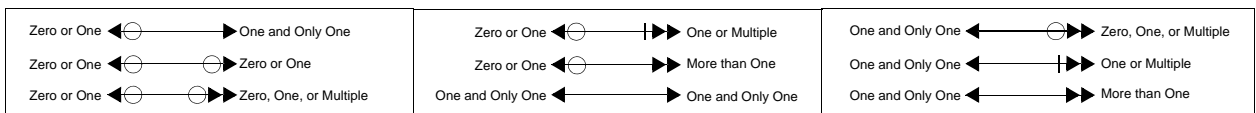
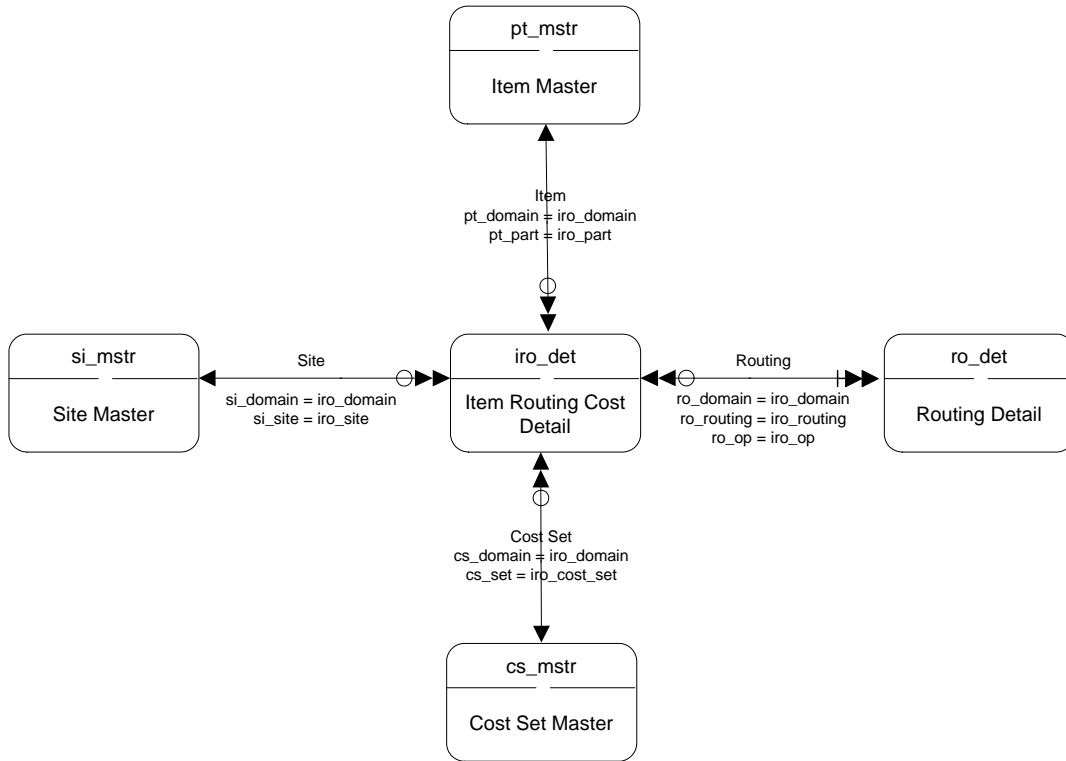
## Item Planning



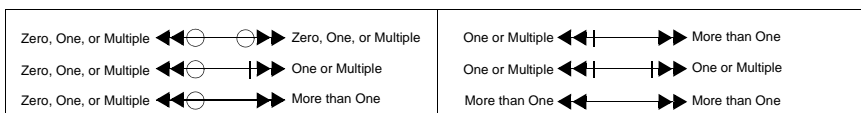
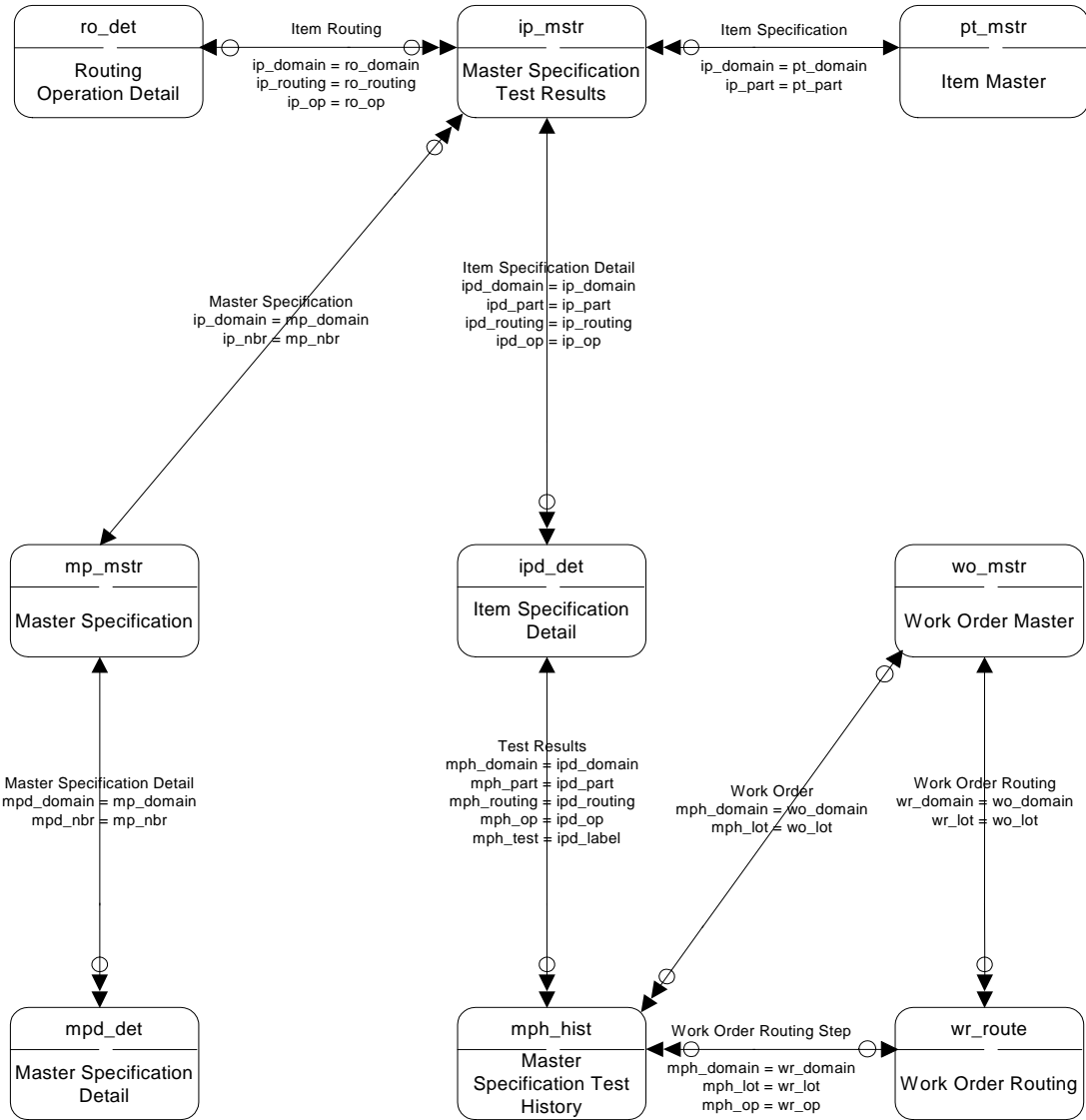
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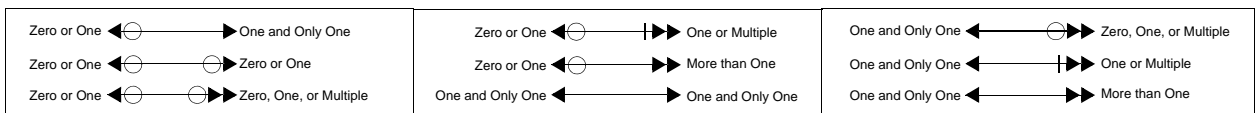
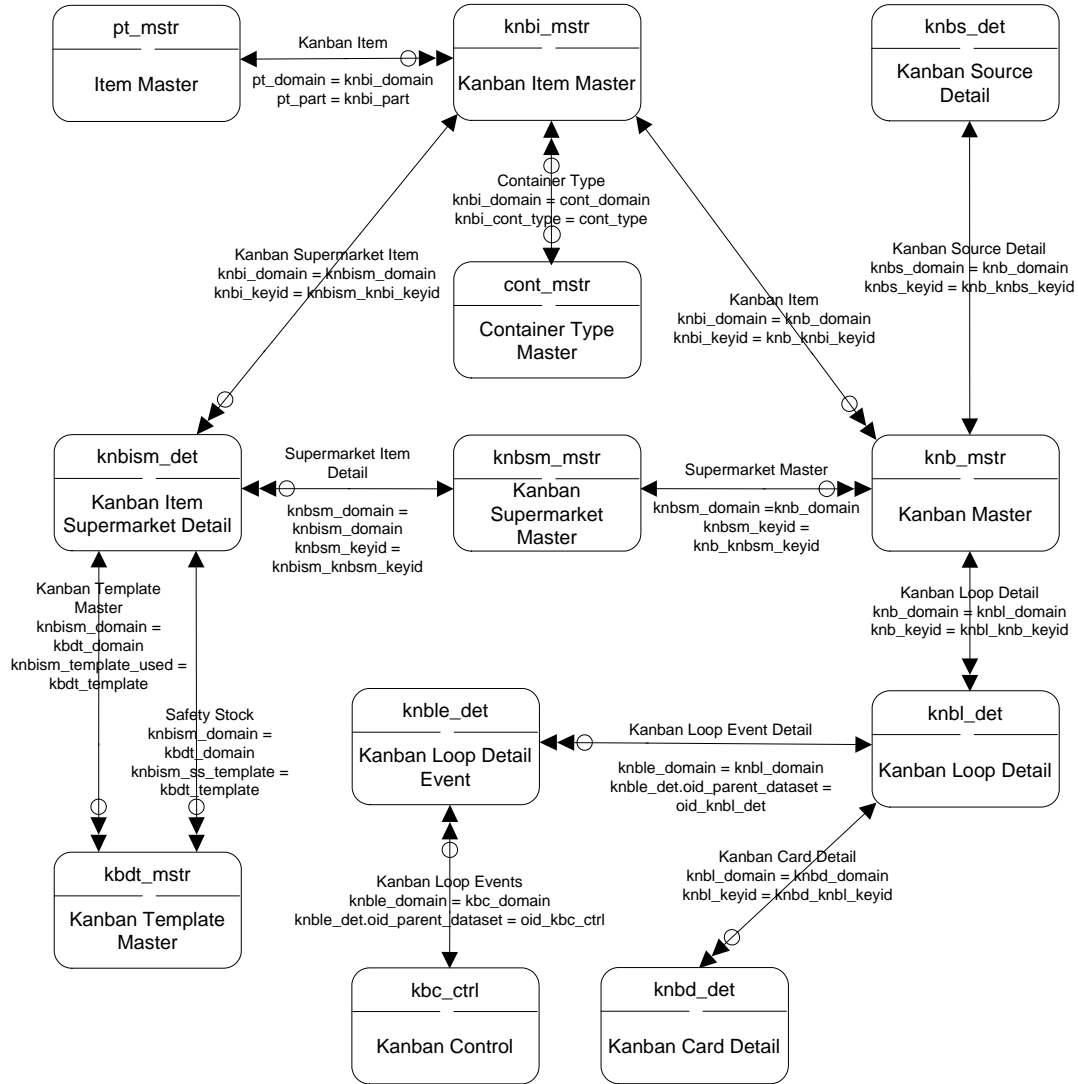
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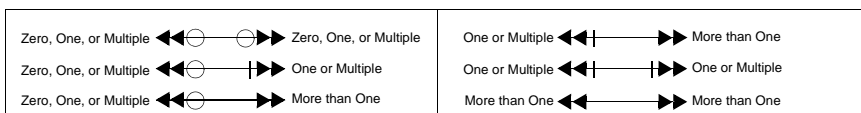
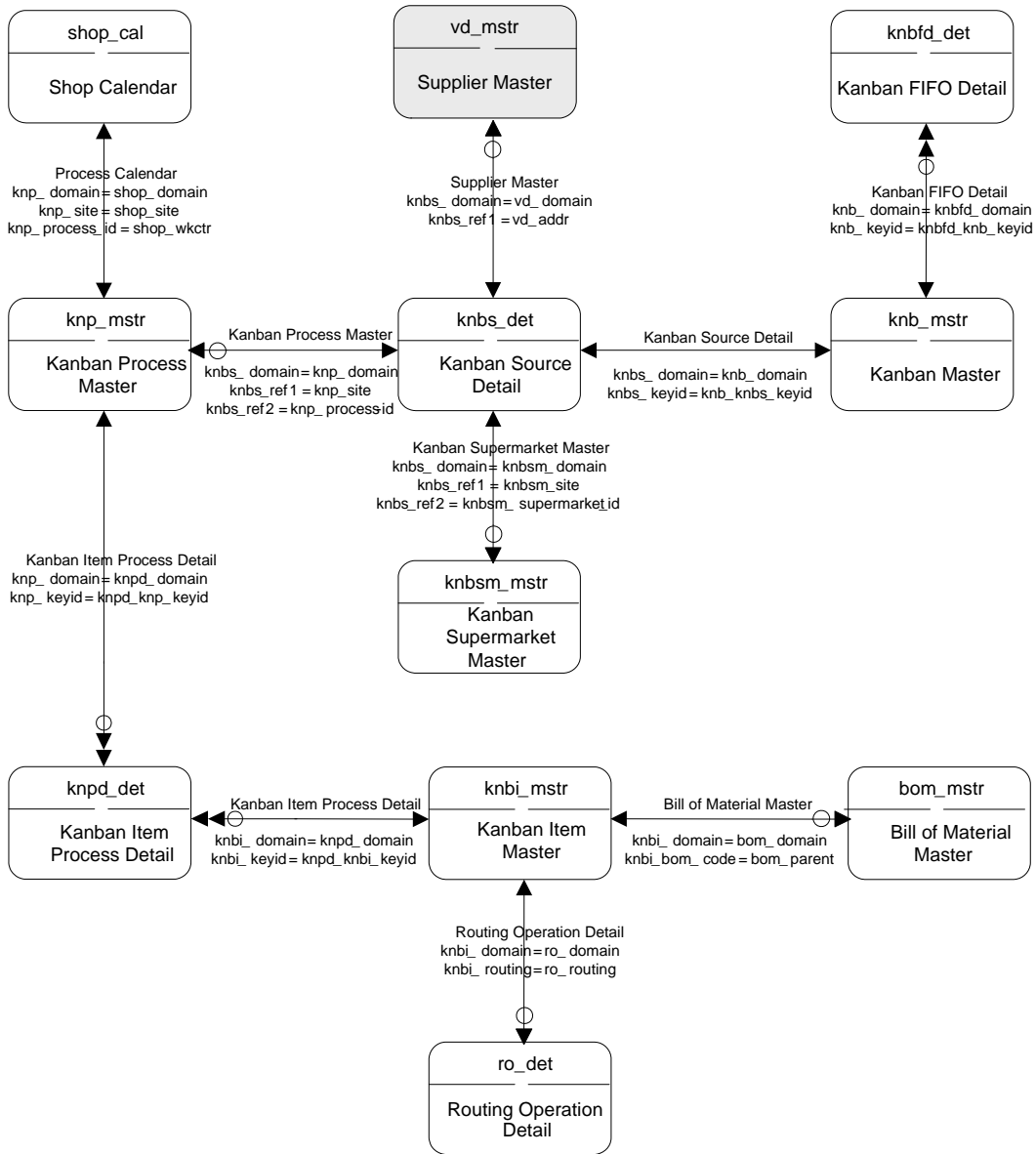
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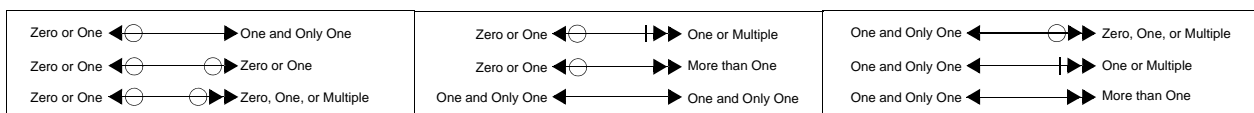
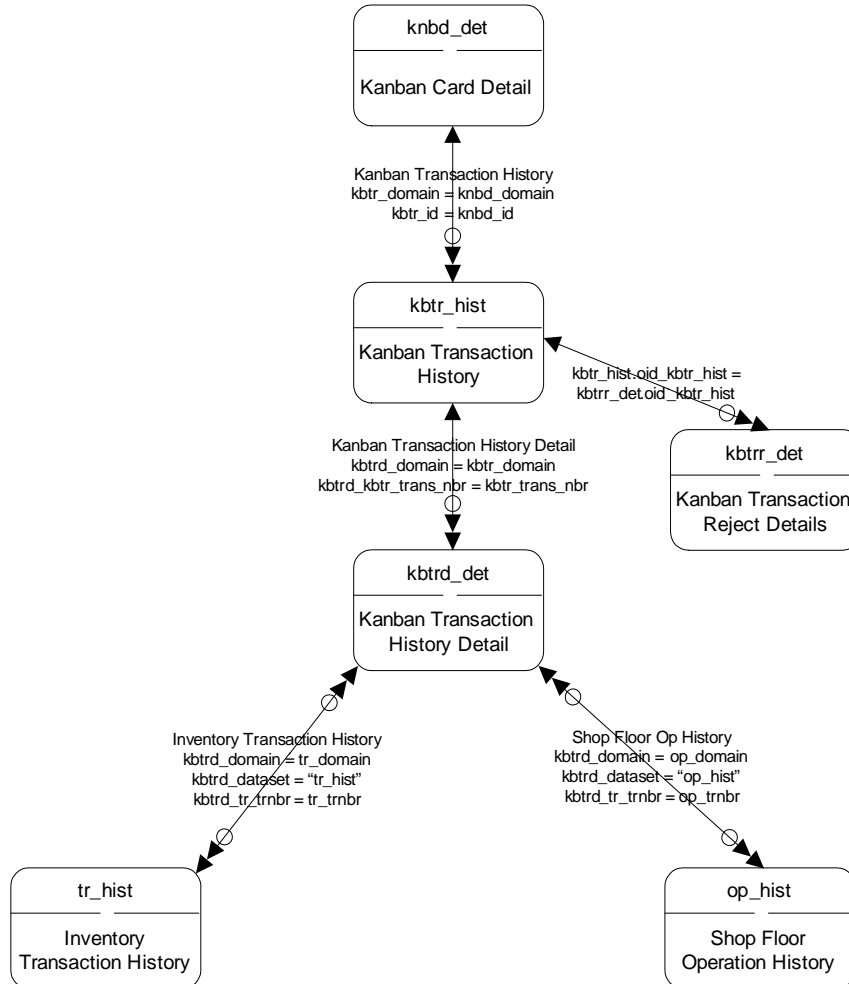
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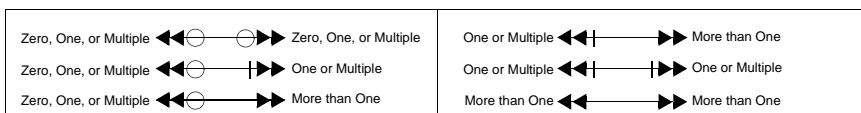
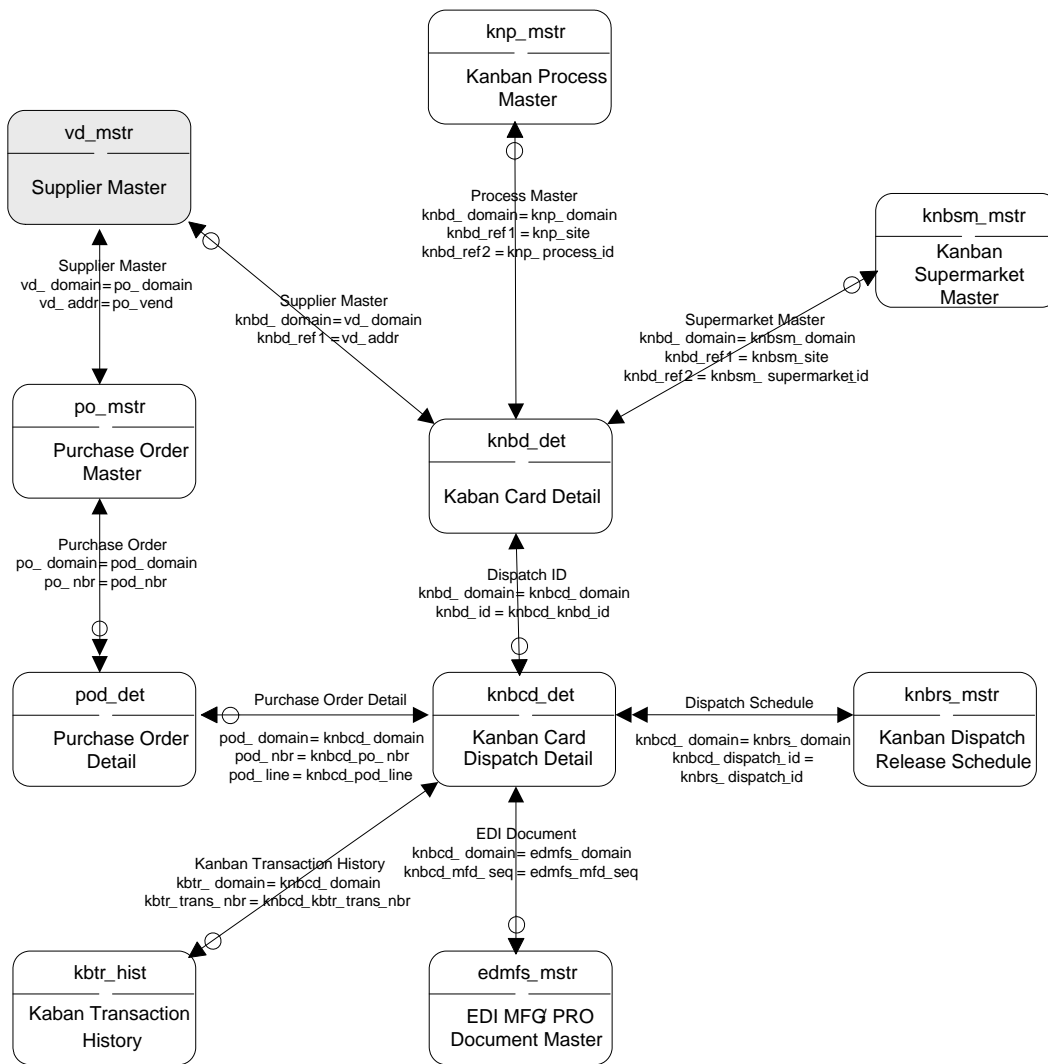
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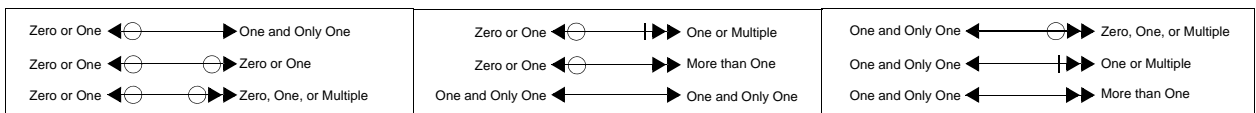
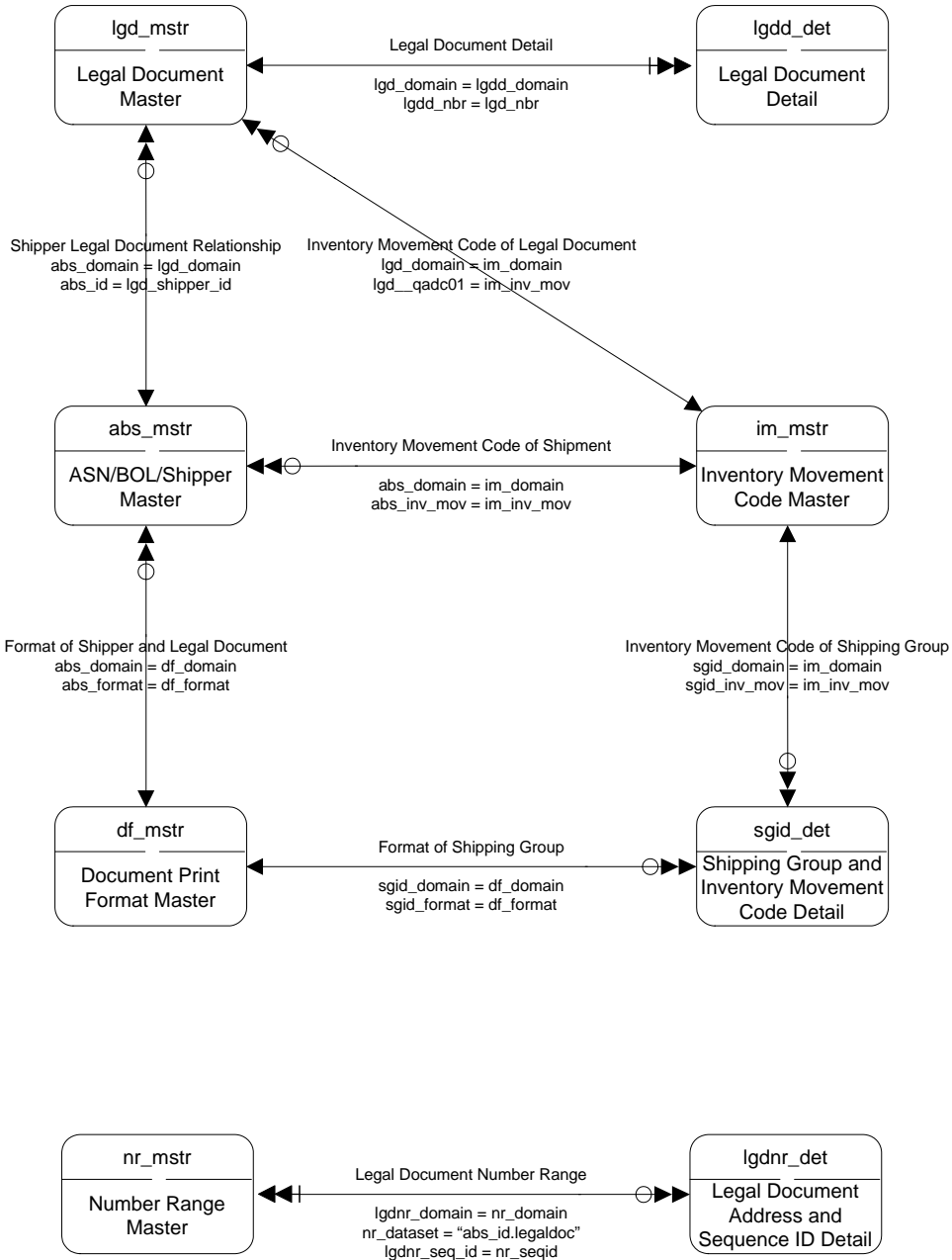
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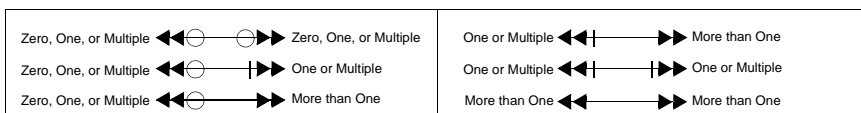
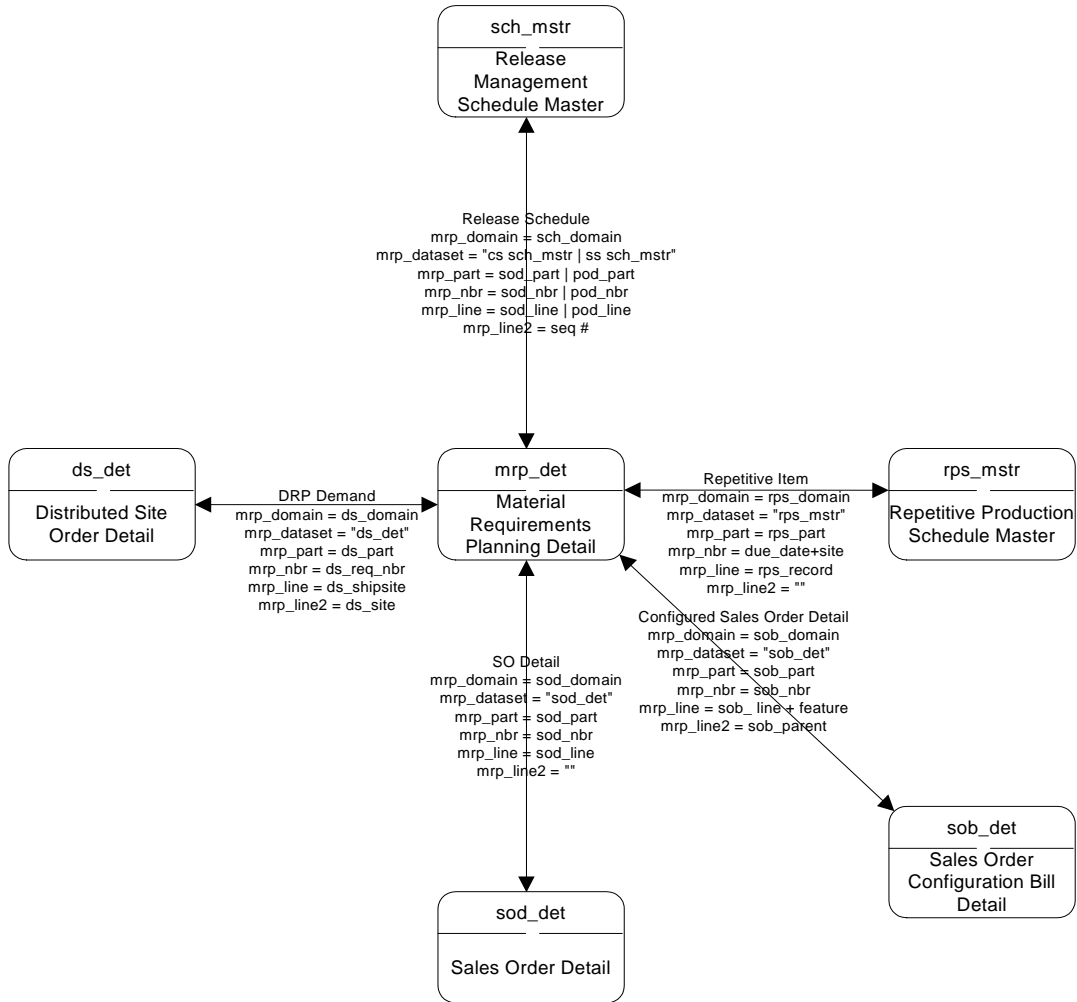
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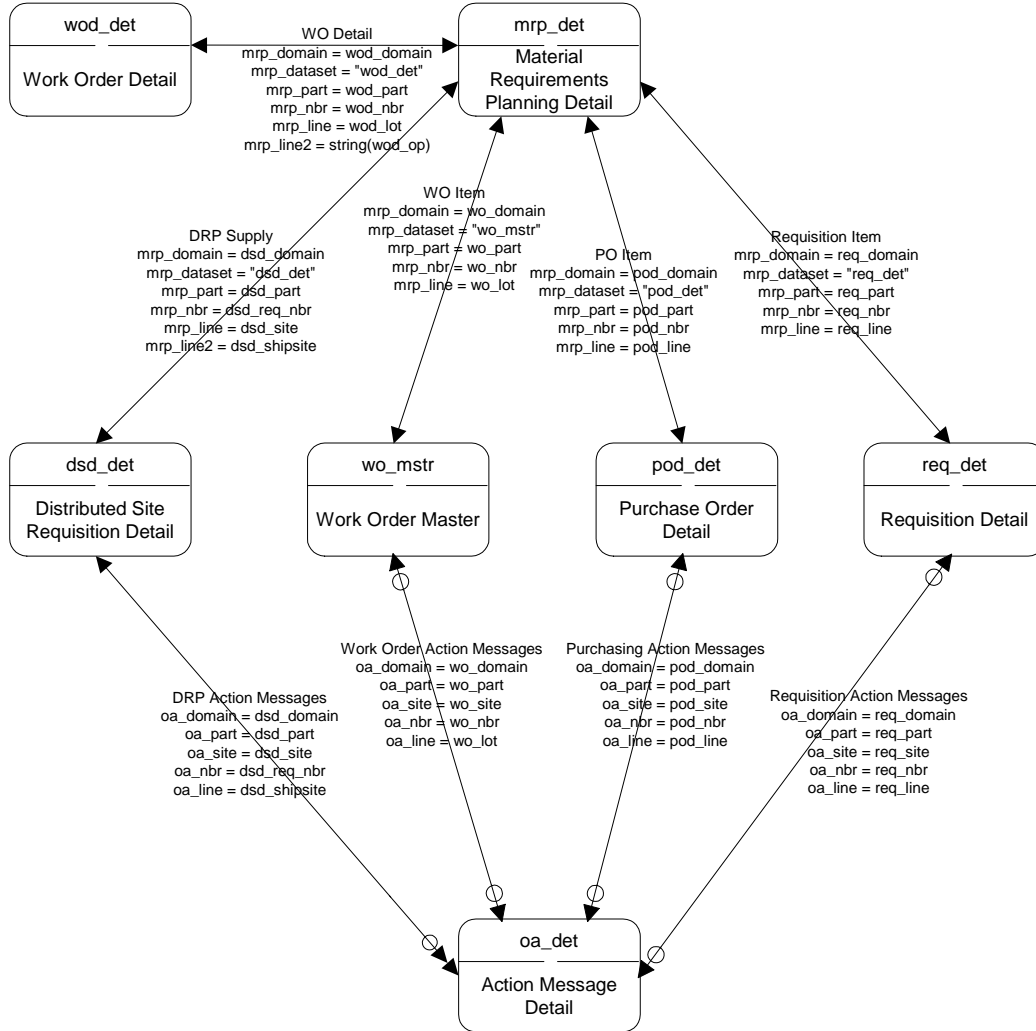
# Legal Document



# MRP I

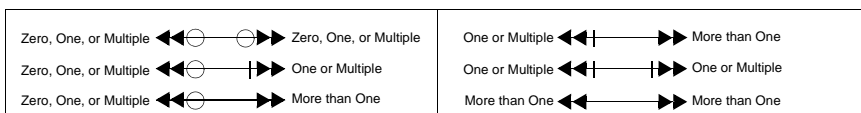
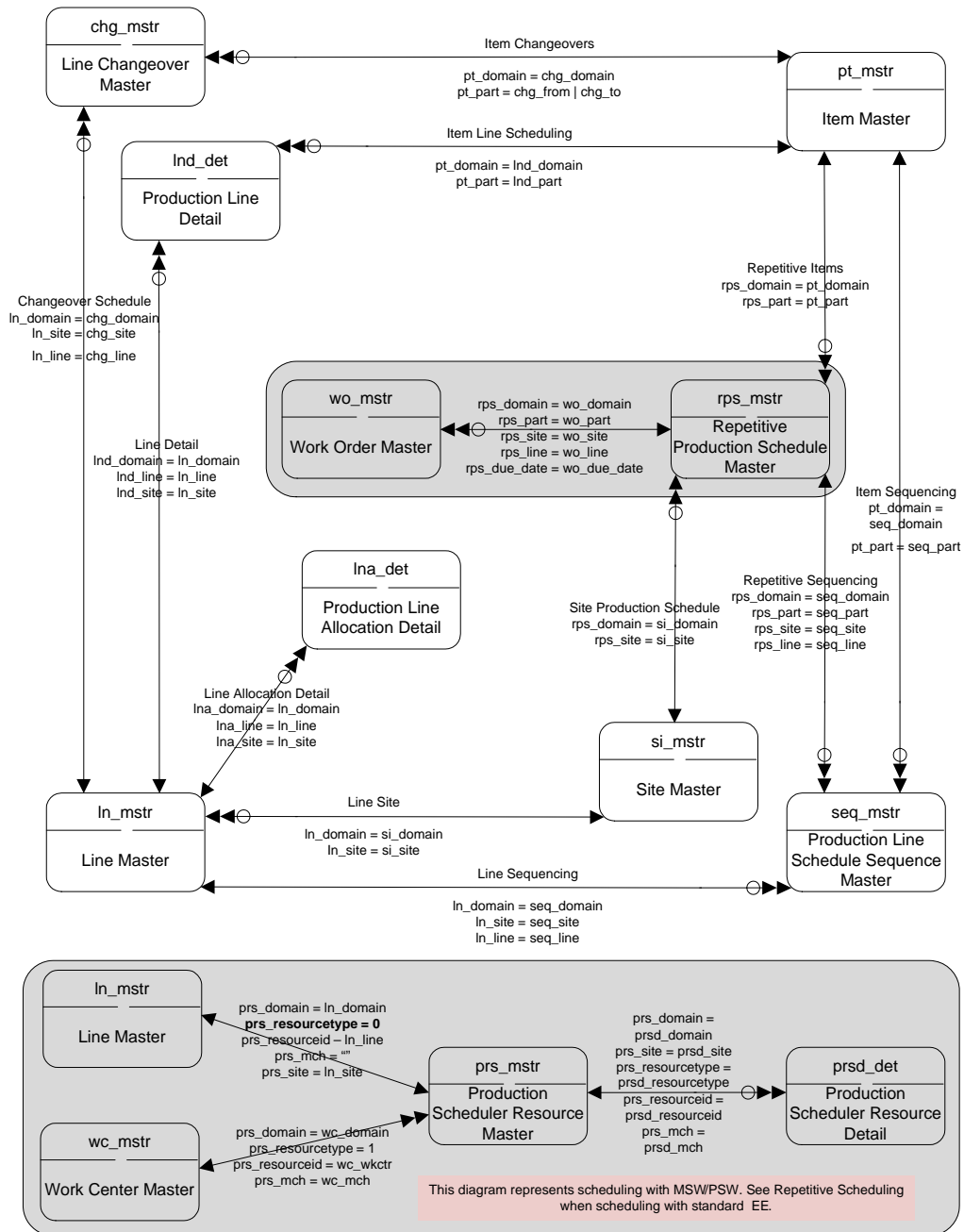


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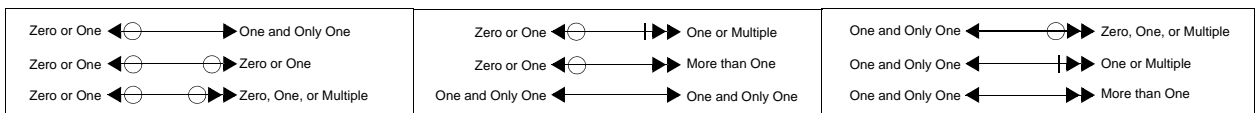
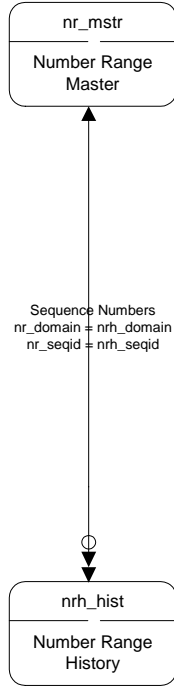


|  |  |   |
|--|--|---|
| Zero or One $\leftarrow \ominus \longrightarrow$ One and Only One                      | Zero or One $\leftarrow \ominus \dashv \longrightarrow$ One or Multiple                      | One and Only One $\leftarrow \ominus \dashv \longrightarrow$ Zero, One, or Multiple       |
| Zero or One $\leftarrow \ominus \longrightarrow \ominus$ Zero or One                   | Zero or One $\leftarrow \ominus \dashv \longrightarrow \ominus$ More than One                | One and Only One $\leftarrow \ominus \dashv \longrightarrow \ominus$ One or Multiple      |
| Zero or One $\leftarrow \ominus \longrightarrow \ominus \dashv$ Zero, One, or Multiple | One and Only One $\leftarrow \ominus \dashv \longrightarrow \ominus \dashv$ One and Only One | One and Only One $\leftarrow \ominus \dashv \longrightarrow \ominus \dashv$ More than One |

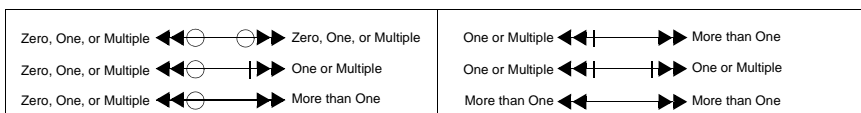
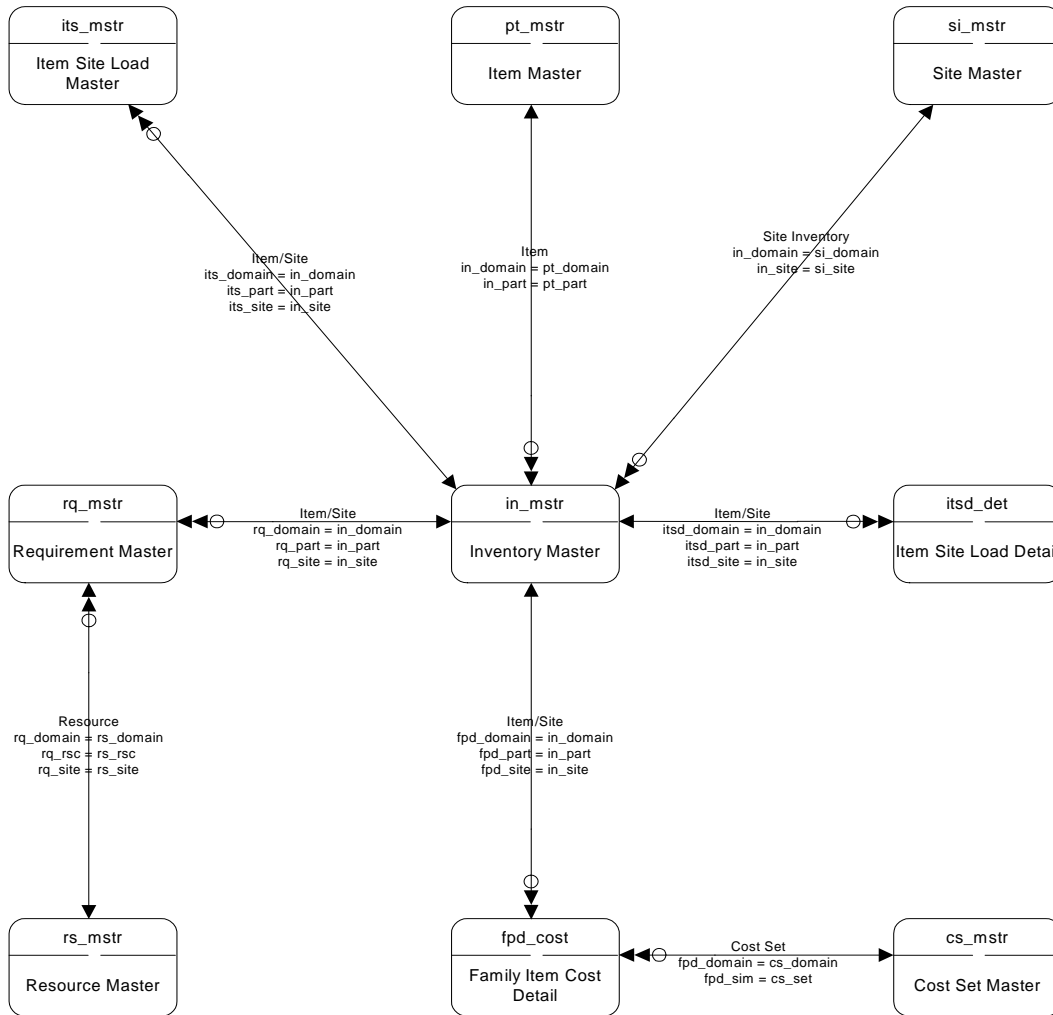
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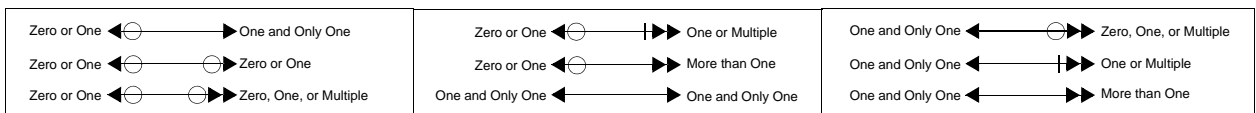
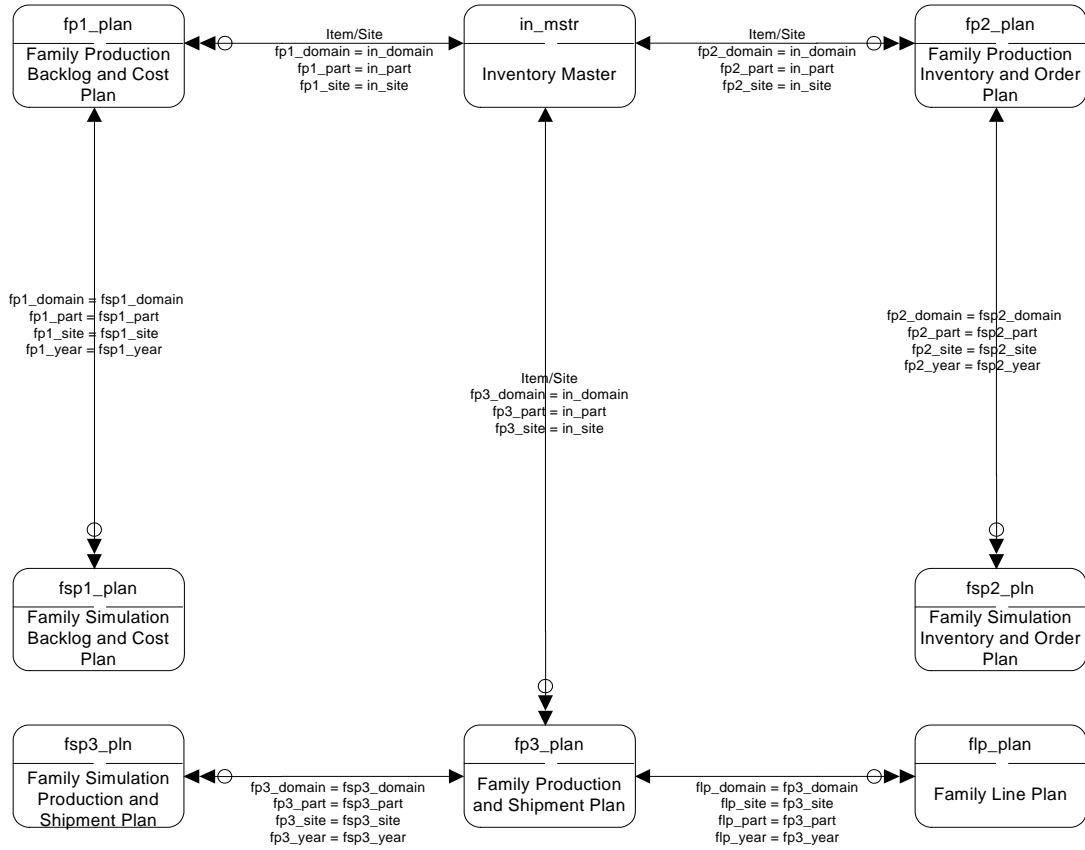
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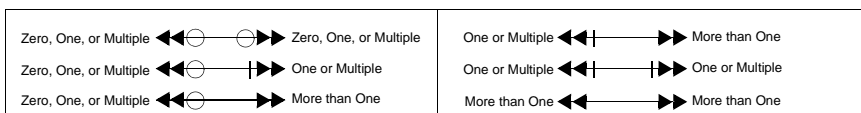
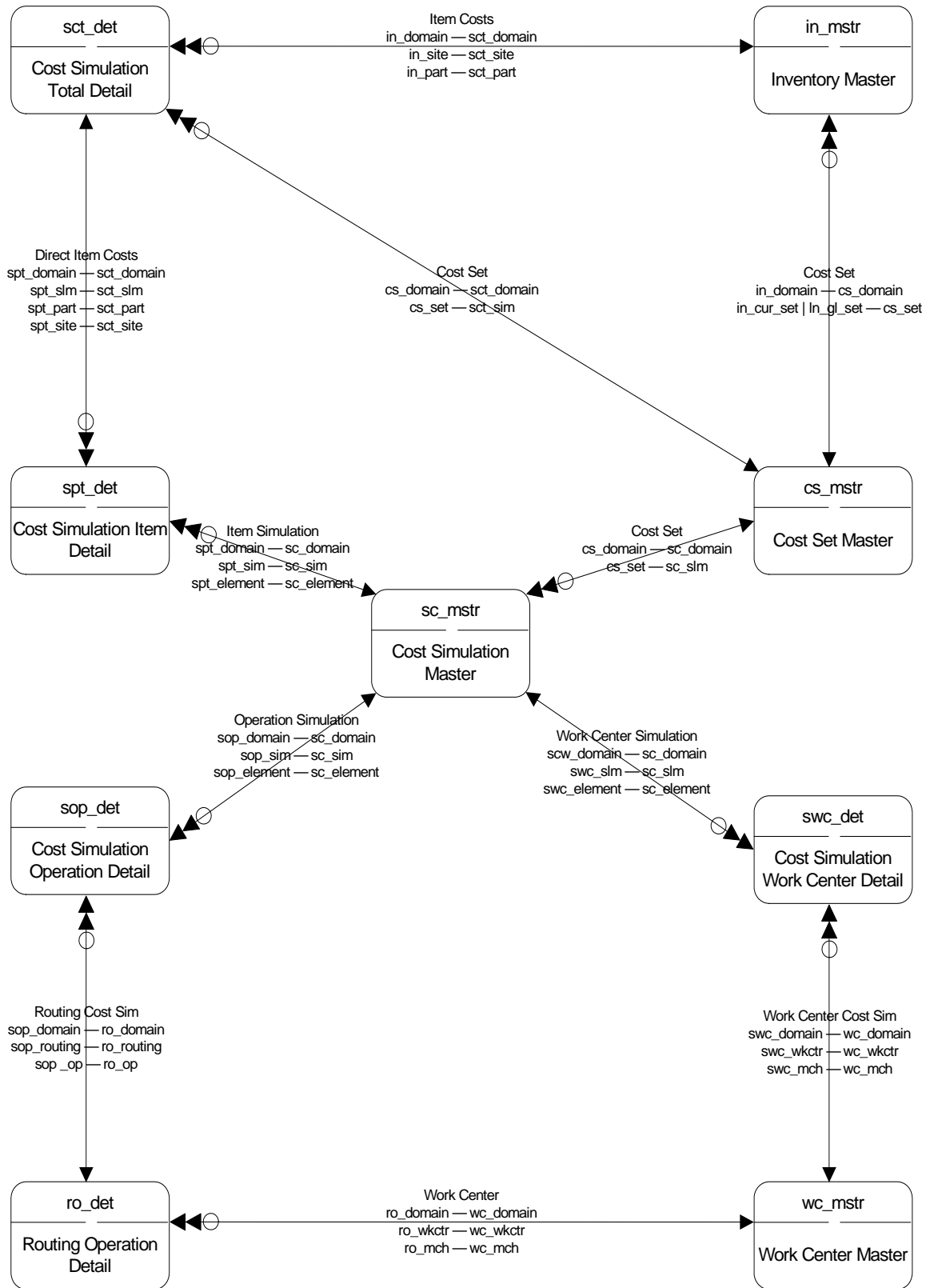
# Operations Planning I



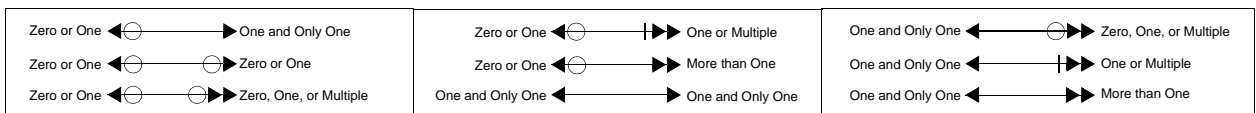
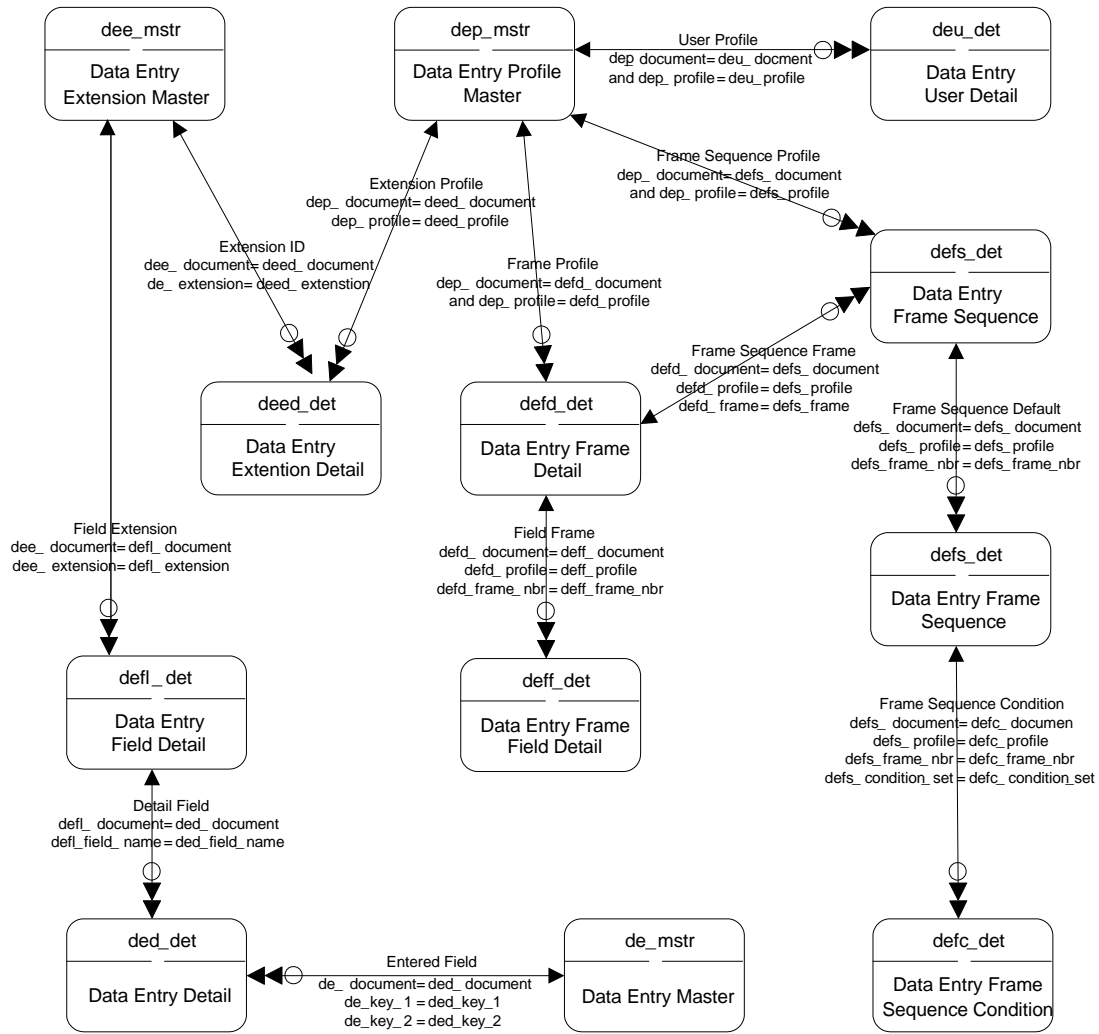
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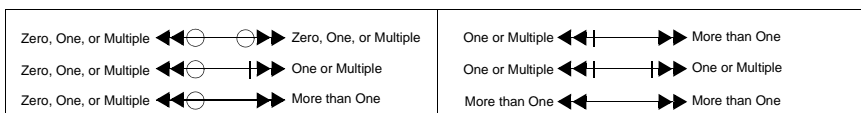
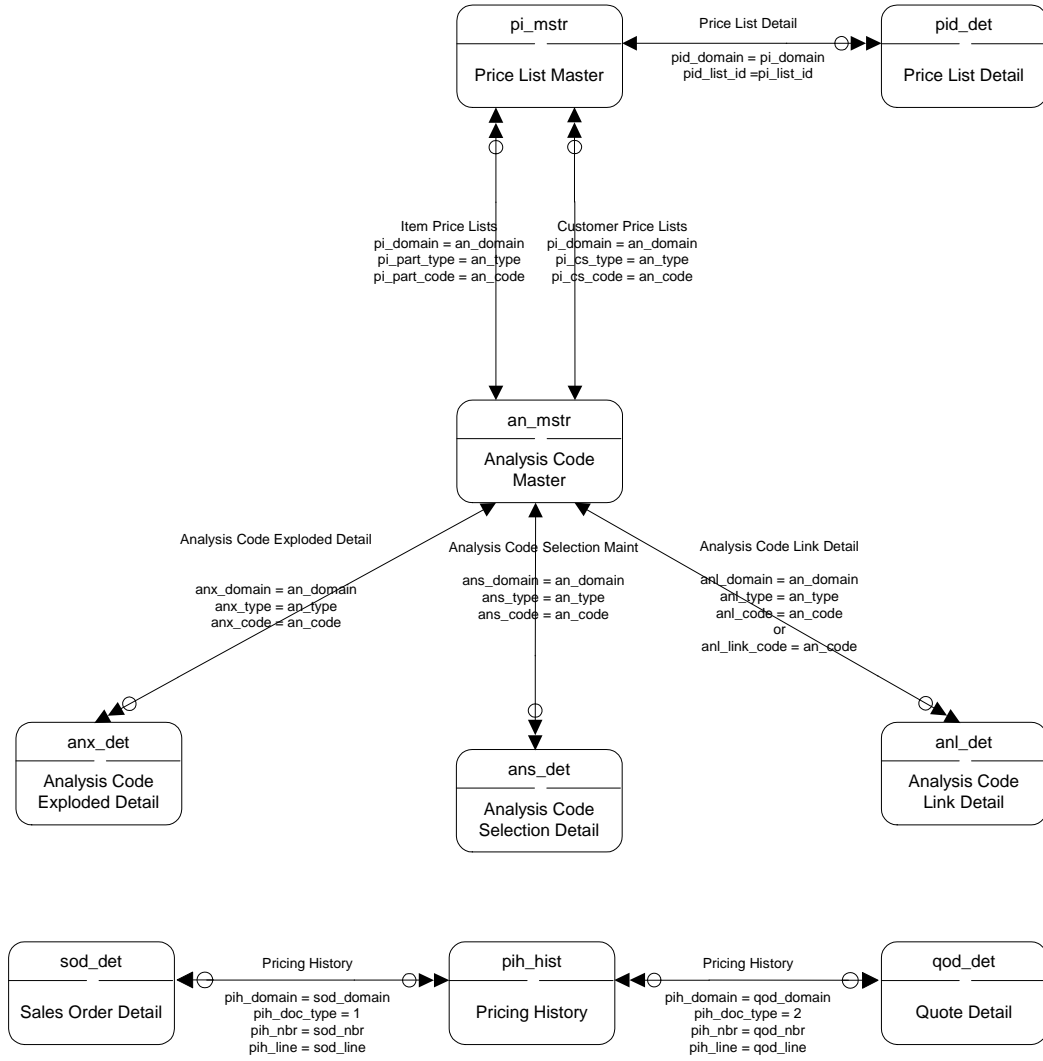
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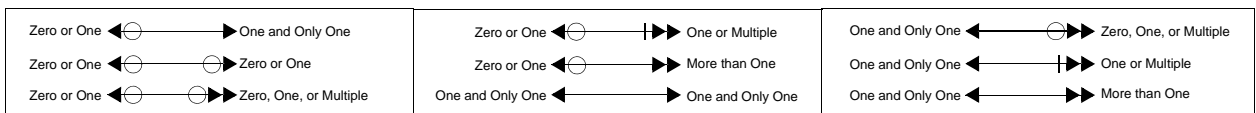
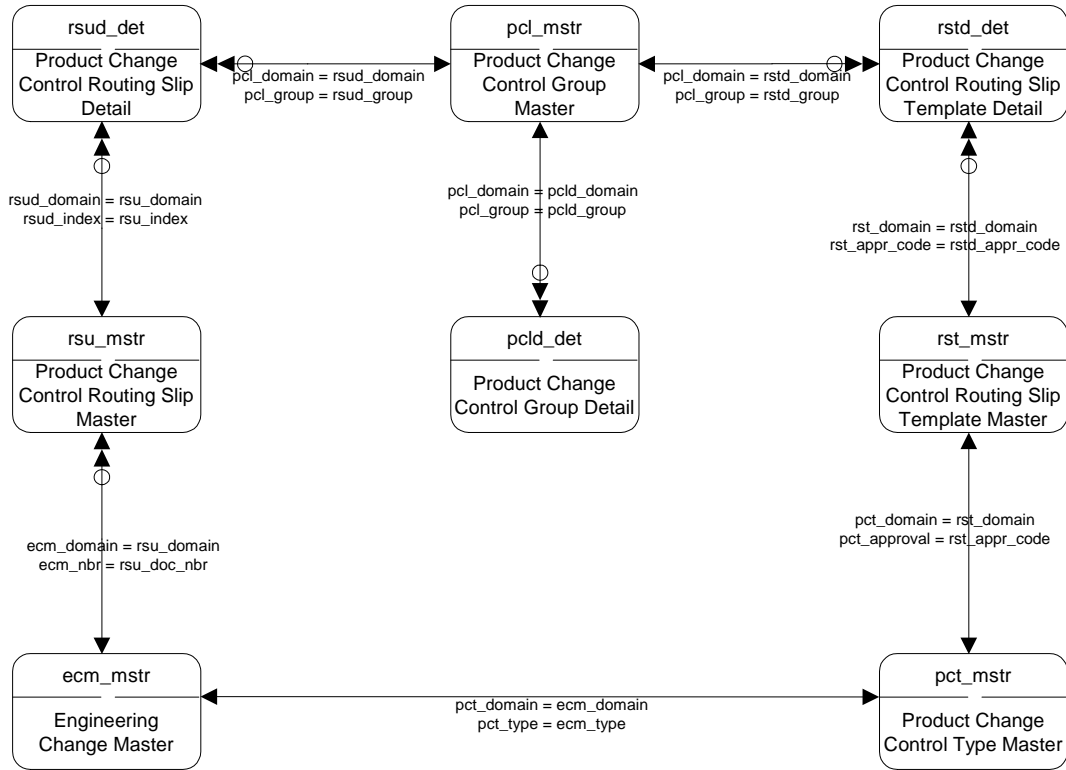
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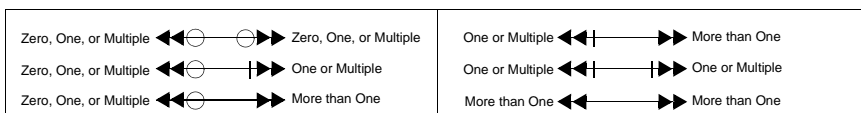
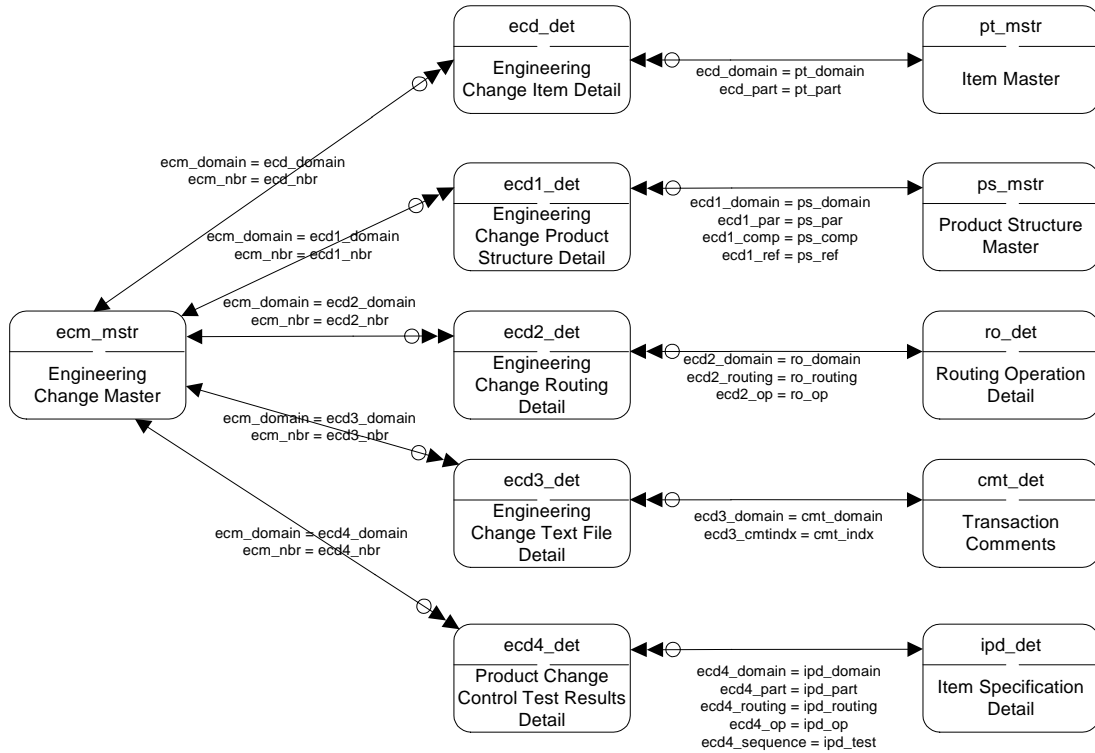
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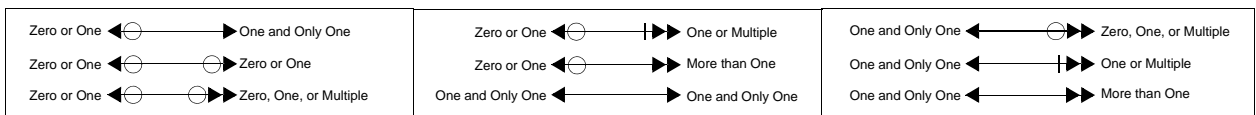
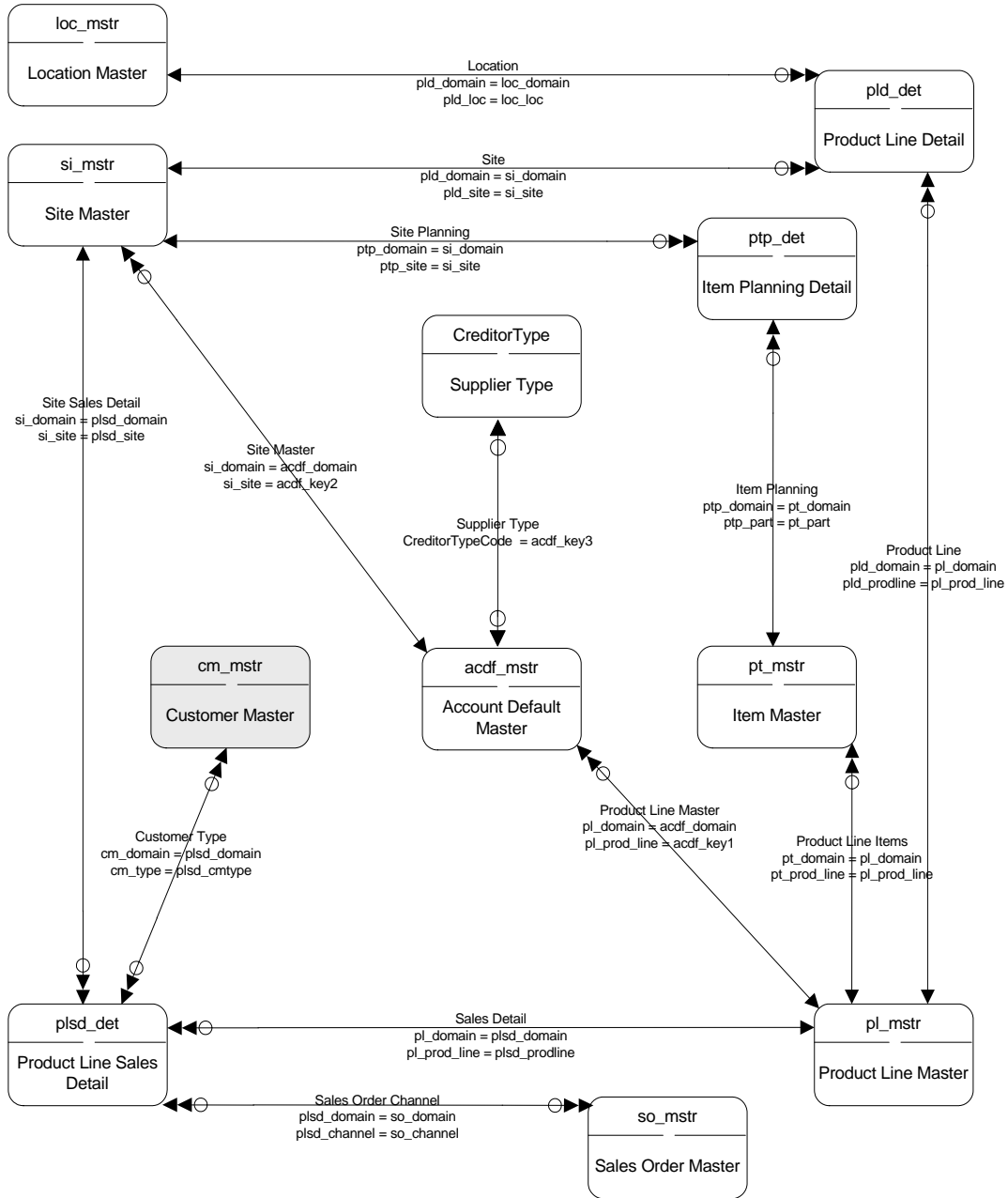
# Product Change Control I



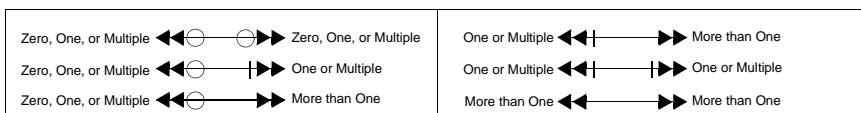
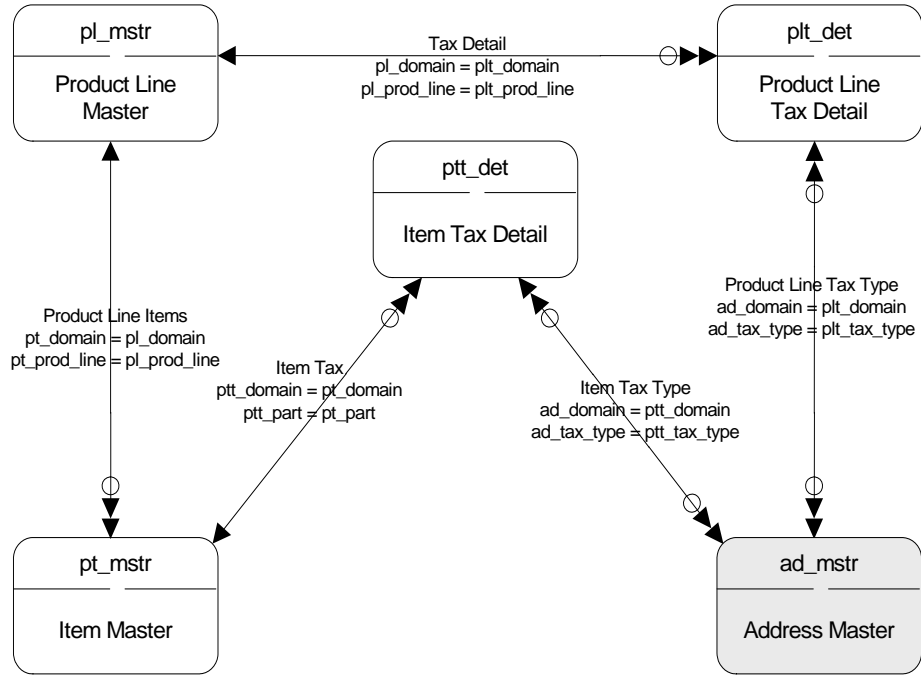
# Product Change Control II



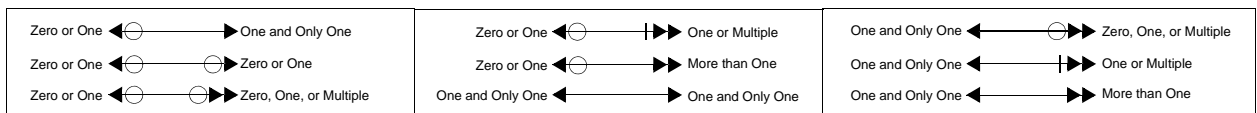
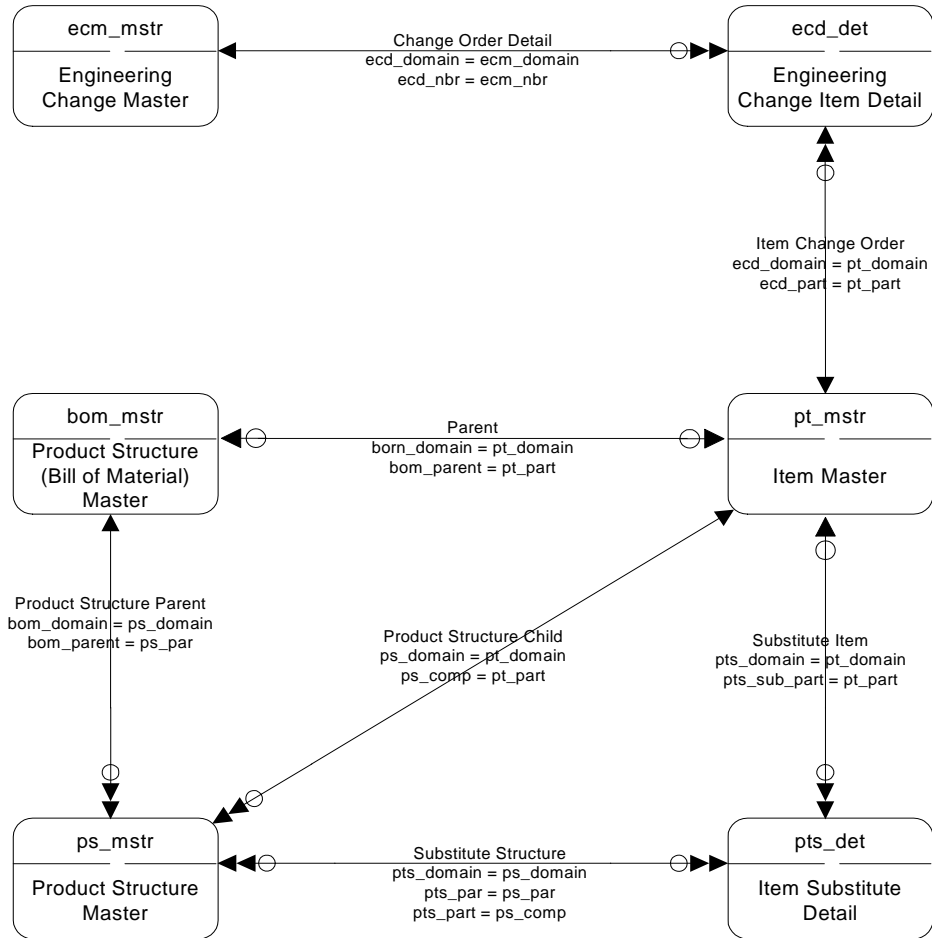
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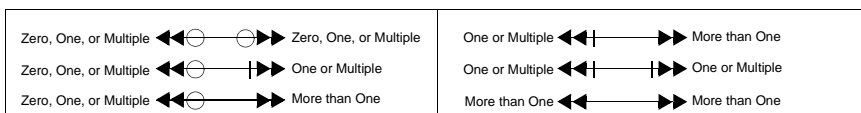
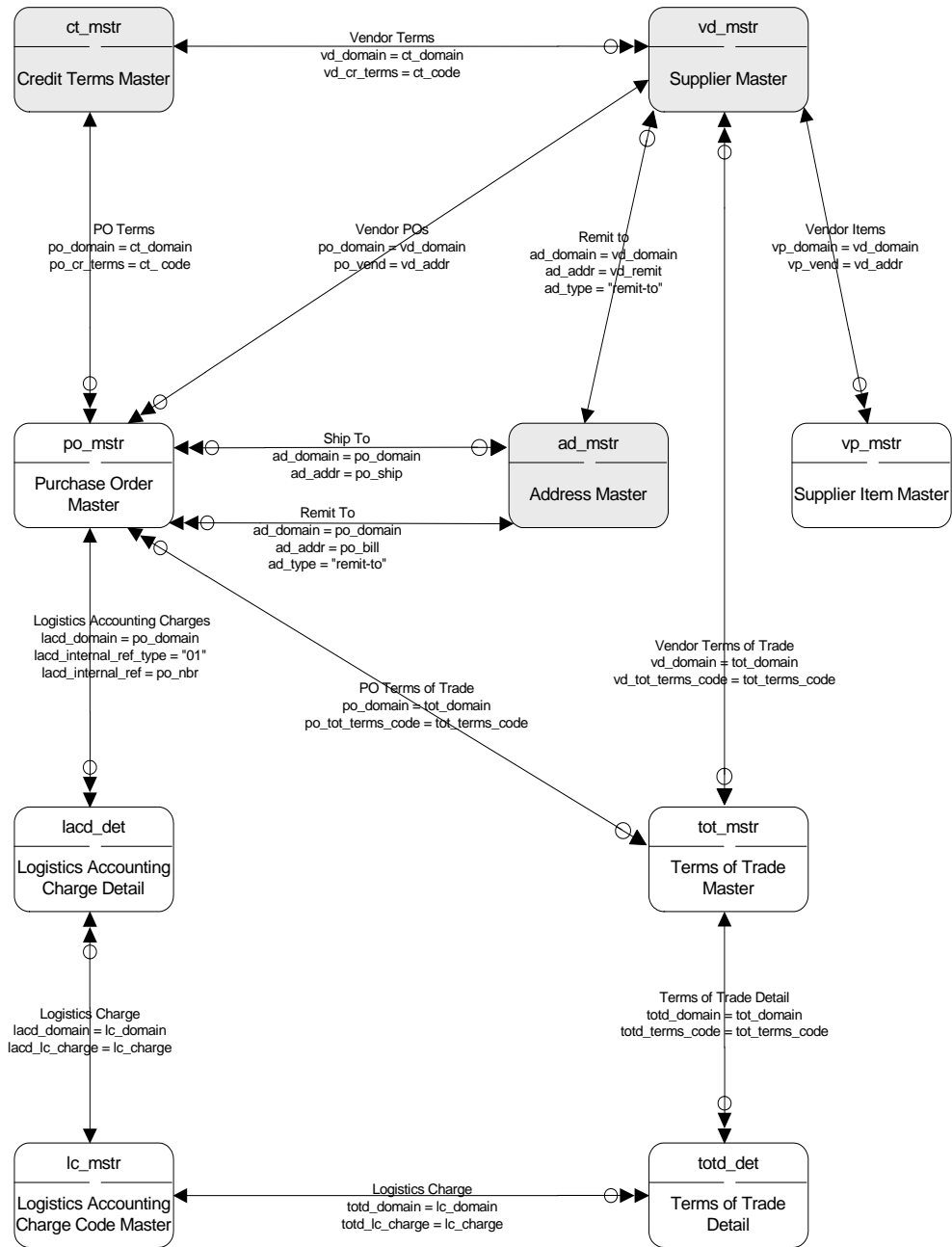
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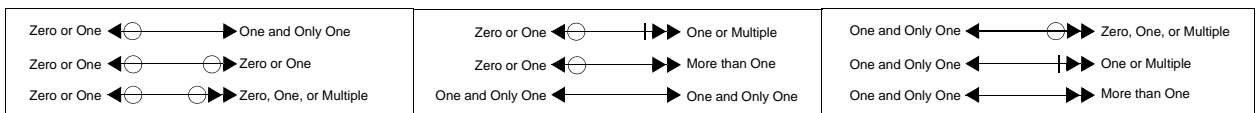
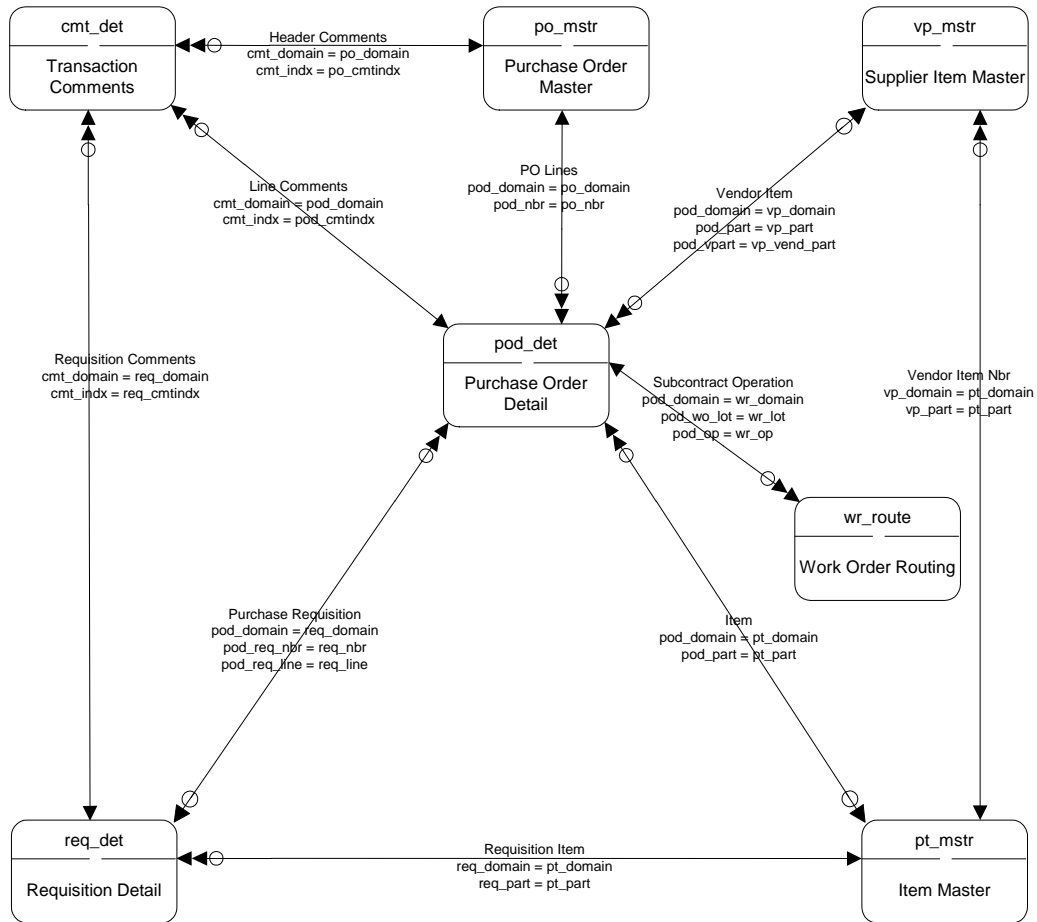
## Product Structure



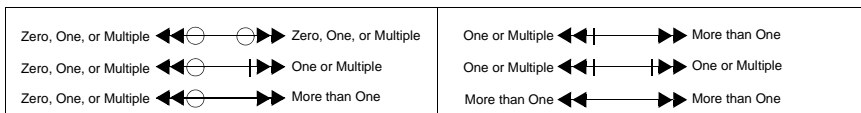
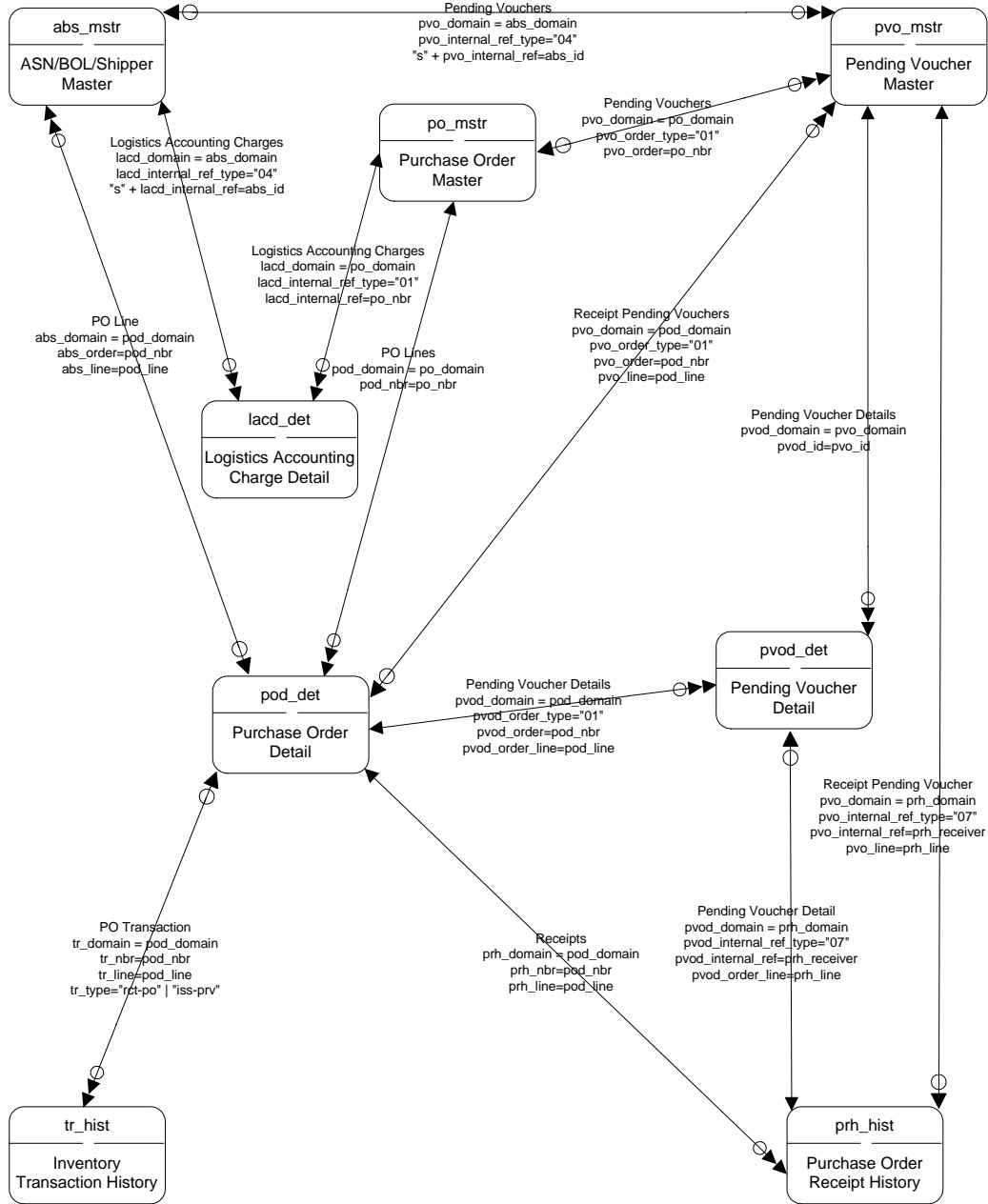
# Purchasing I



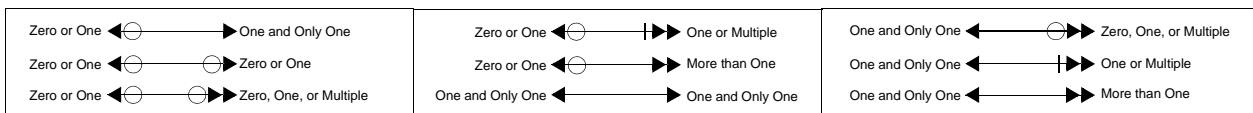
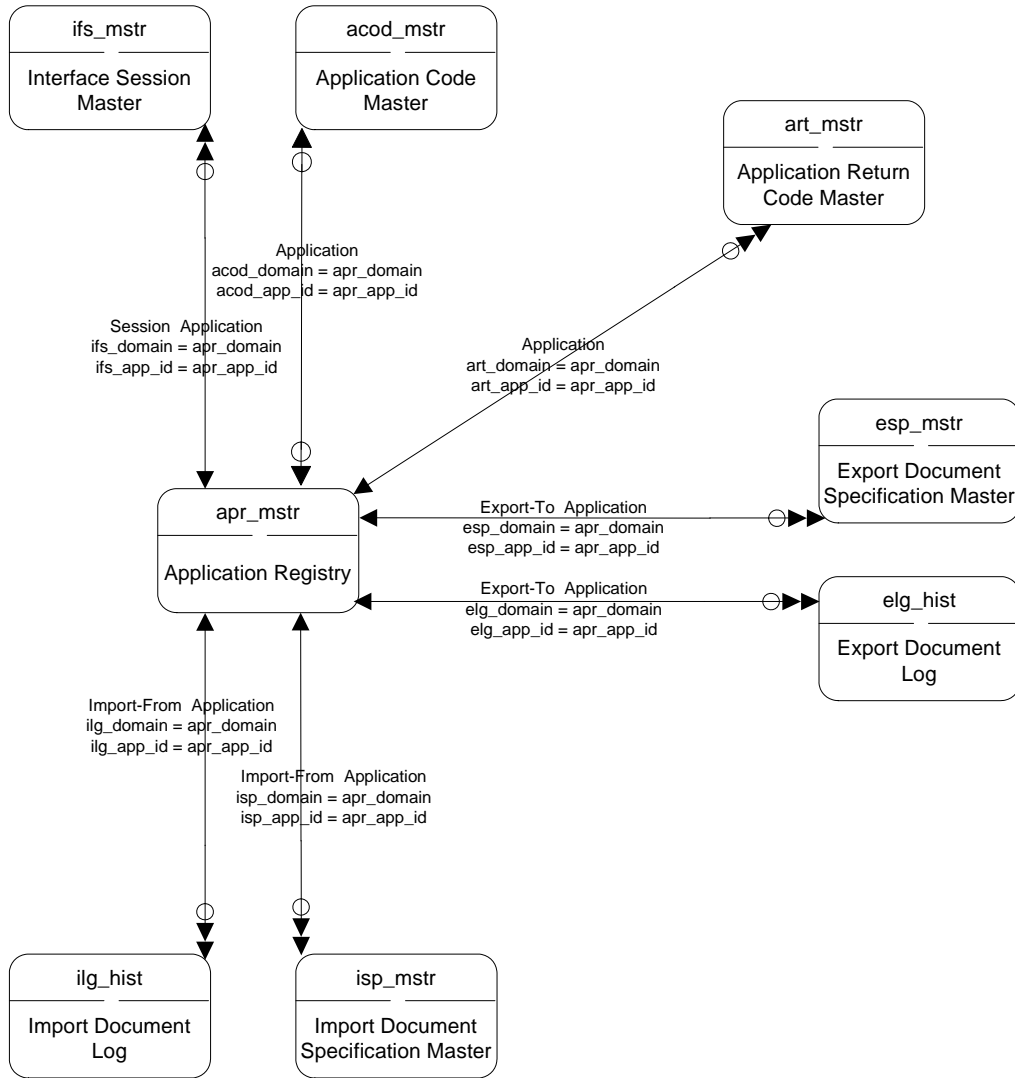
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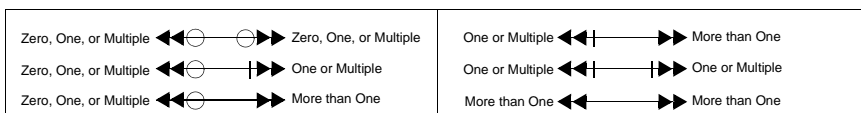
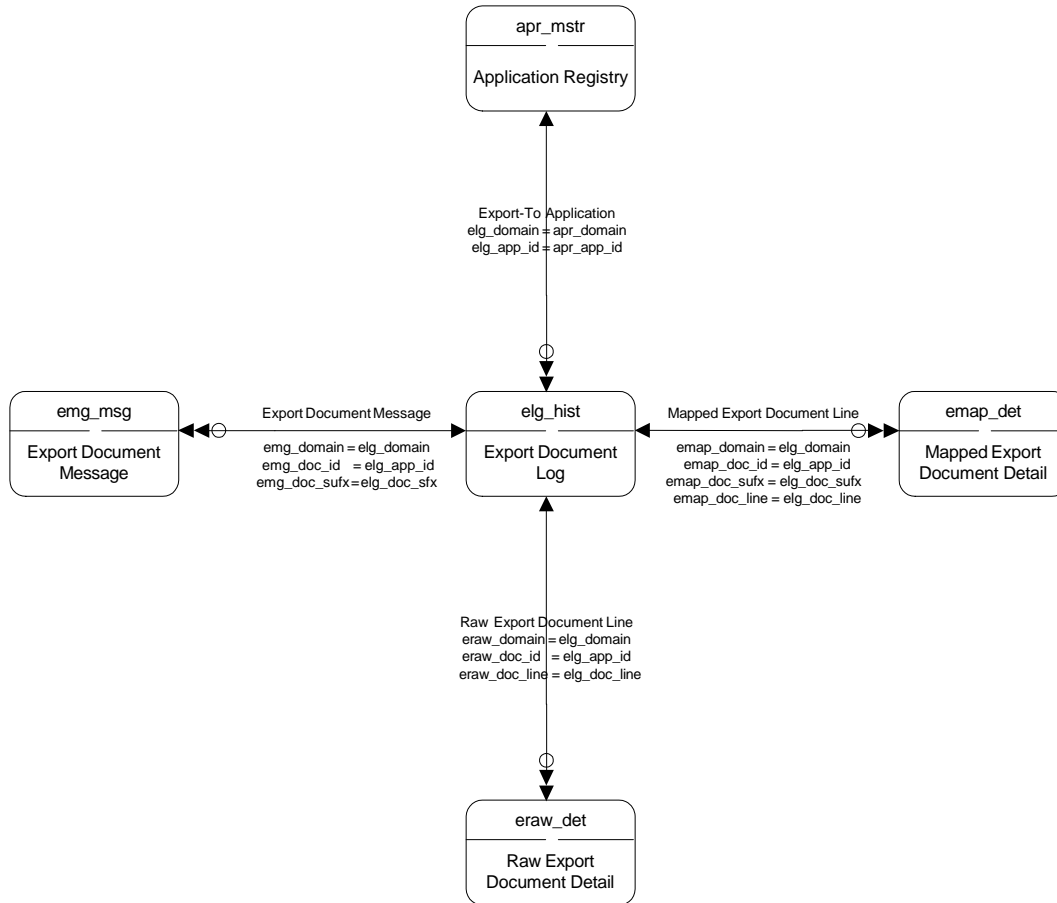
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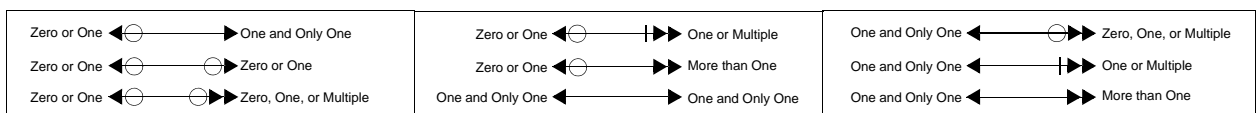
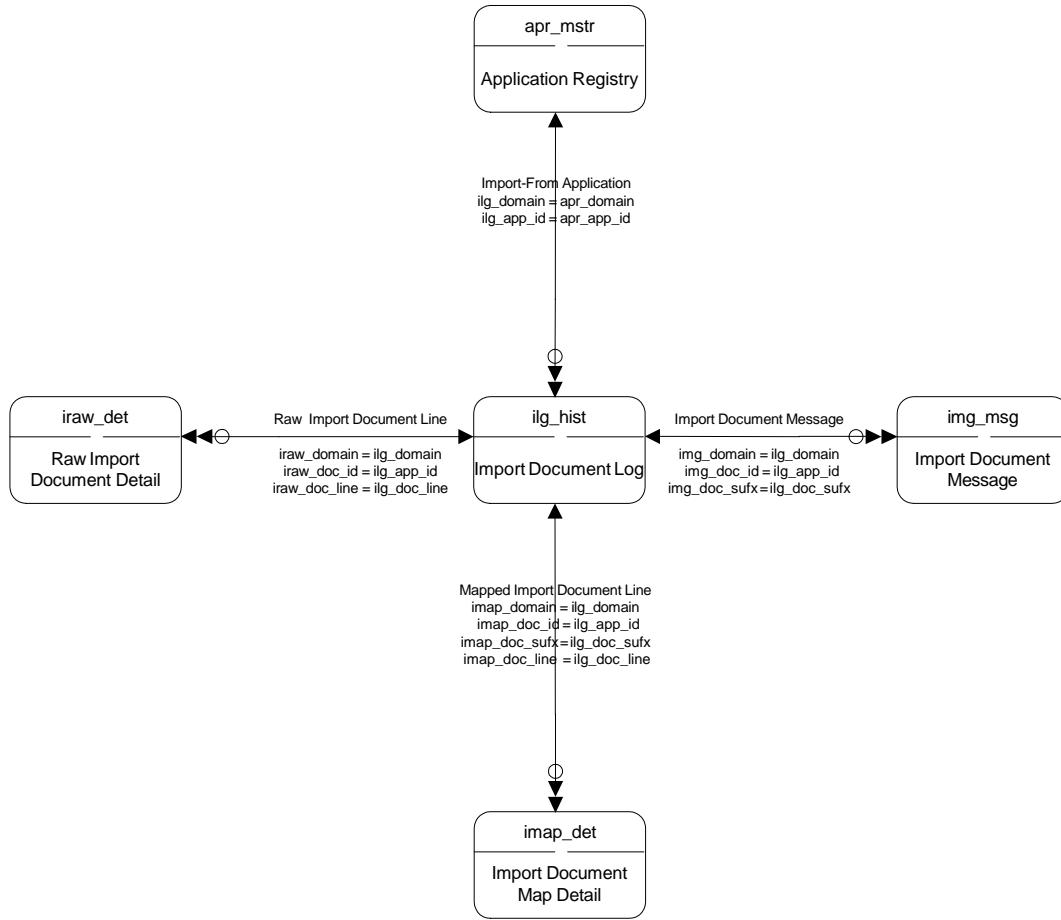
## Q/LinQ I



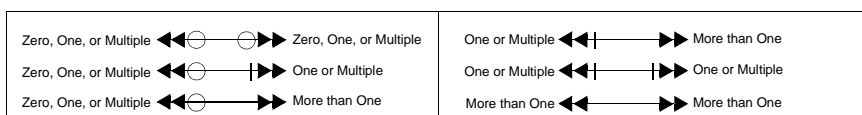
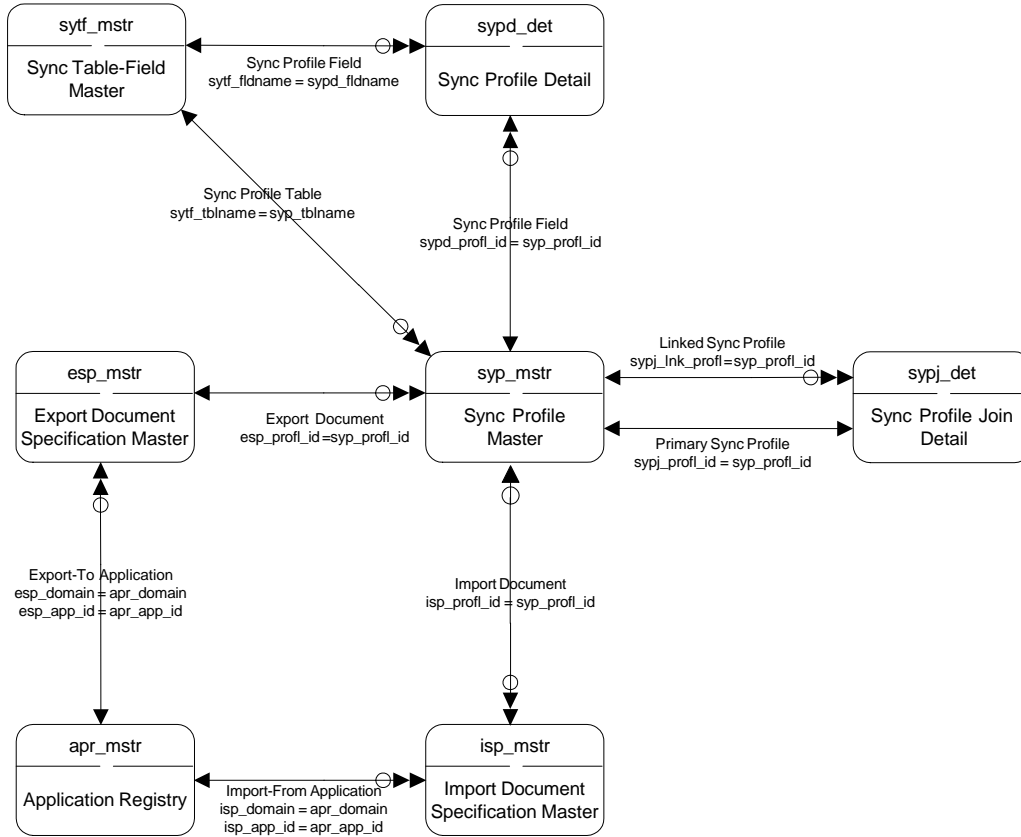
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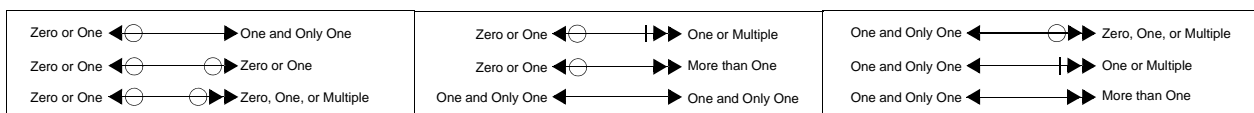
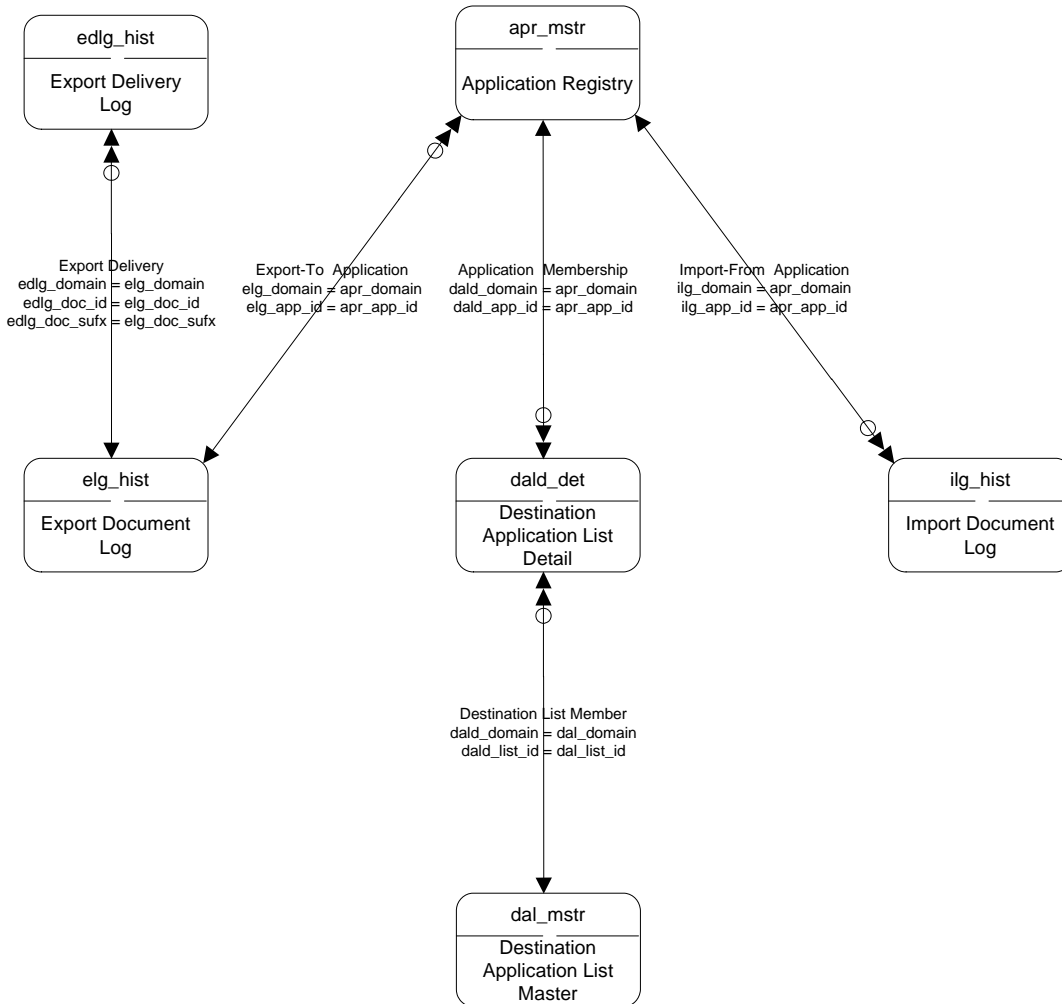
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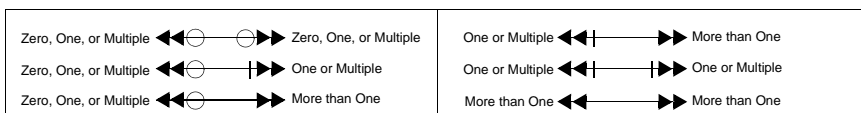
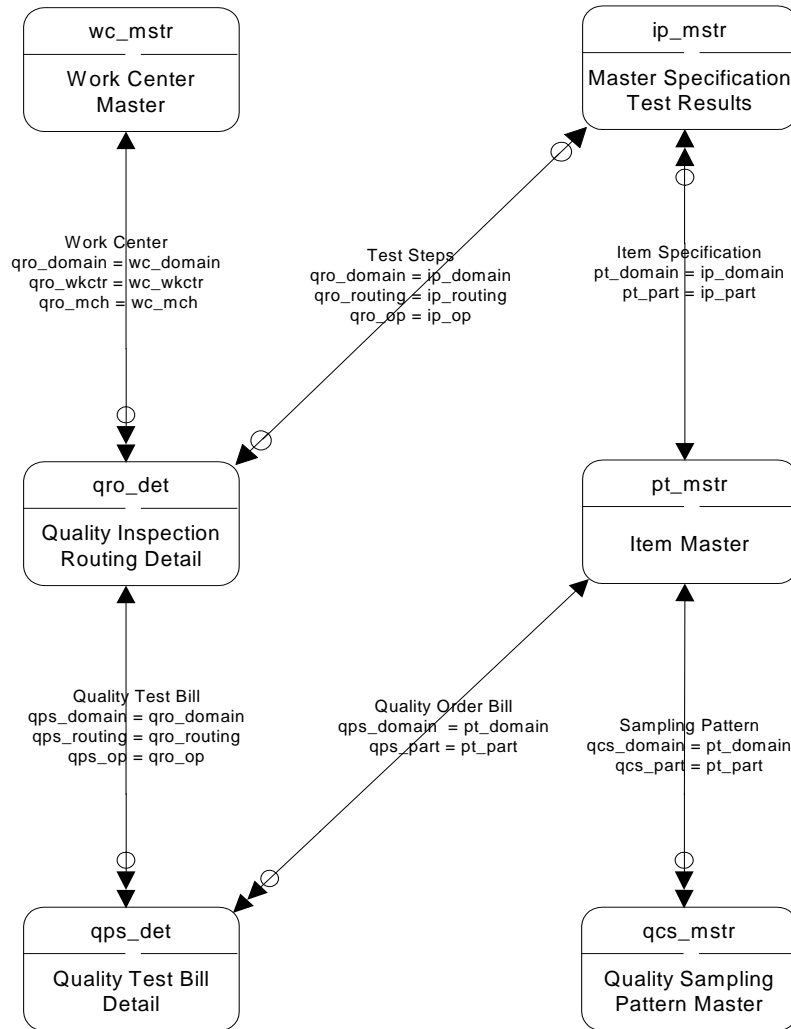
# Q/LinQ IV



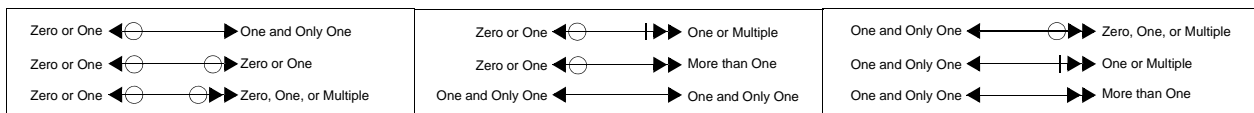
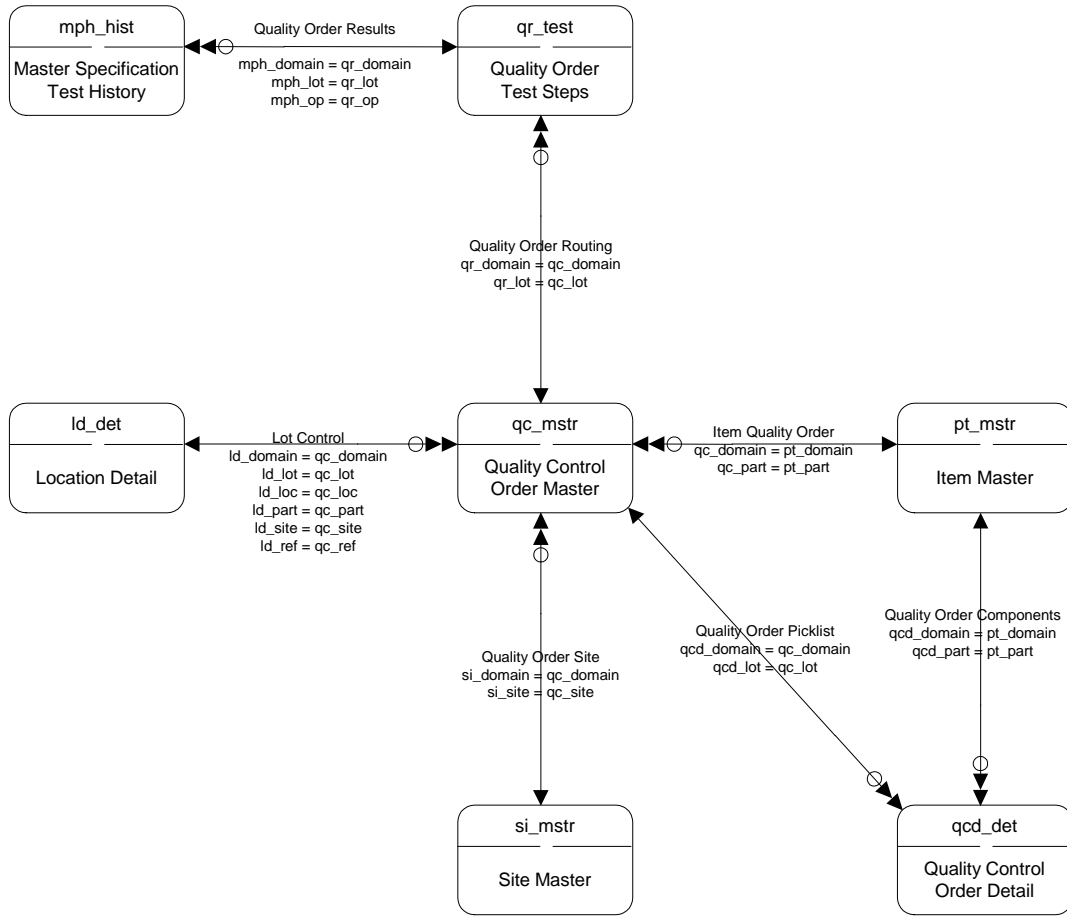
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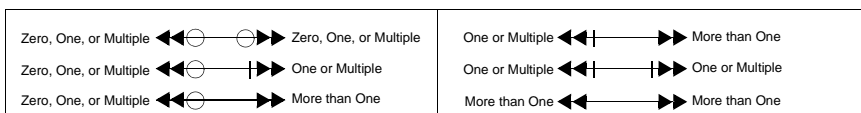
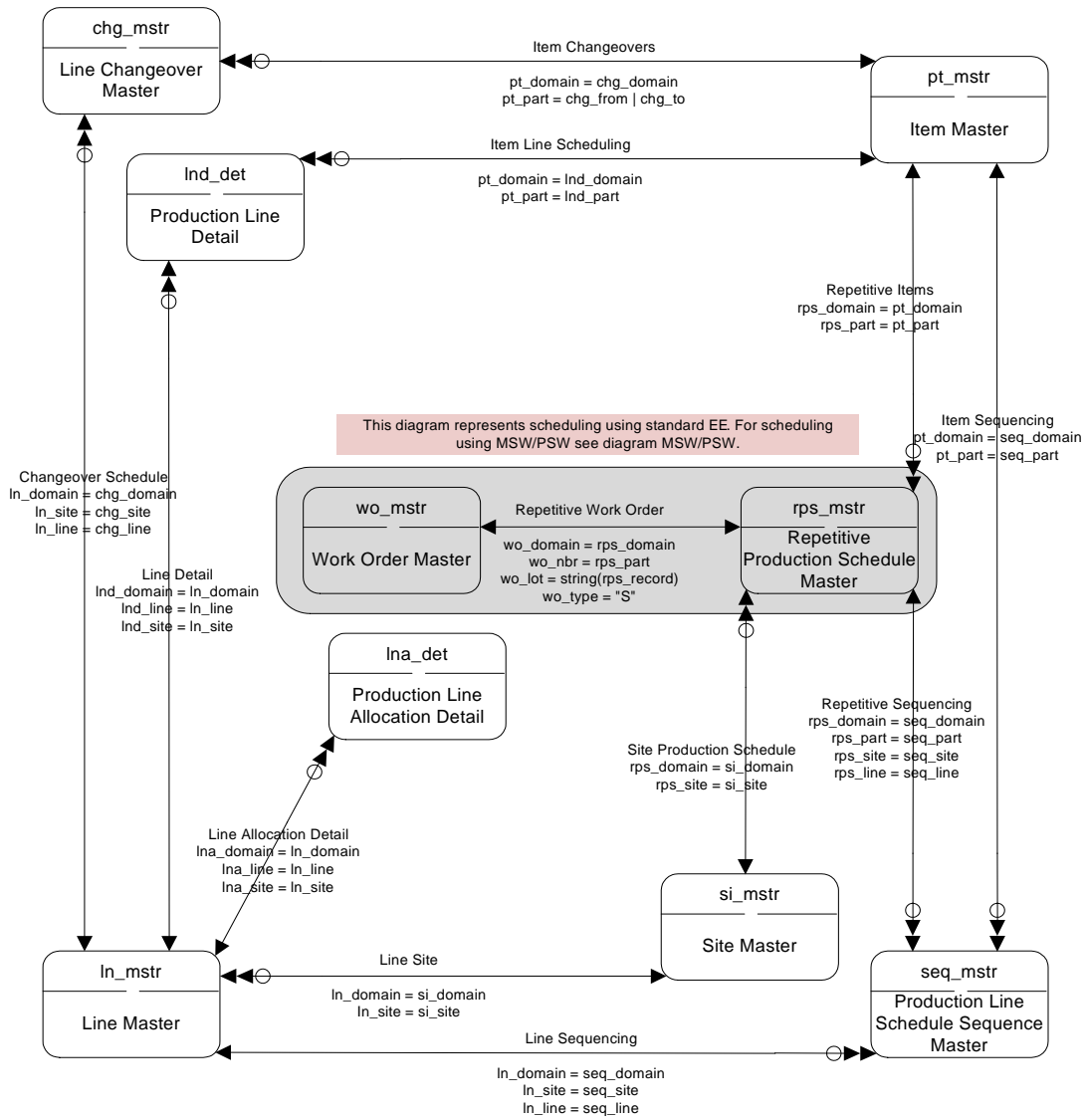
# Quality Management



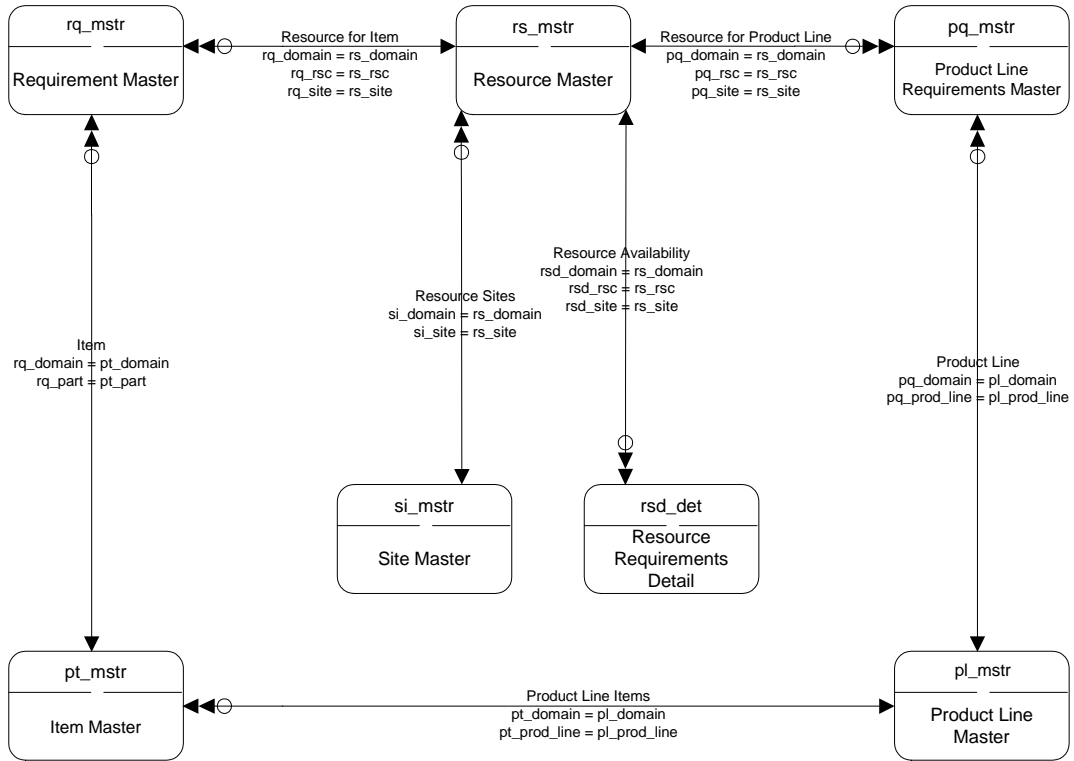
## Quality Orders



# Repetitive Schedule

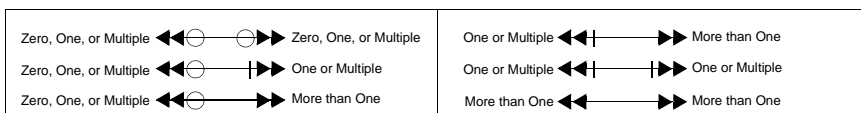
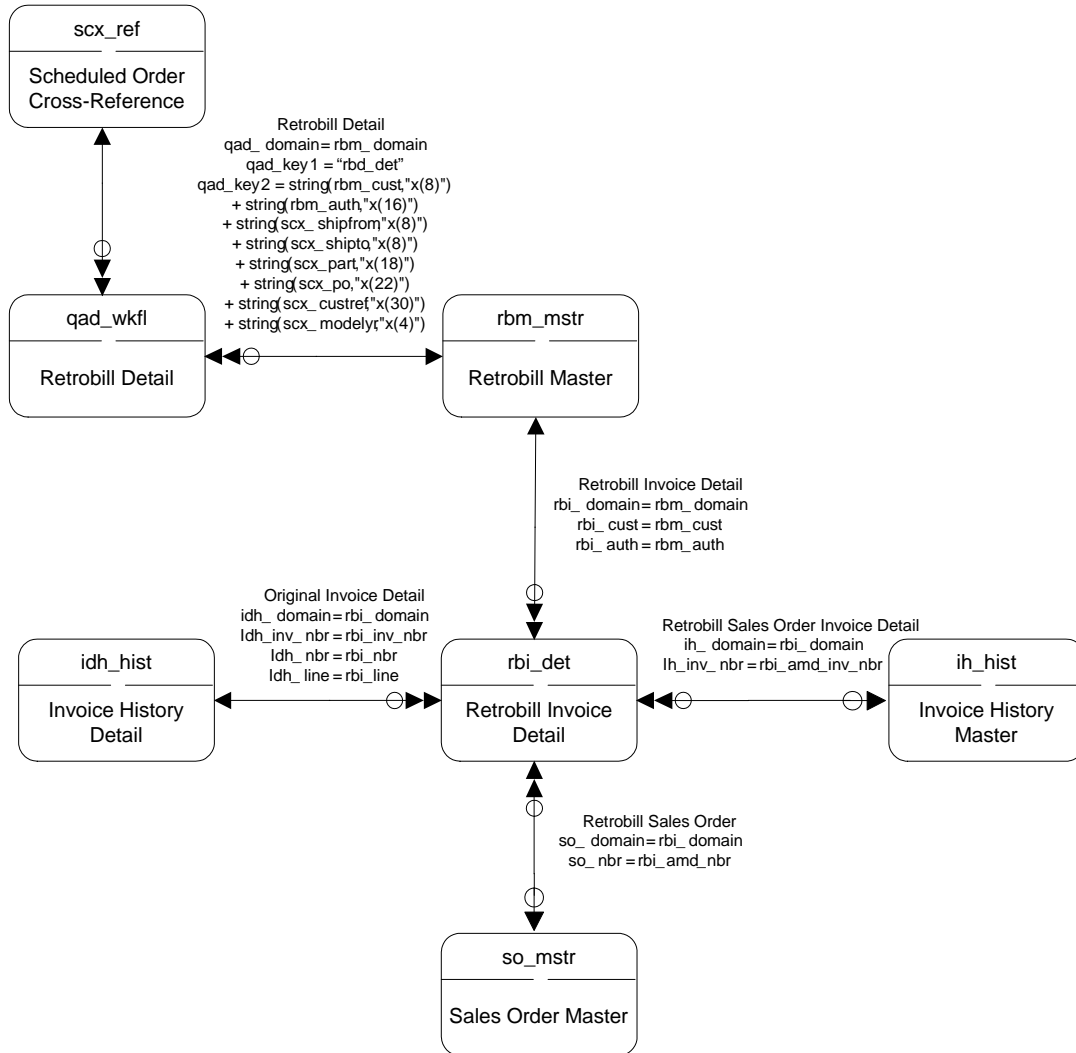


## Resource Plan

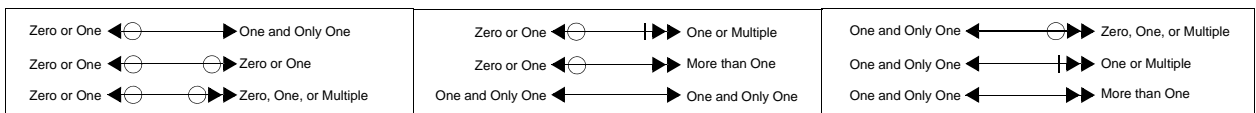
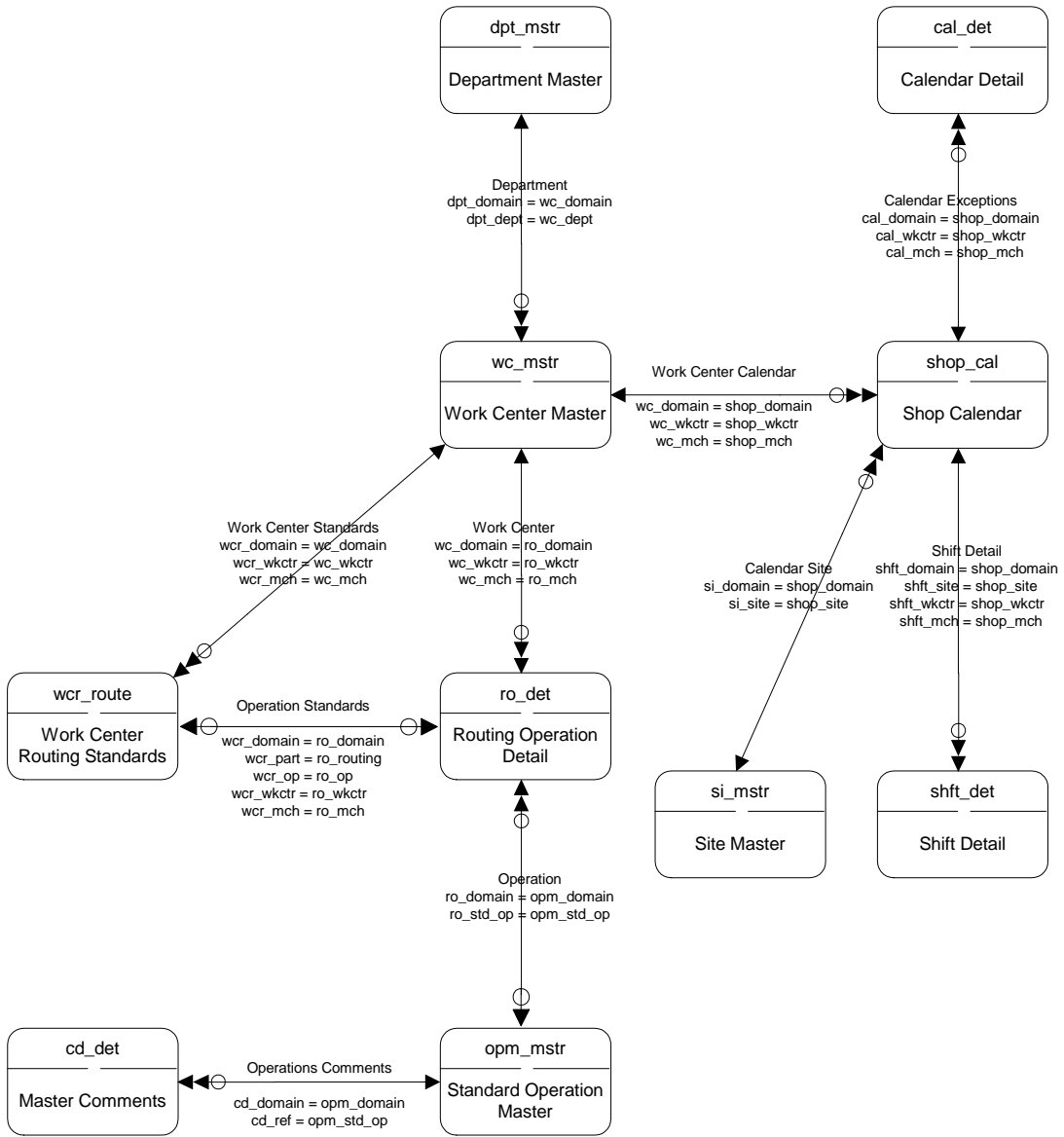


|   |  |  |
|---|--|--|
| Zero or One $\leftarrow \ominus$ $\rightarrow$ One and Only One       | Zero or One $\leftarrow \ominus$ $\rightarrow$ One or Multiple       | One and Only One $\leftarrow \ominus$ $\rightarrow$ Zero, One, or Multiple |
| Zero or One $\leftarrow \ominus$ $\rightarrow$ Zero or One            | Zero or One $\leftarrow \ominus$ $\rightarrow$ More than One         | One and Only One $\leftarrow \ominus$ $\rightarrow$ One or Multiple        |
| Zero or One $\leftarrow \ominus$ $\rightarrow$ Zero, One, or Multiple | One and Only One $\leftarrow \ominus$ $\rightarrow$ One and Only One | One and Only One $\leftarrow \ominus$ $\rightarrow$ More than One          |

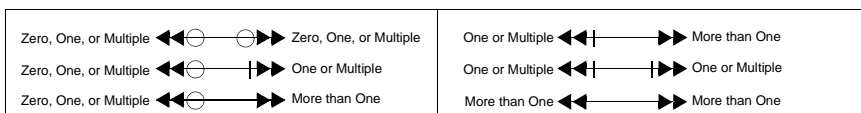
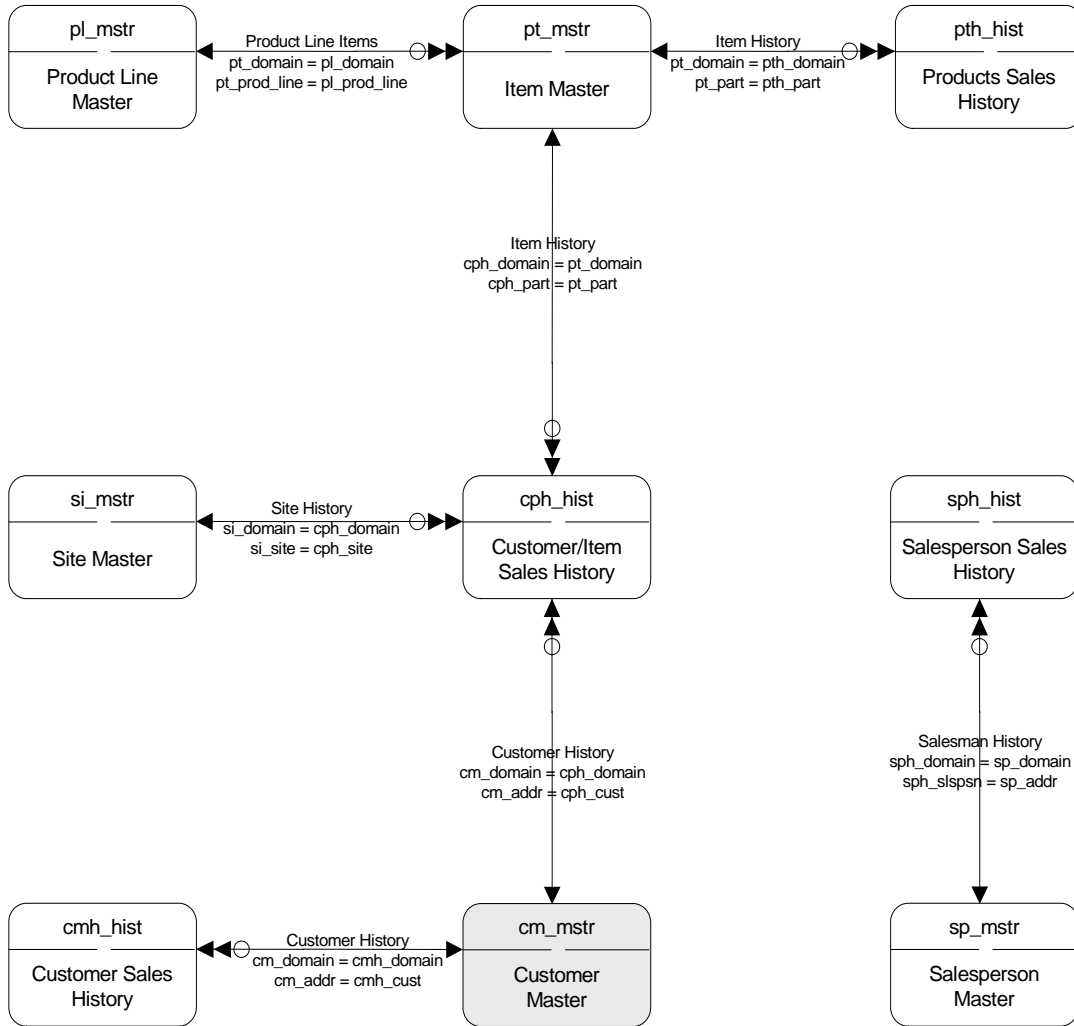
# Retrobilling



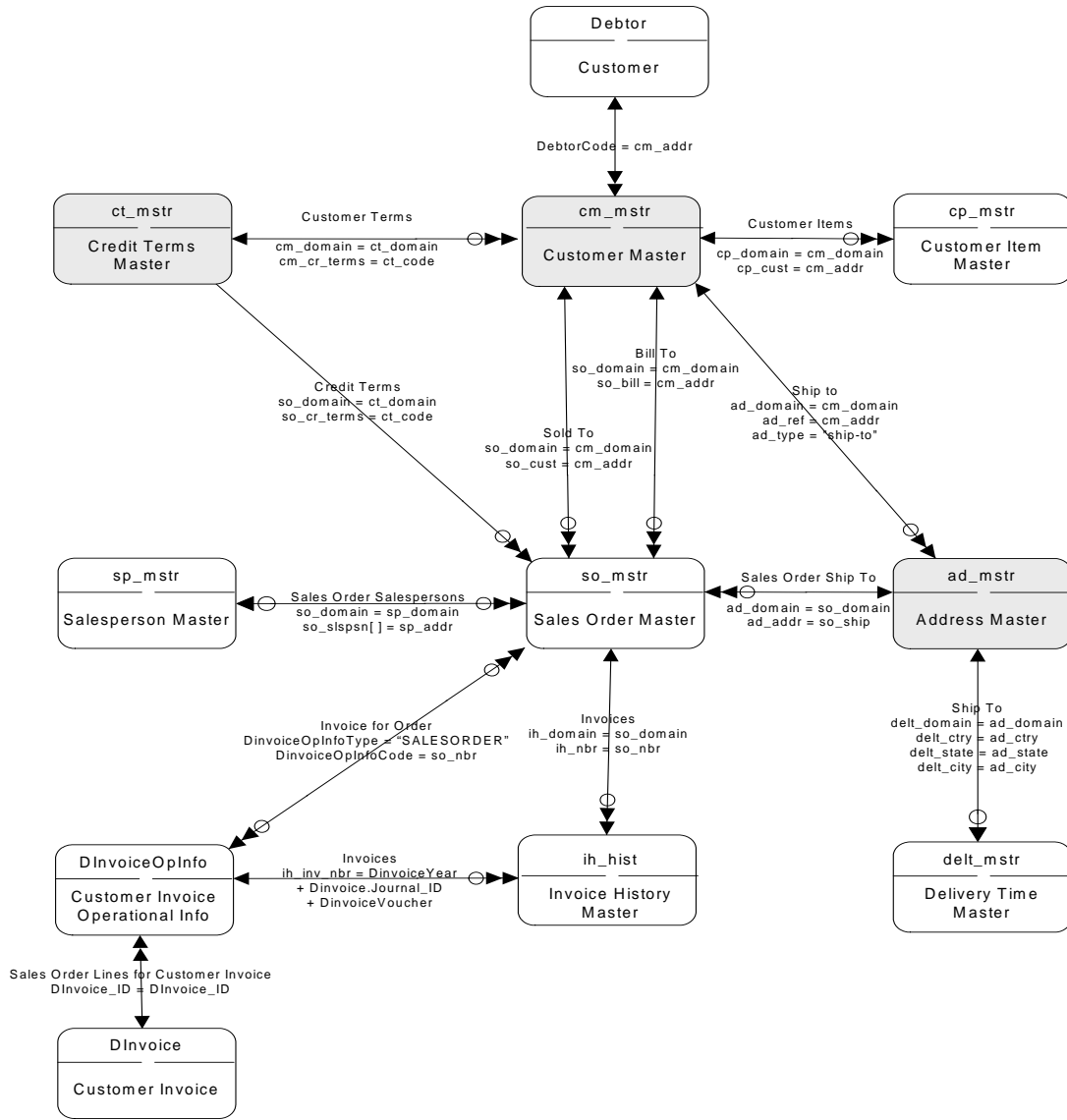
# Routing Standards



# Sales Analysis

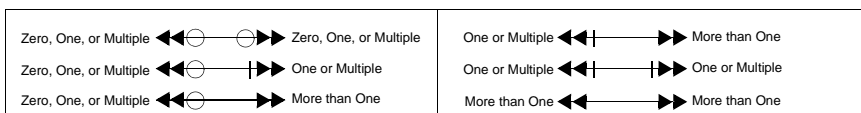
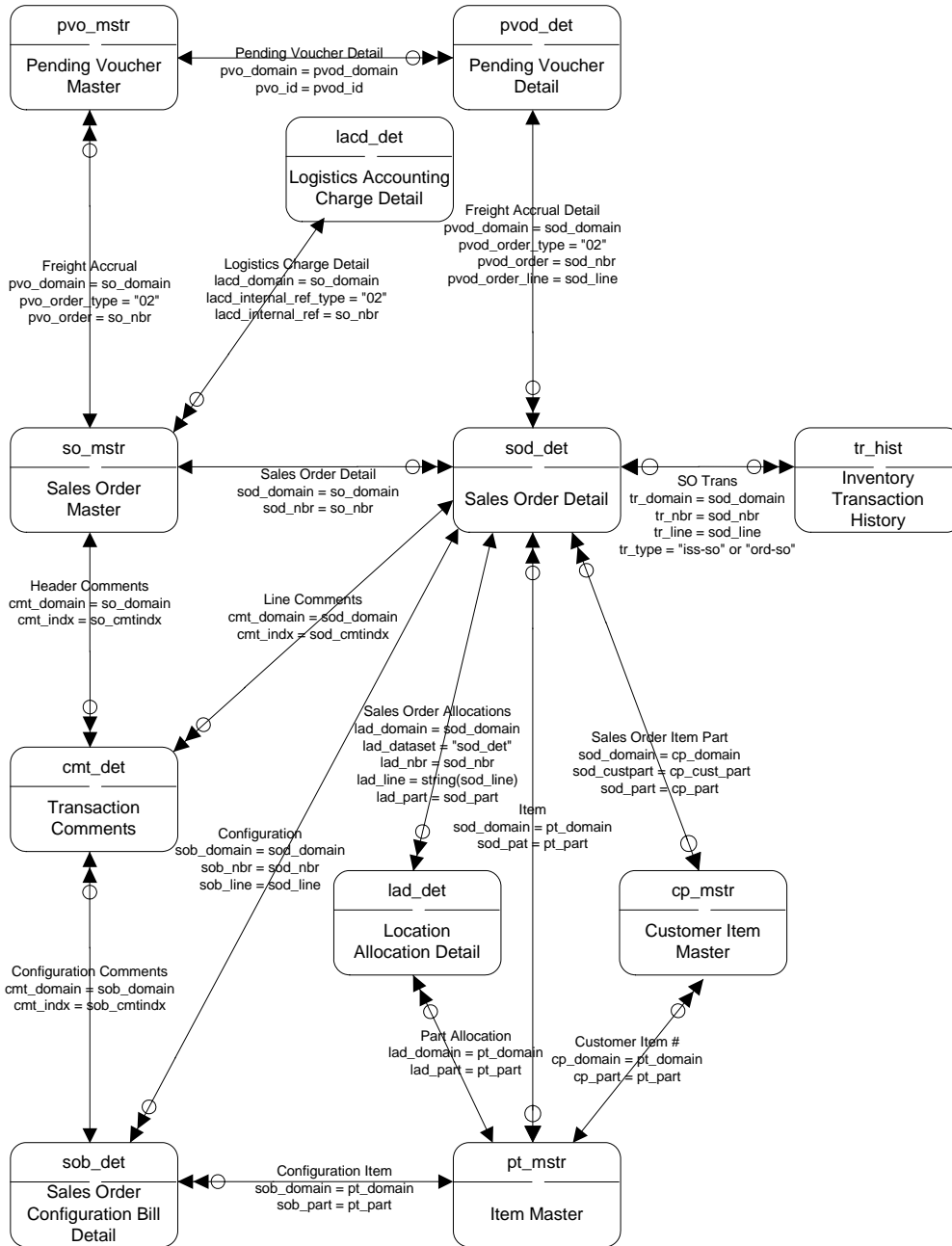


# Sales Orders I

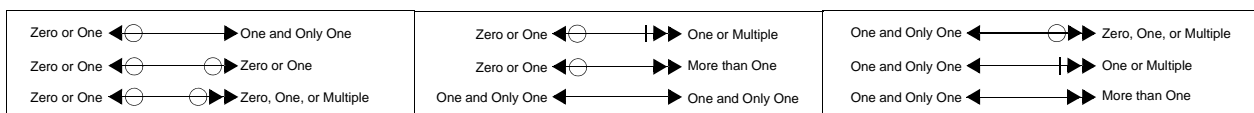
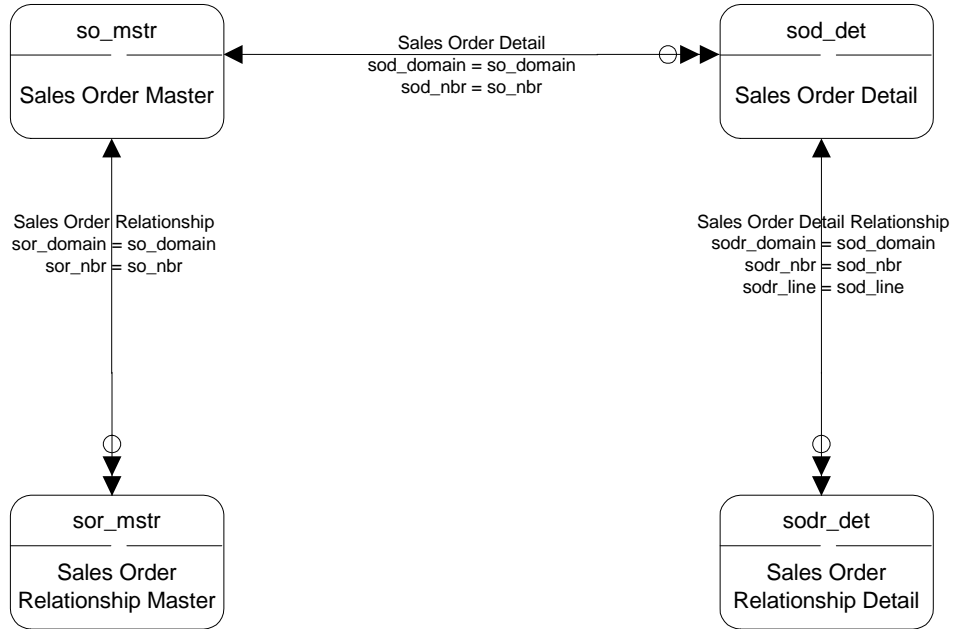


|   |  |   |
|---|--|---|
| Zero or One $\leftarrow \ominus \longrightarrow$ One and Only One             | Zero or One $\leftarrow \ominus \parallel \longrightarrow$ One or Multiple | One and Only One $\leftarrow \ominus \longrightarrow$ Zero, One, or Multiple    |
| Zero or One $\leftarrow \ominus \circ \longrightarrow$ Zero or One            | Zero or One $\leftarrow \ominus \longrightarrow$ More than One             | One and Only One $\leftarrow \ominus \parallel \longrightarrow$ One or Multiple |
| Zero or One $\leftarrow \ominus \circ \longrightarrow$ Zero, One, or Multiple | One and Only One $\leftarrow \ominus \longrightarrow$ One and Only One     | One and Only One $\leftarrow \ominus \longrightarrow$ More than One             |

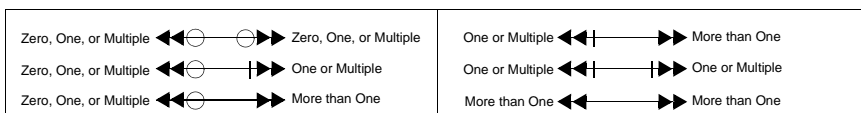
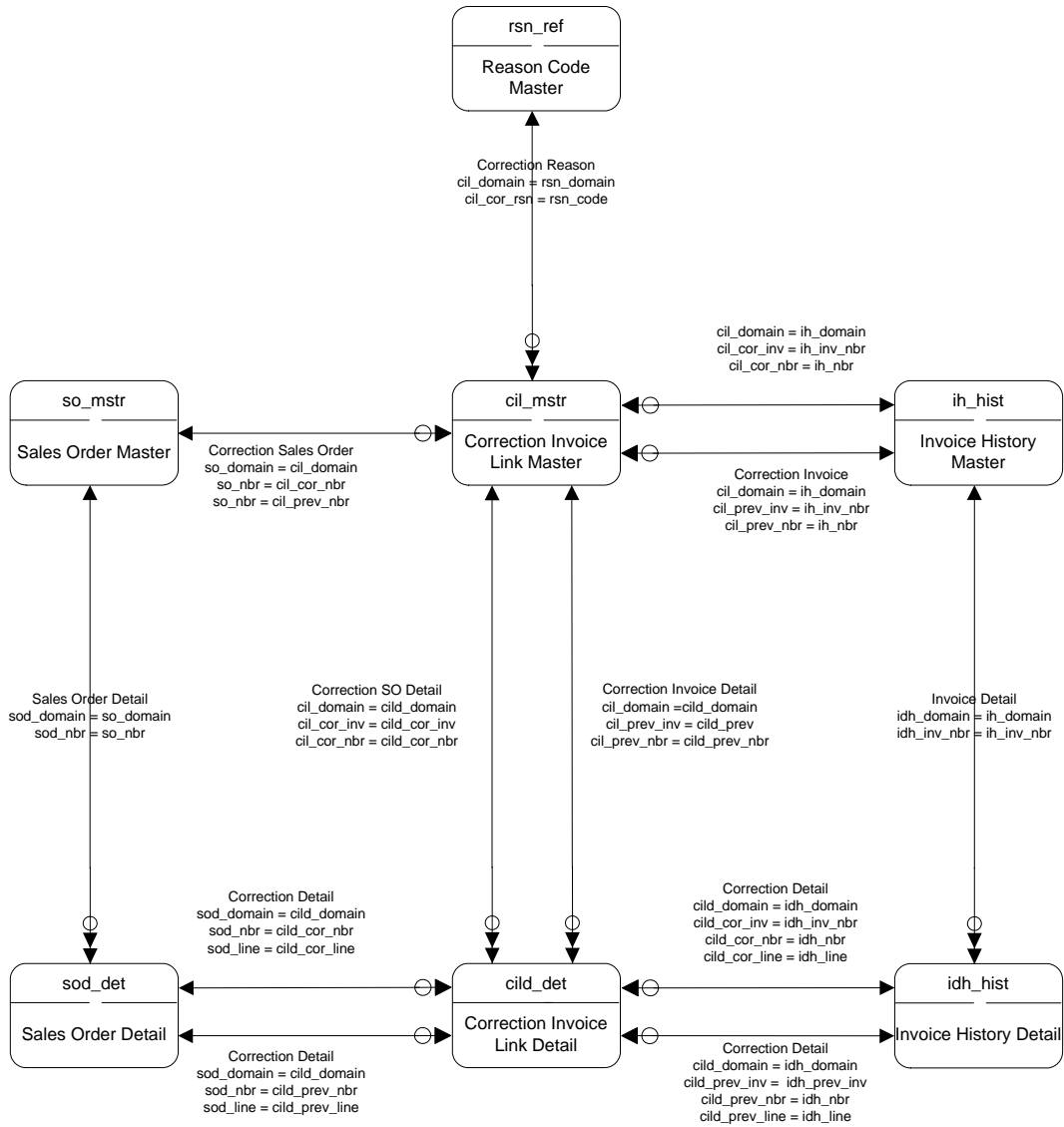
# Sales Orders II



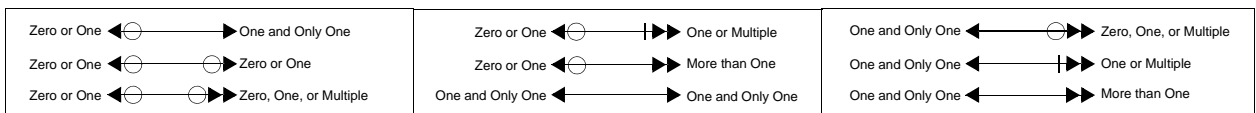
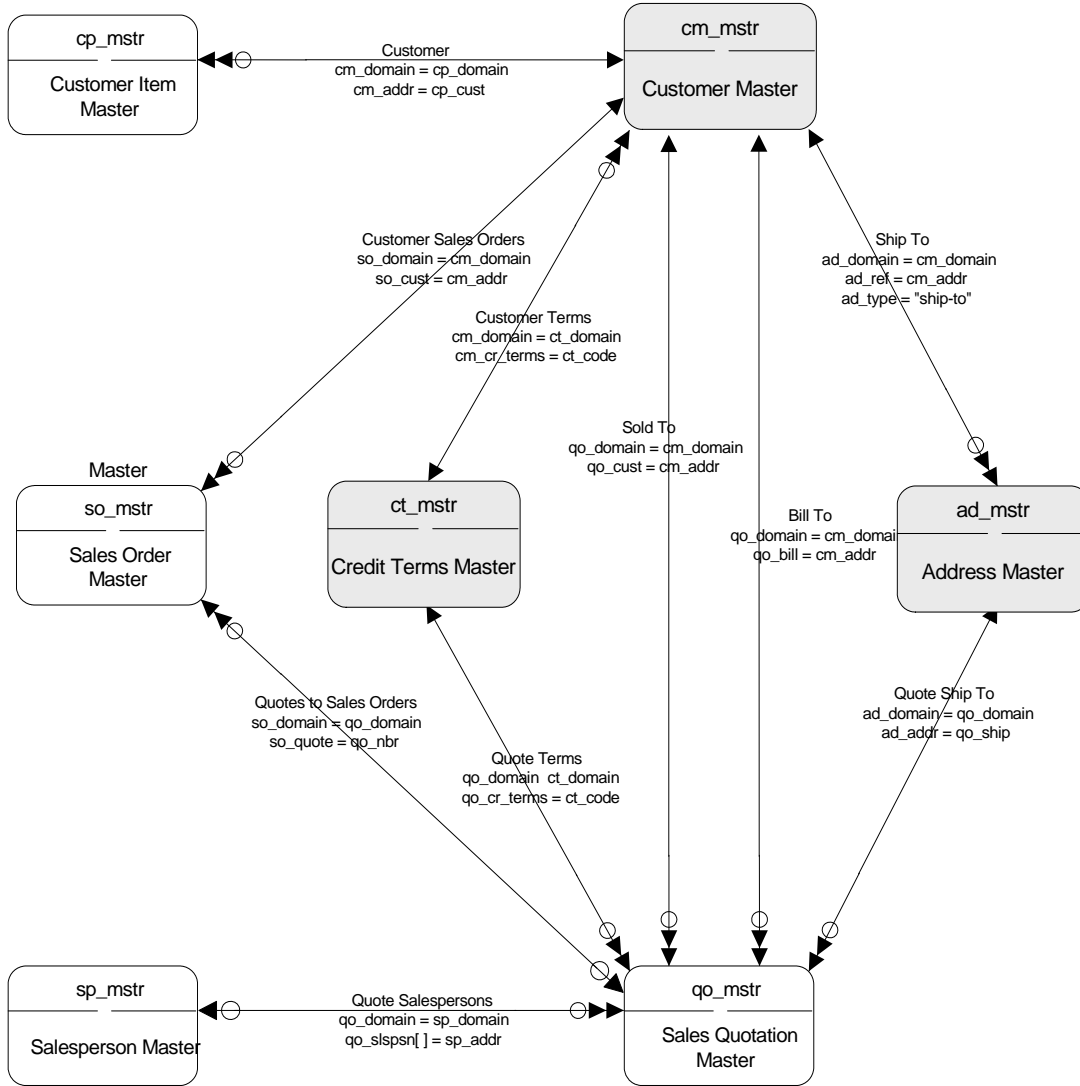
## Sales Orders III



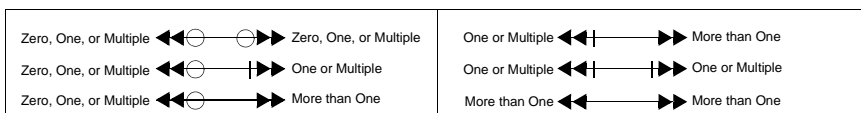
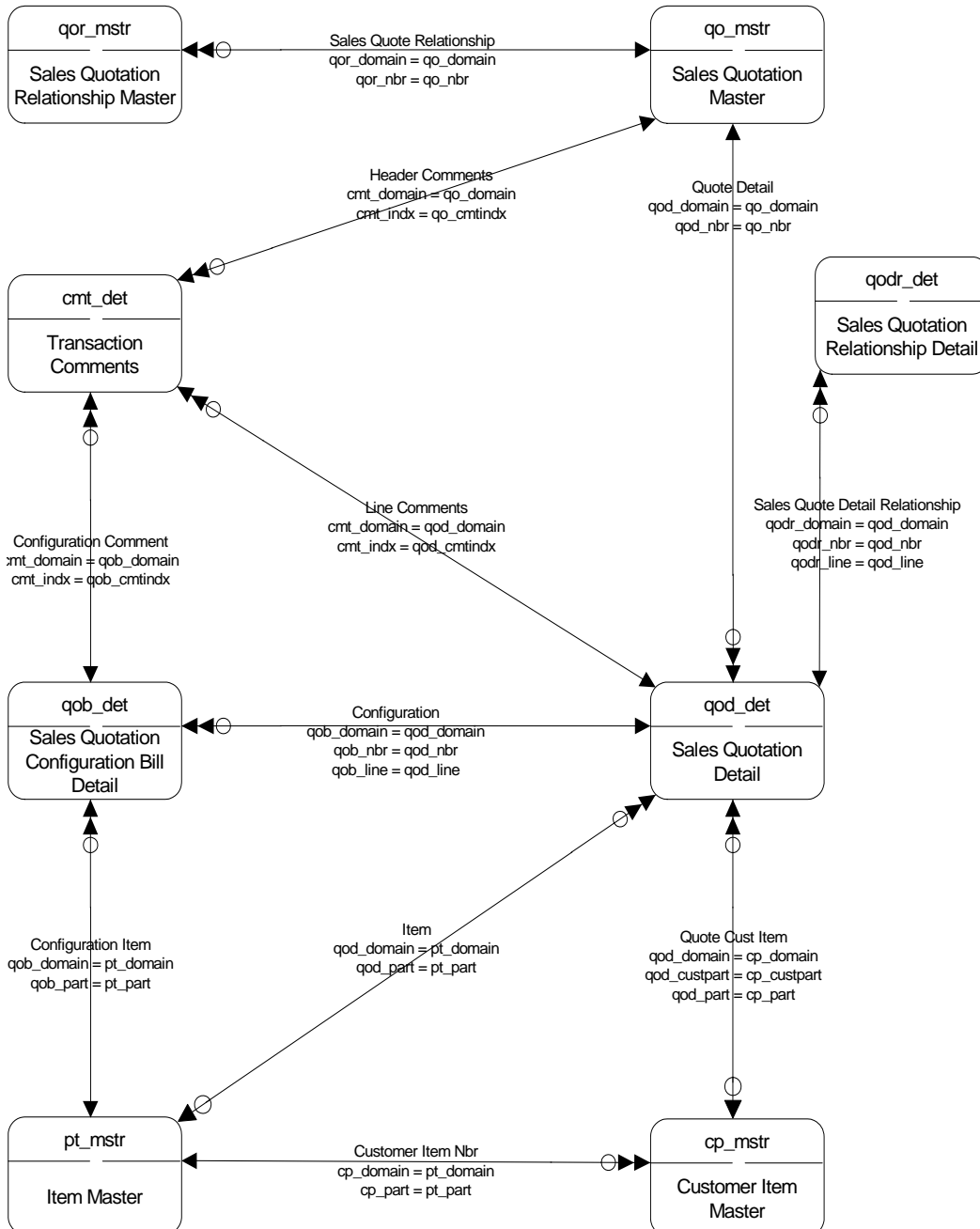
# Sales Order IV



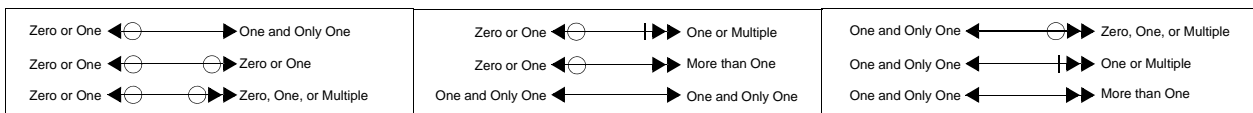
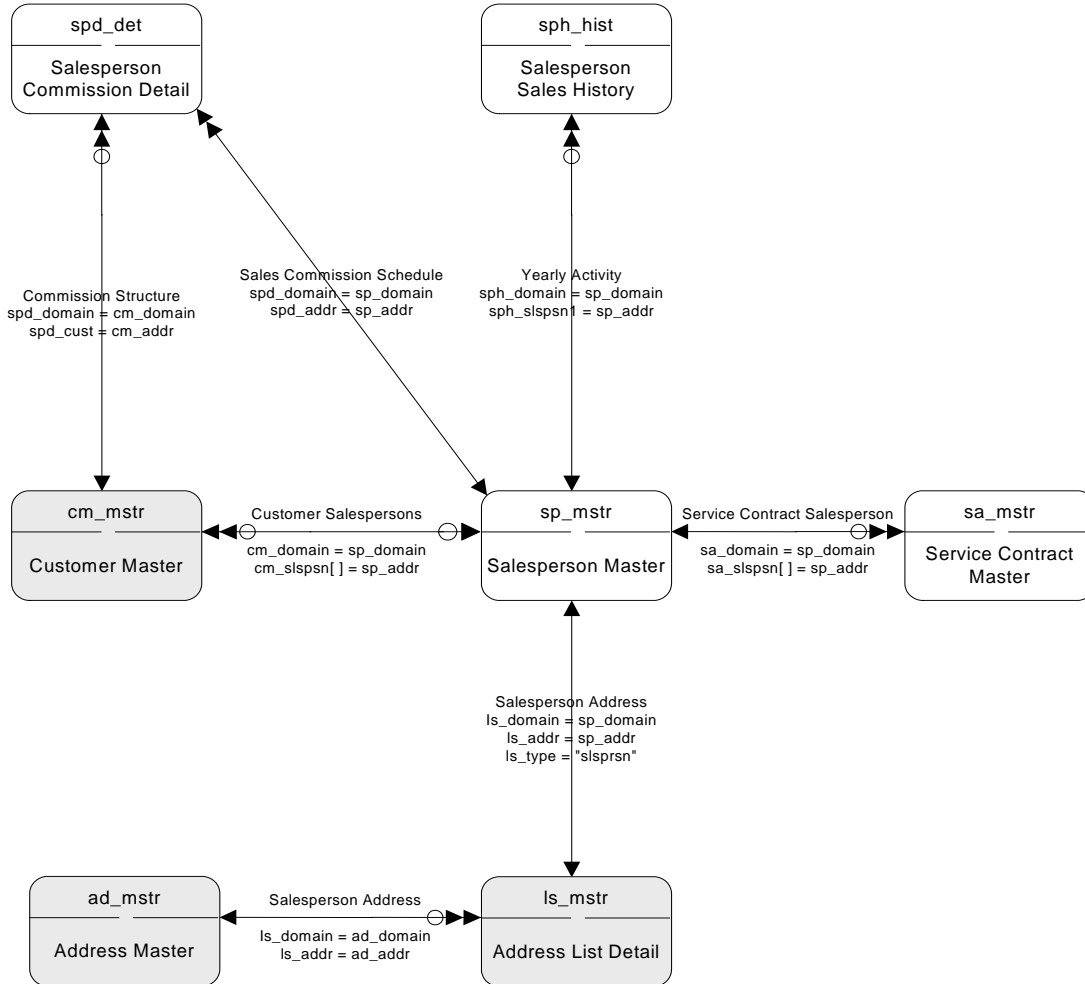
## Sales Quotations I



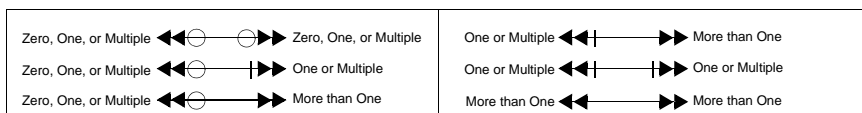
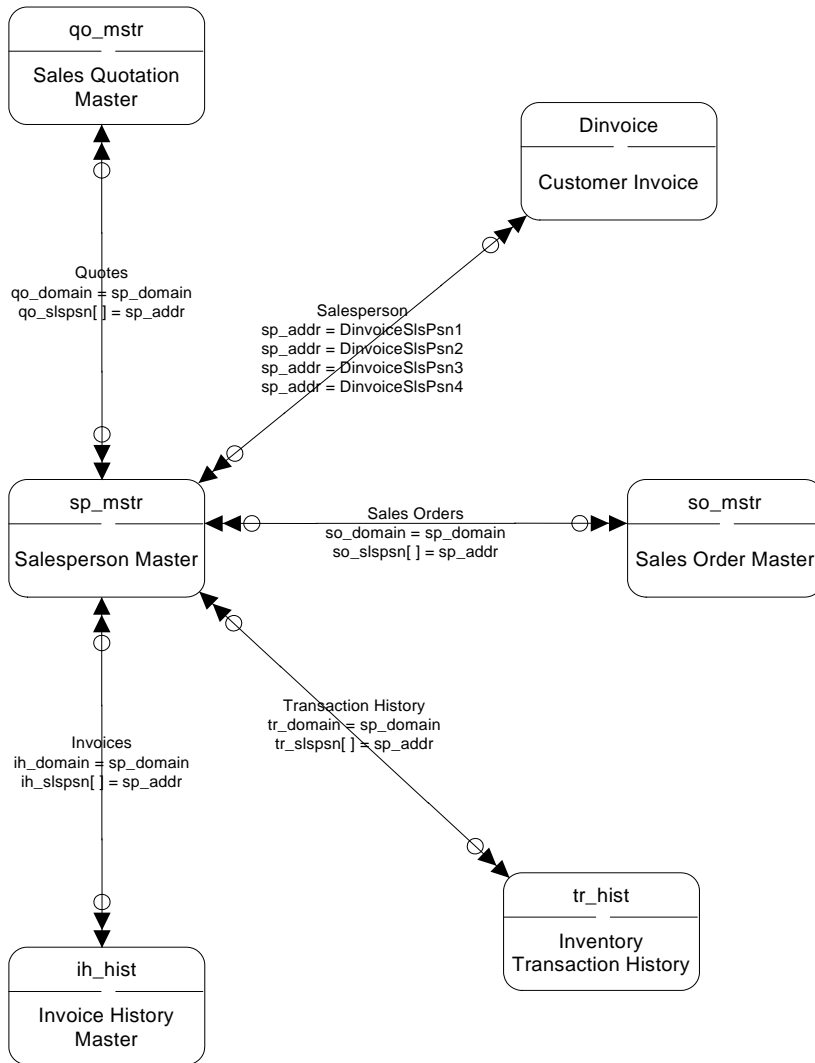
## Sales Quotations II



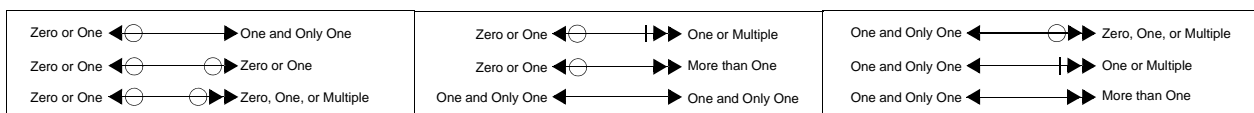
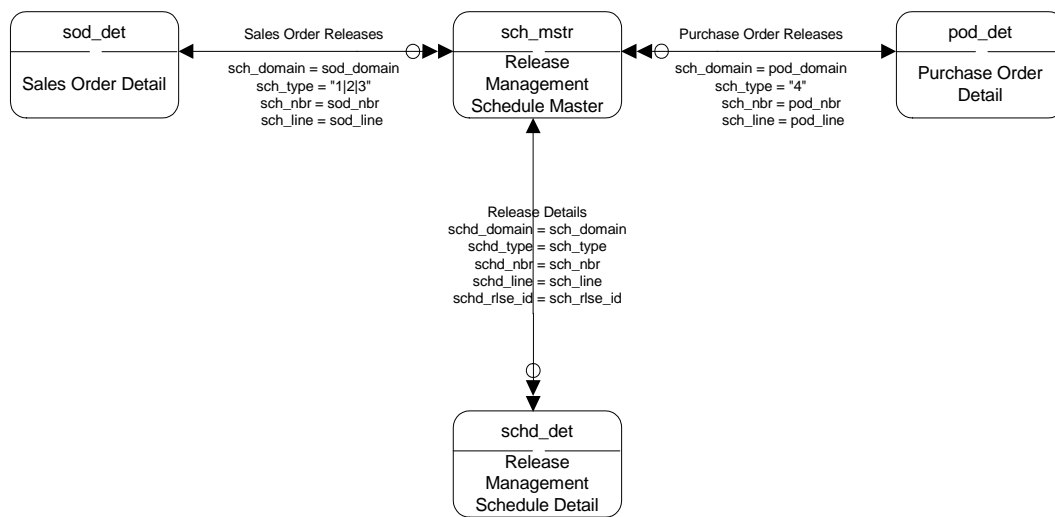
# Salesperson I



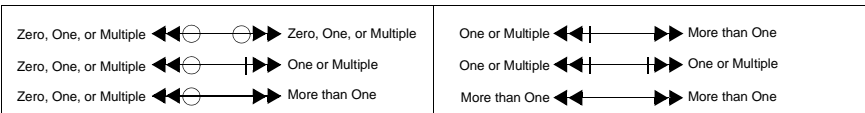
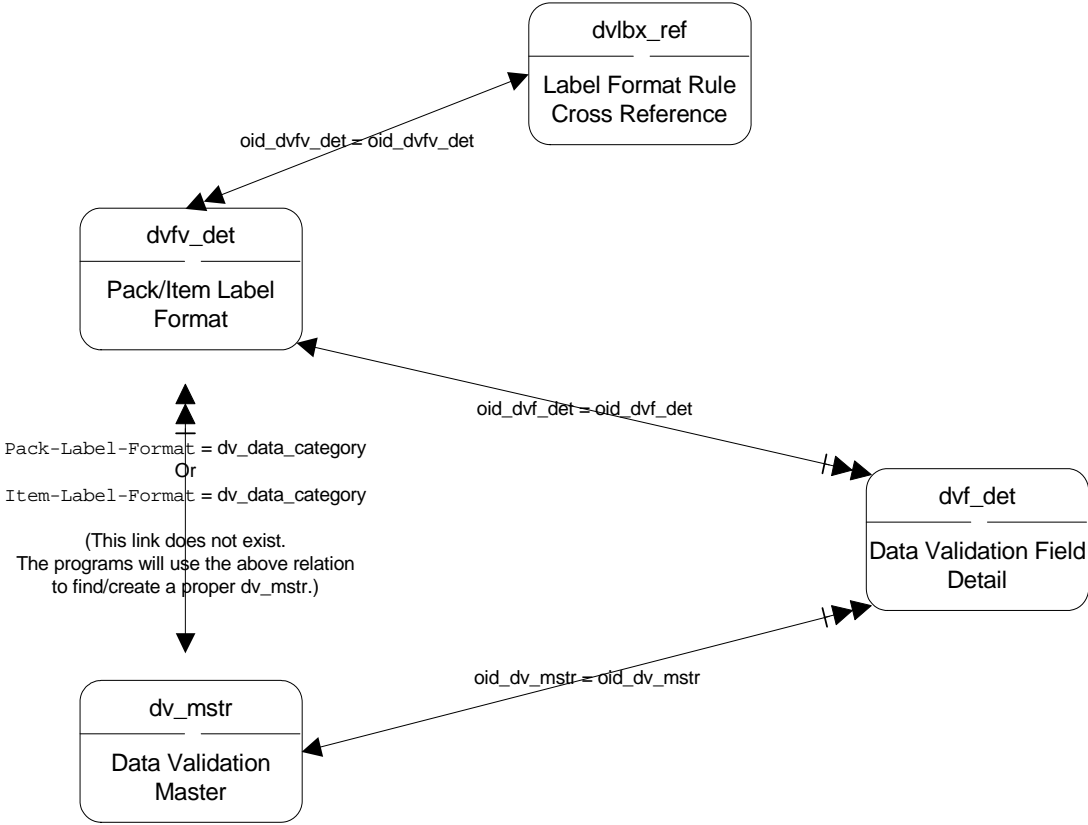
# Salesperson II



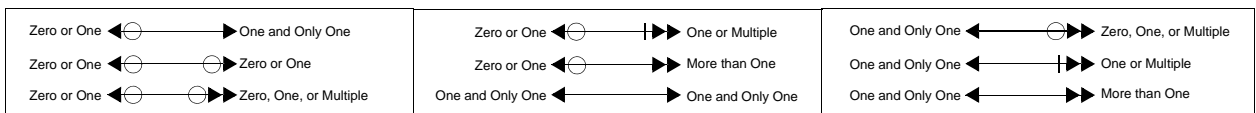
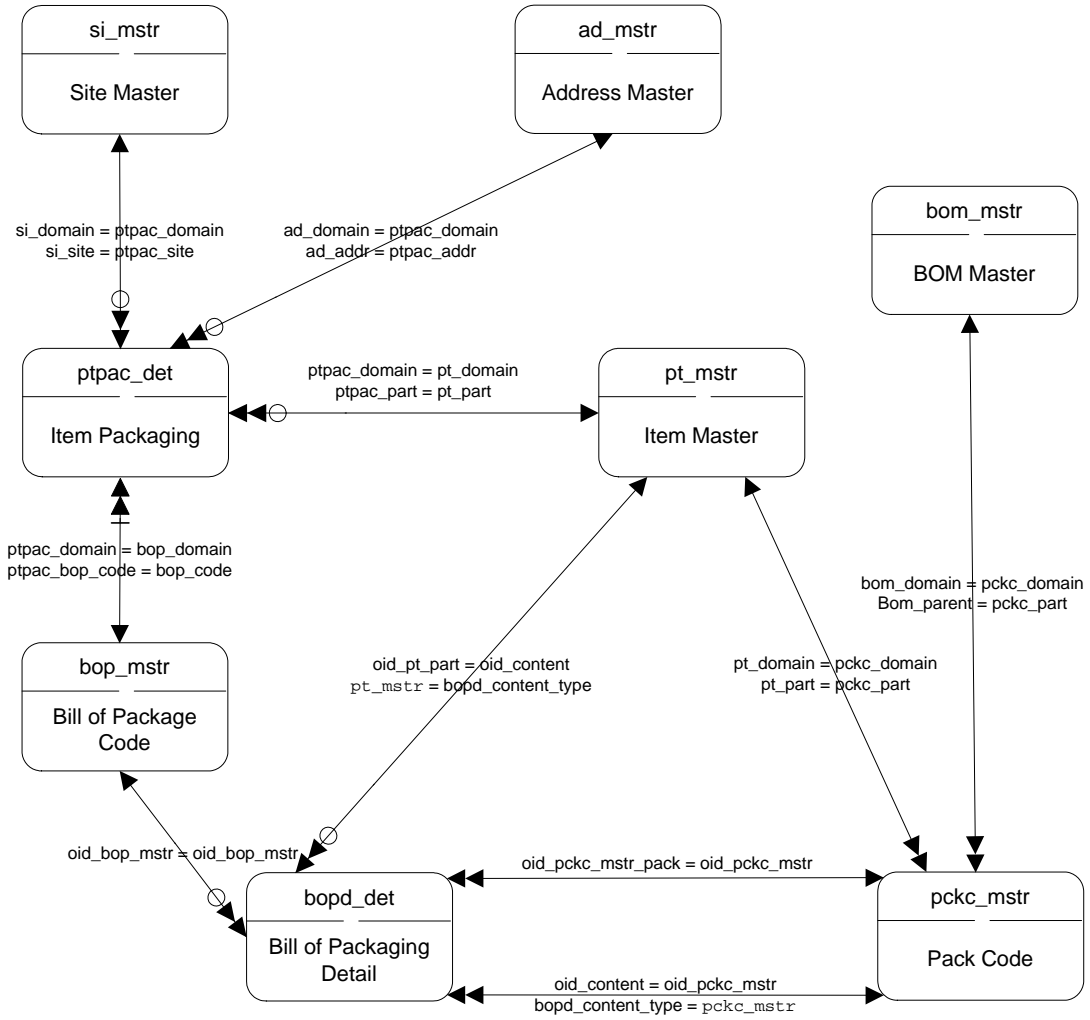
## Scheduled Order Management



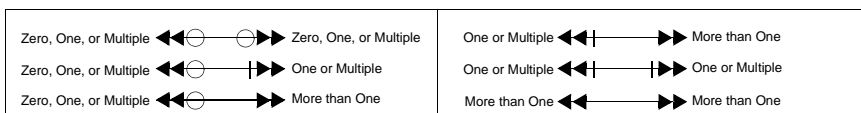
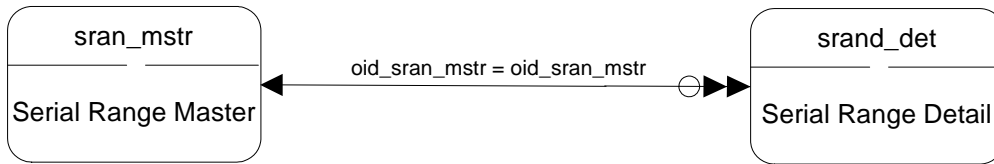
# Serialization - Label Format



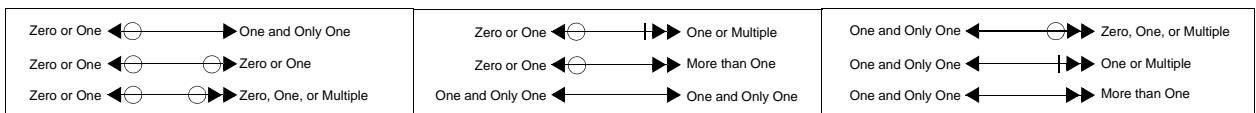
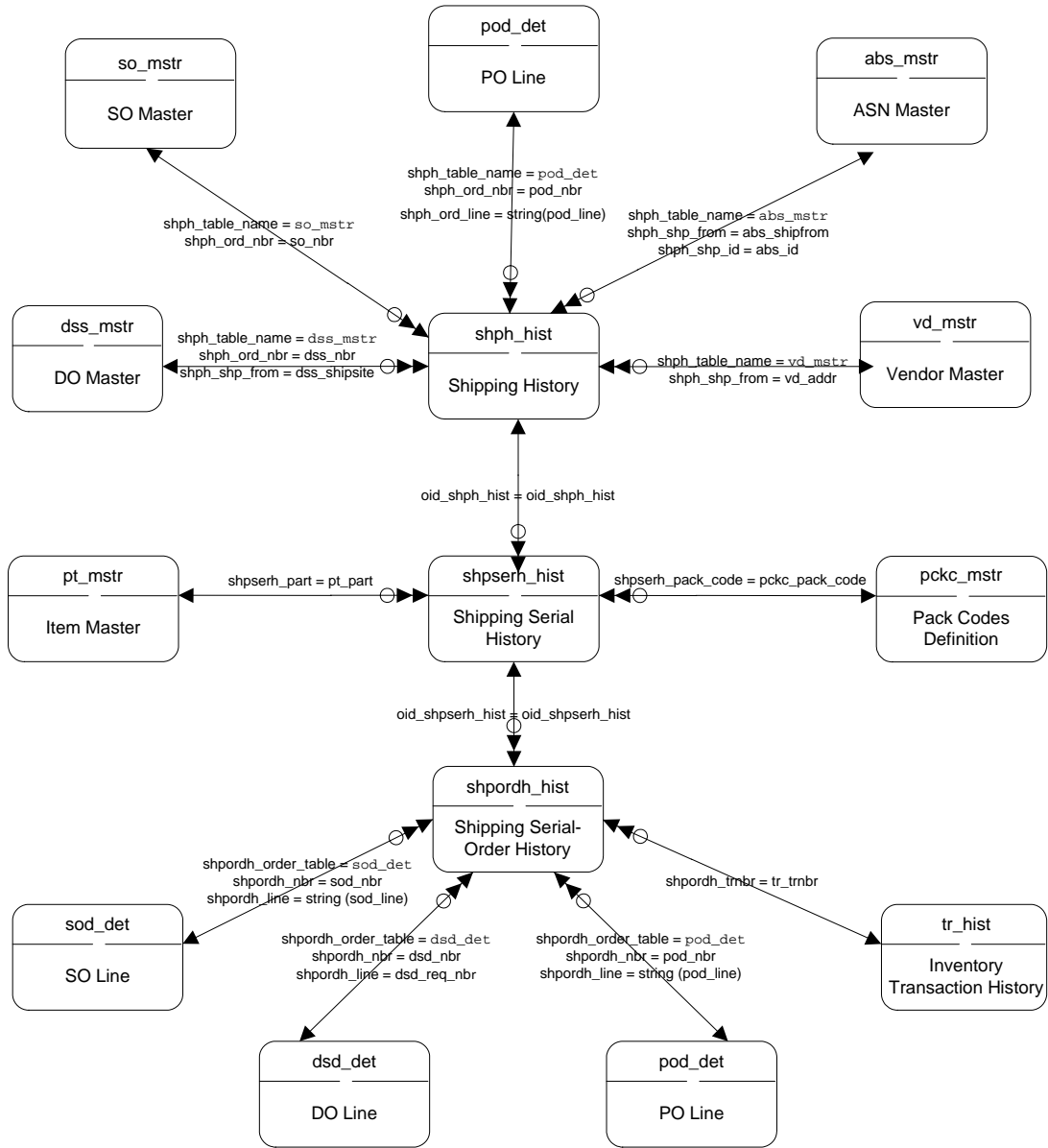
## Serialization - Packaging Structure



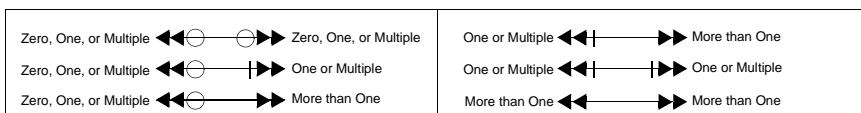
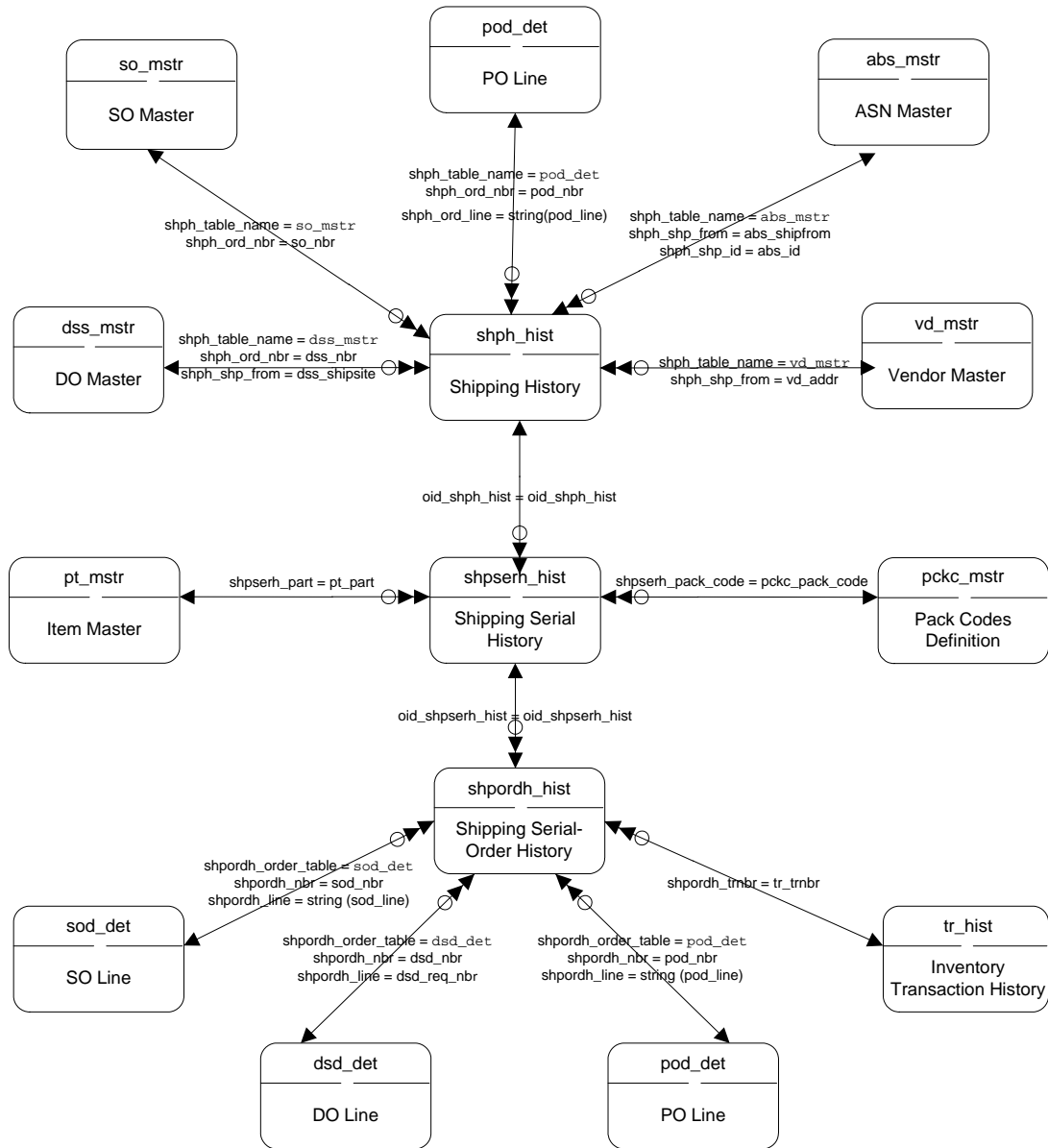
## Serialization - Serial Range



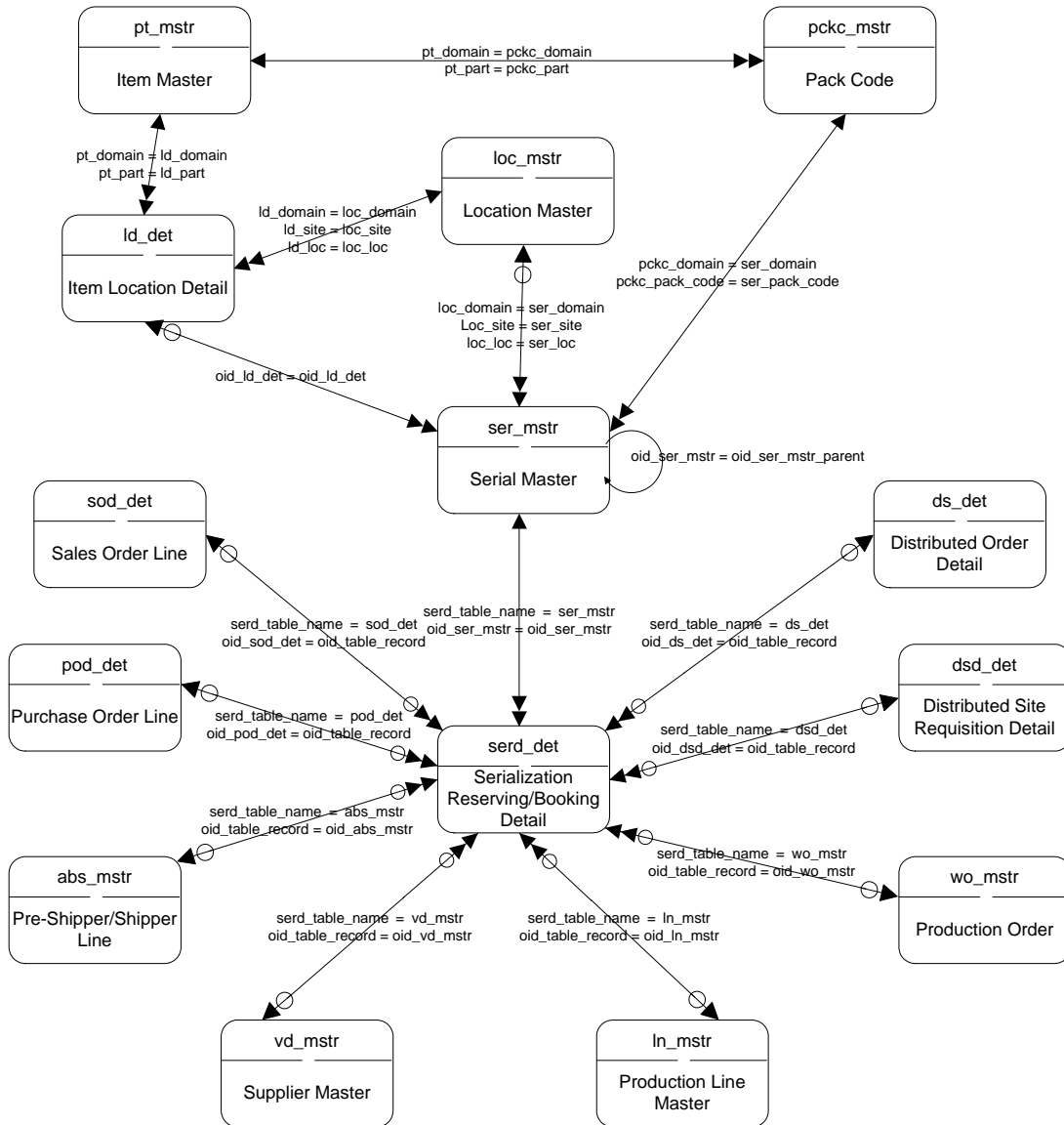
## Serialization - Setup



# Serialization - Shipping History

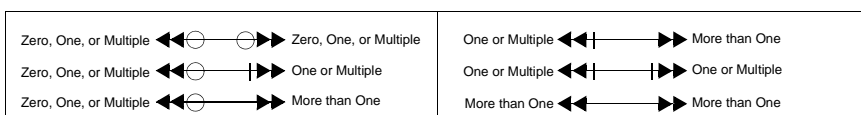
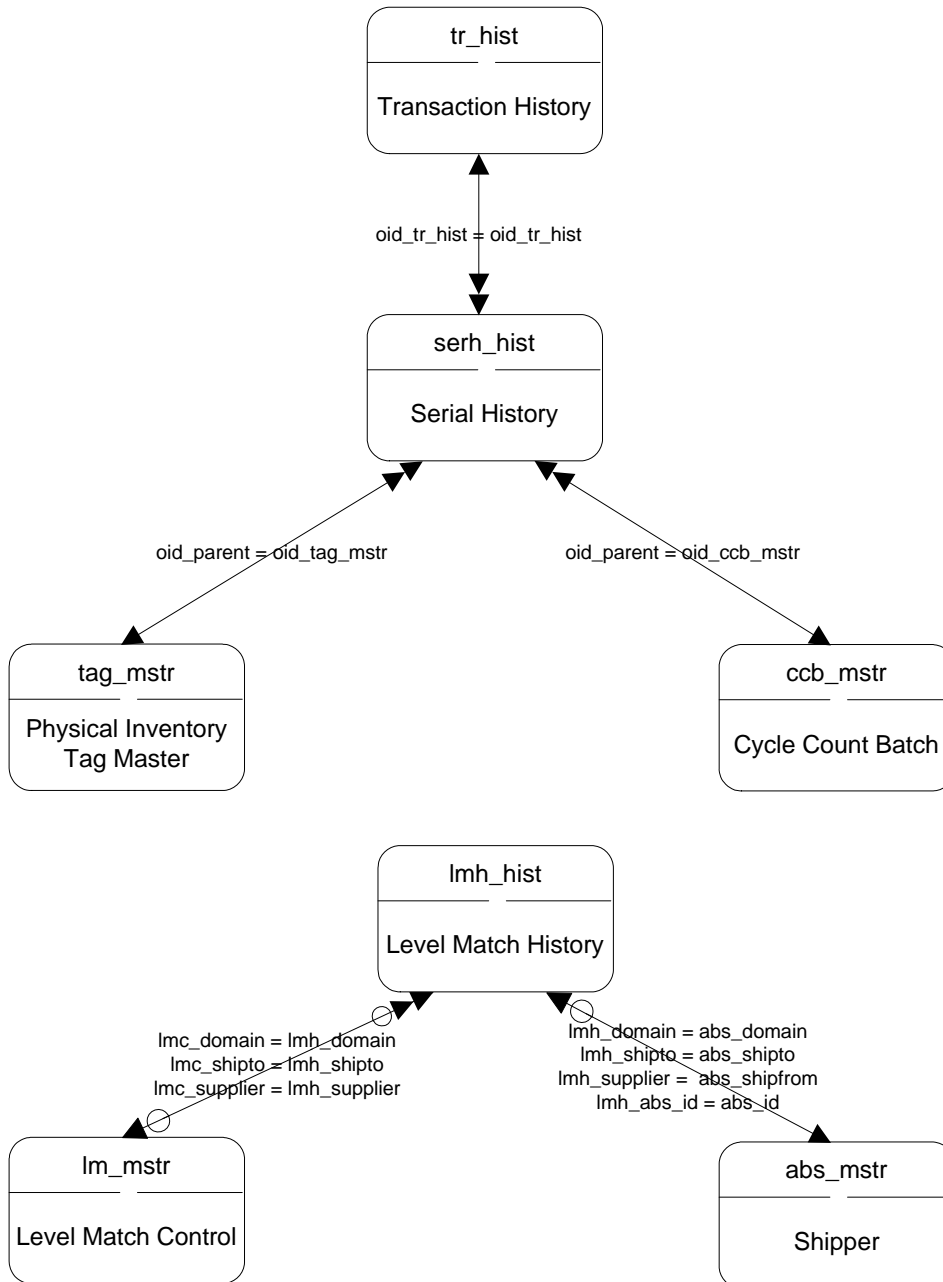


## Serialization - Transaction Data

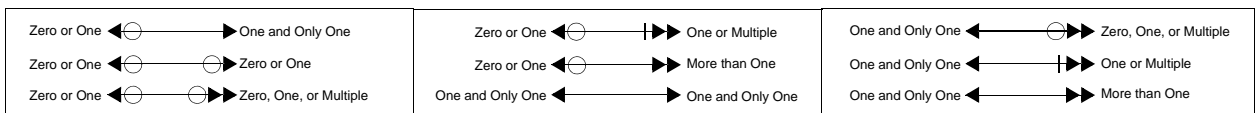
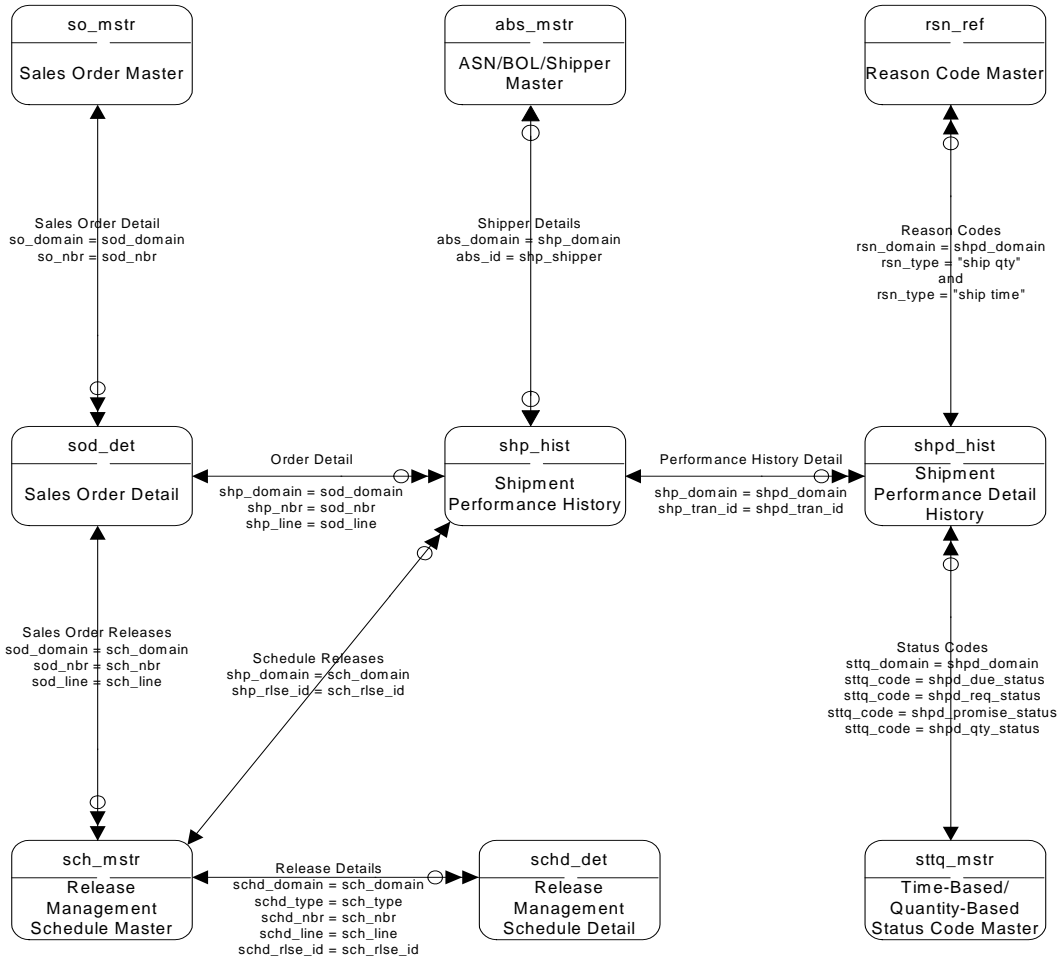


|   |   |  |
|---|---|--|
| Zero or One $\leftarrow \ominus \rightarrow$ One and Only One             | Zero or One $\leftarrow \ominus \dashv \rightarrow$ One or Multiple | One and Only One $\leftarrow \ominus \rightarrow$ Zero, One, or Multiple |
| Zero or One $\leftarrow \ominus \rightarrow \ominus$ Zero or One          | Zero or One $\leftarrow \ominus \dashv \rightarrow$ More than One   | One and Only One $\leftarrow \ominus \dashv \rightarrow$ One or Multiple |
| Zero or One $\leftarrow \ominus \rightarrow \circ$ Zero, One, or Multiple | One and Only One $\leftarrow \ominus \rightarrow$ One and Only One  | One and Only One $\leftarrow \ominus \dashv \rightarrow$ More than One   |

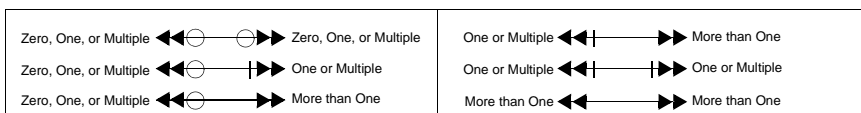
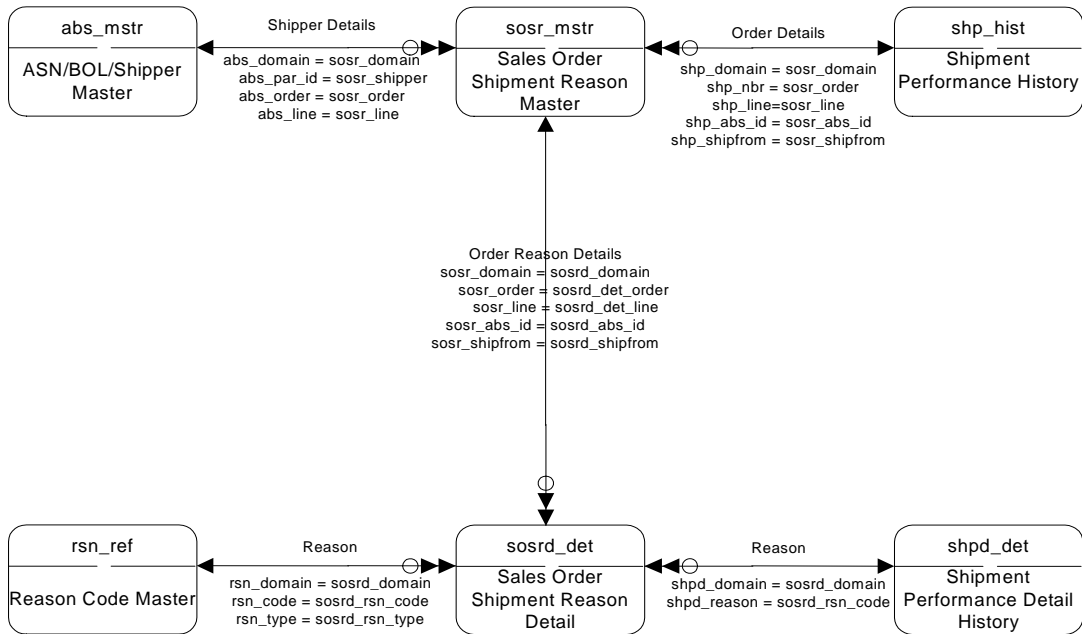
## Serialization - Transaction History



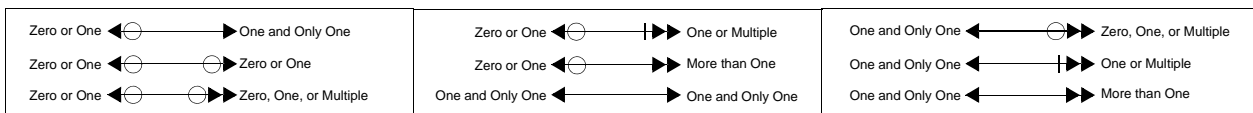
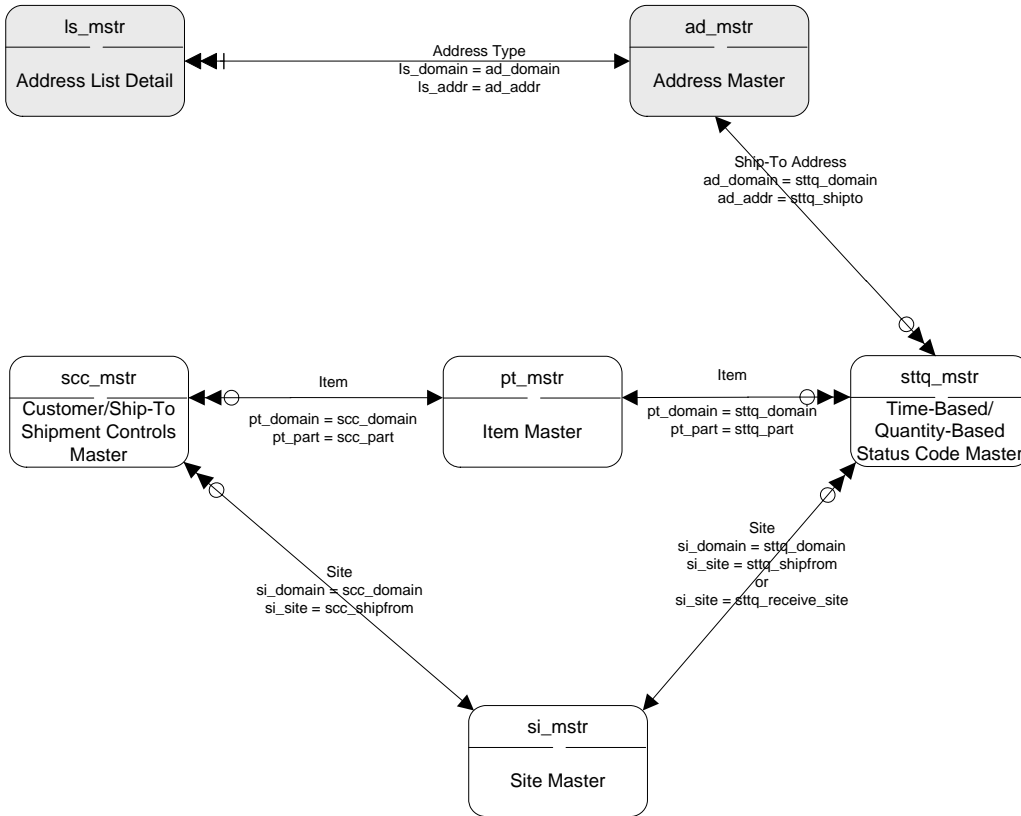
# Shipment Performance I



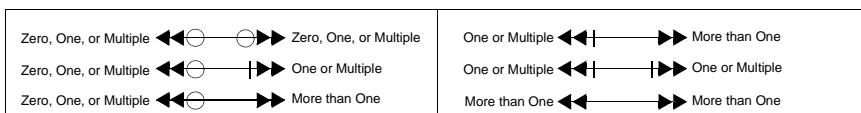
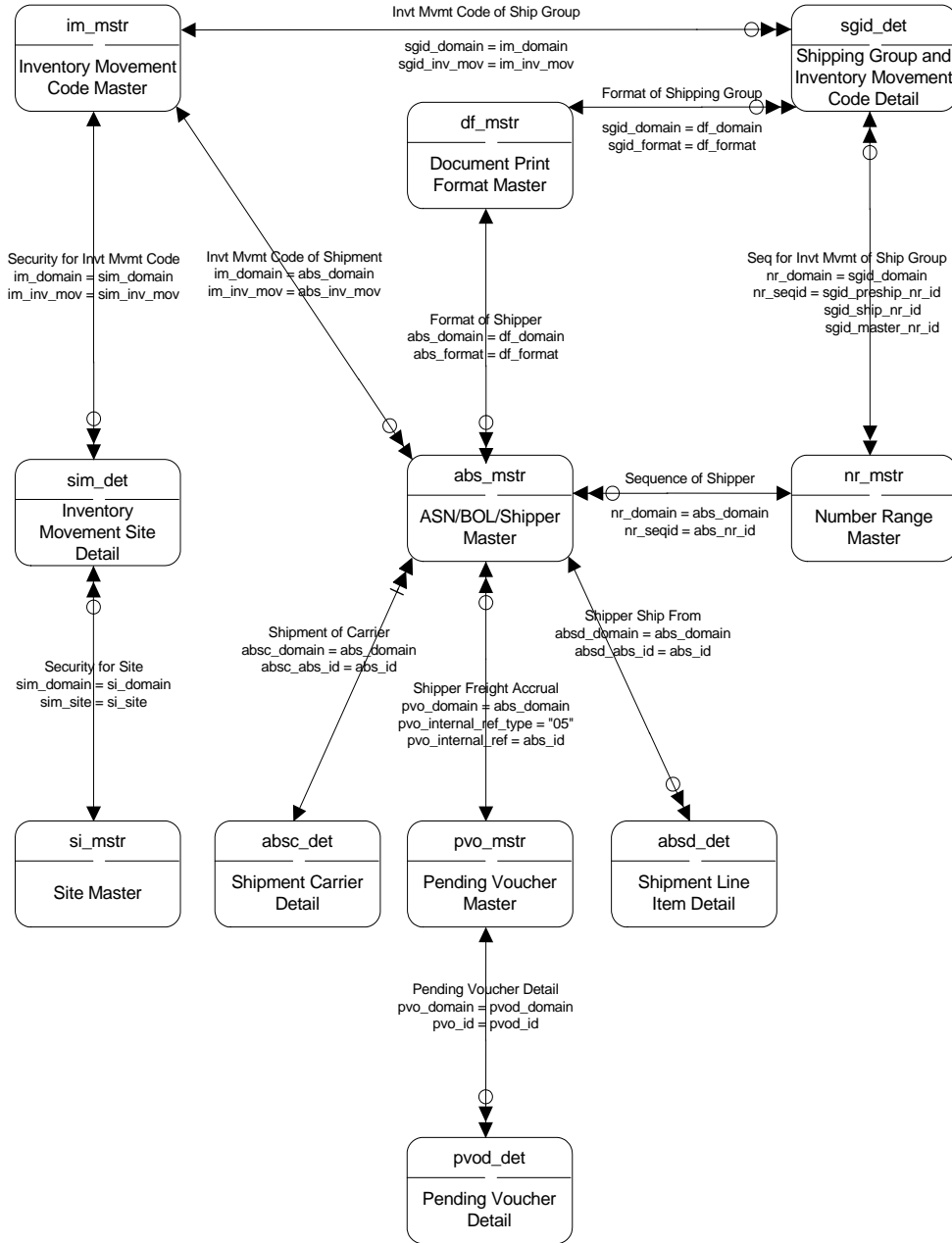
# Shipment Performance II



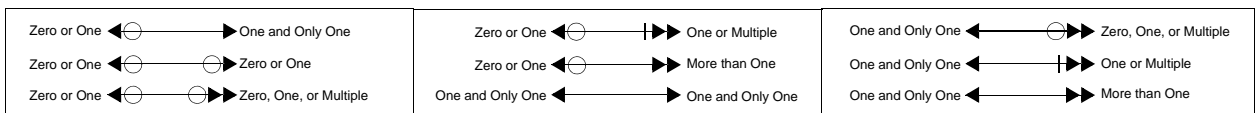
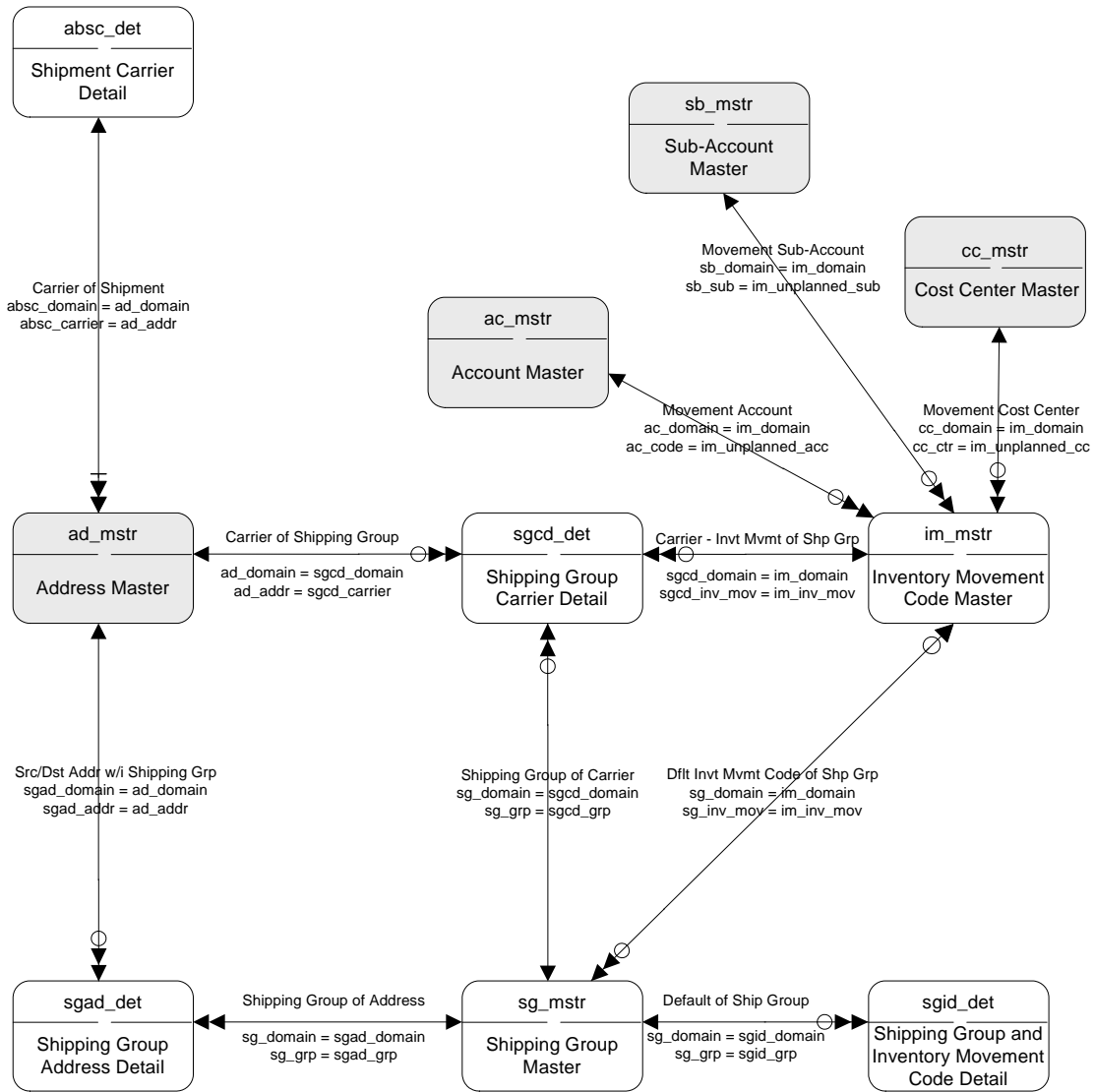
## Shipment Performance III



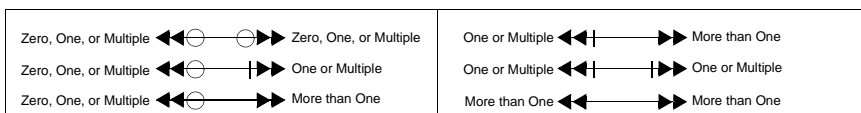
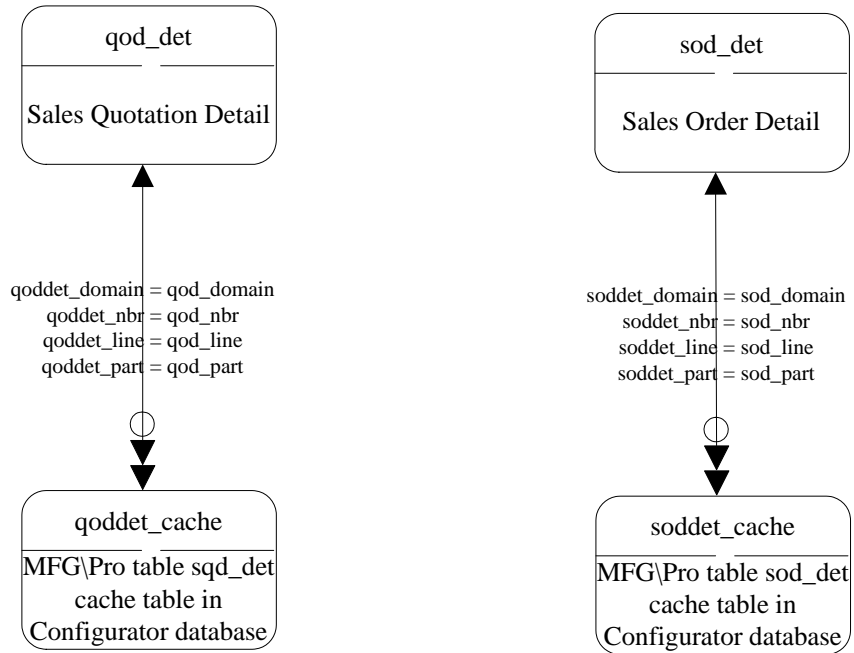
# Shipping I



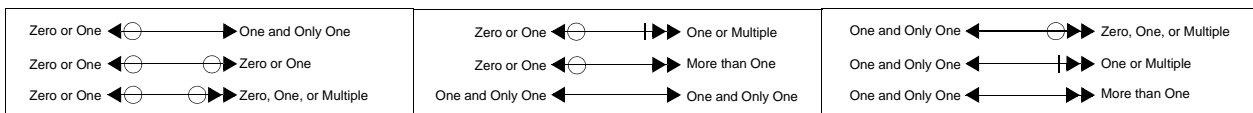
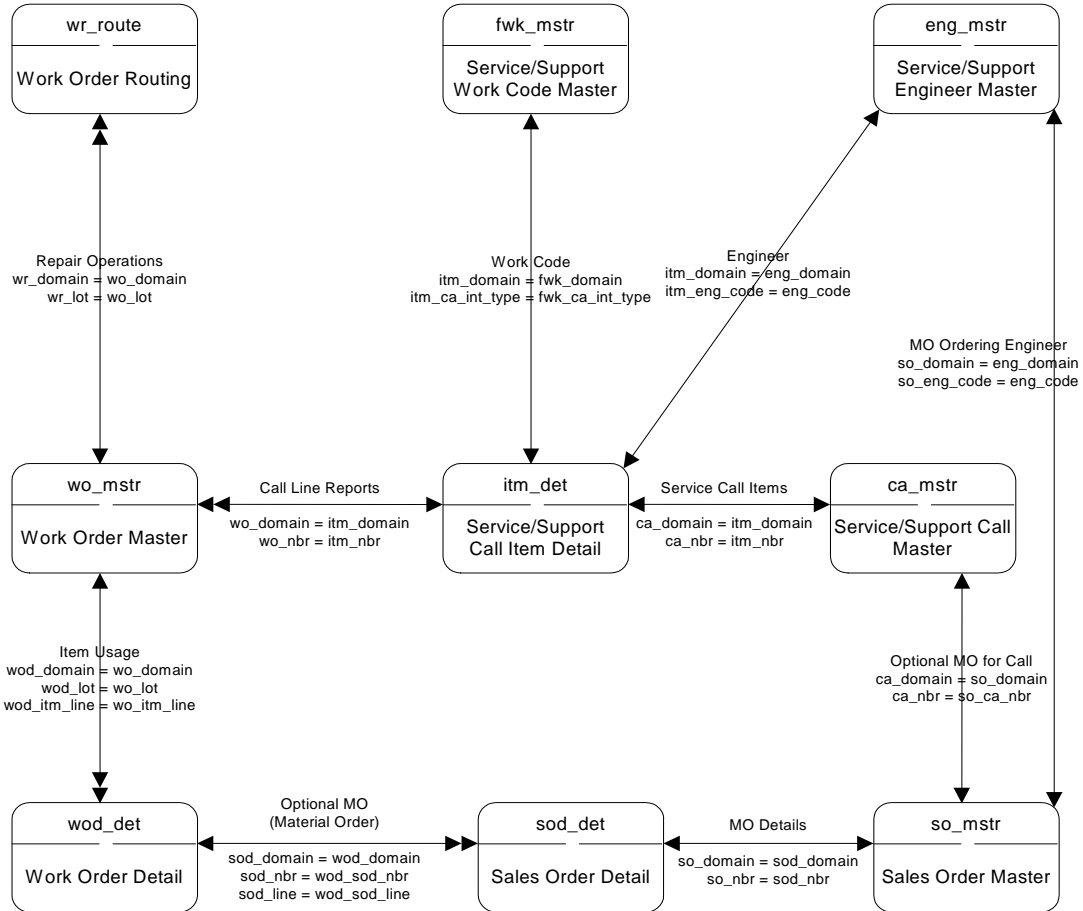
## Shipping II



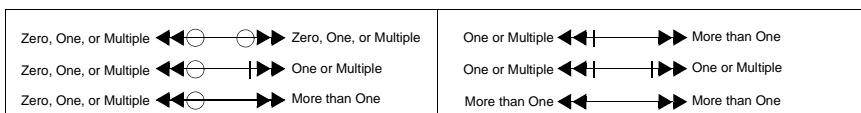
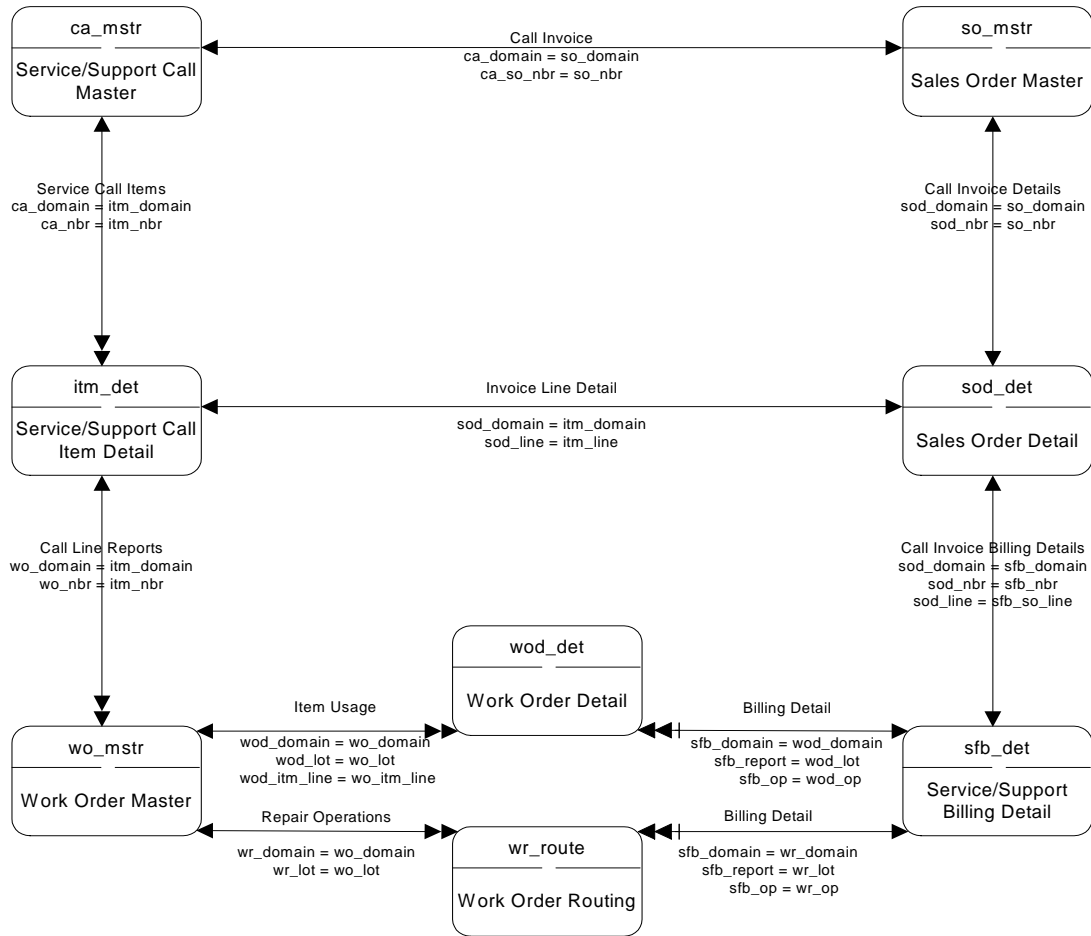
# SOD/QOD Assignment Rule Cache



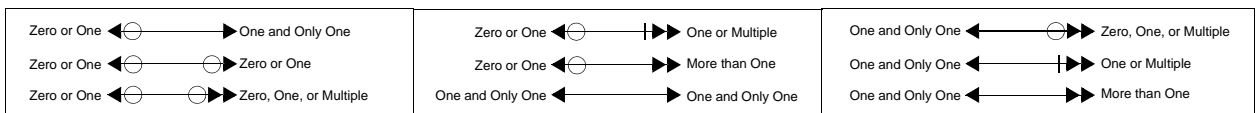
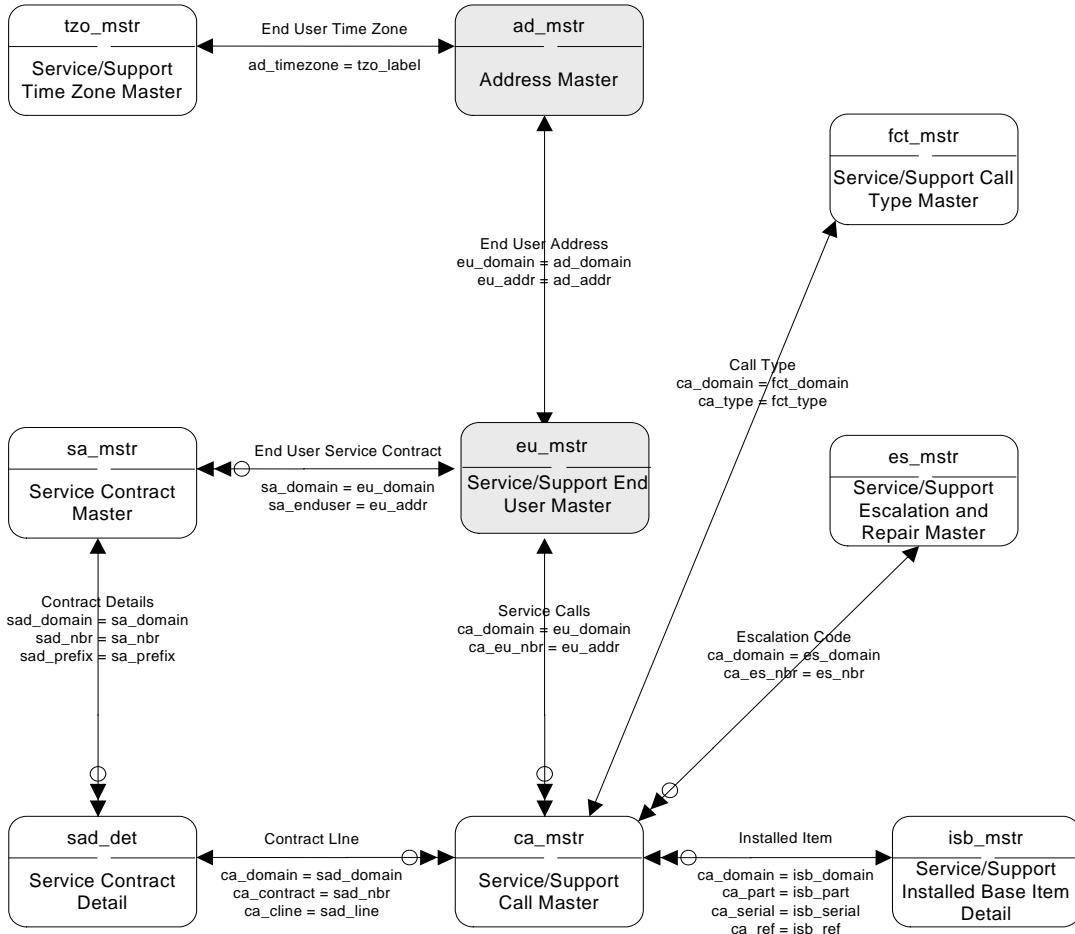
## SSM – Call Activity Recording



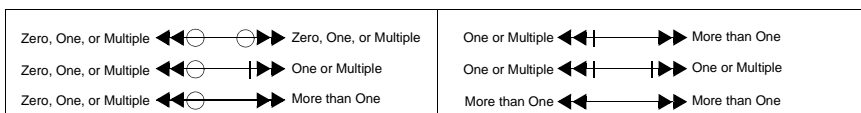
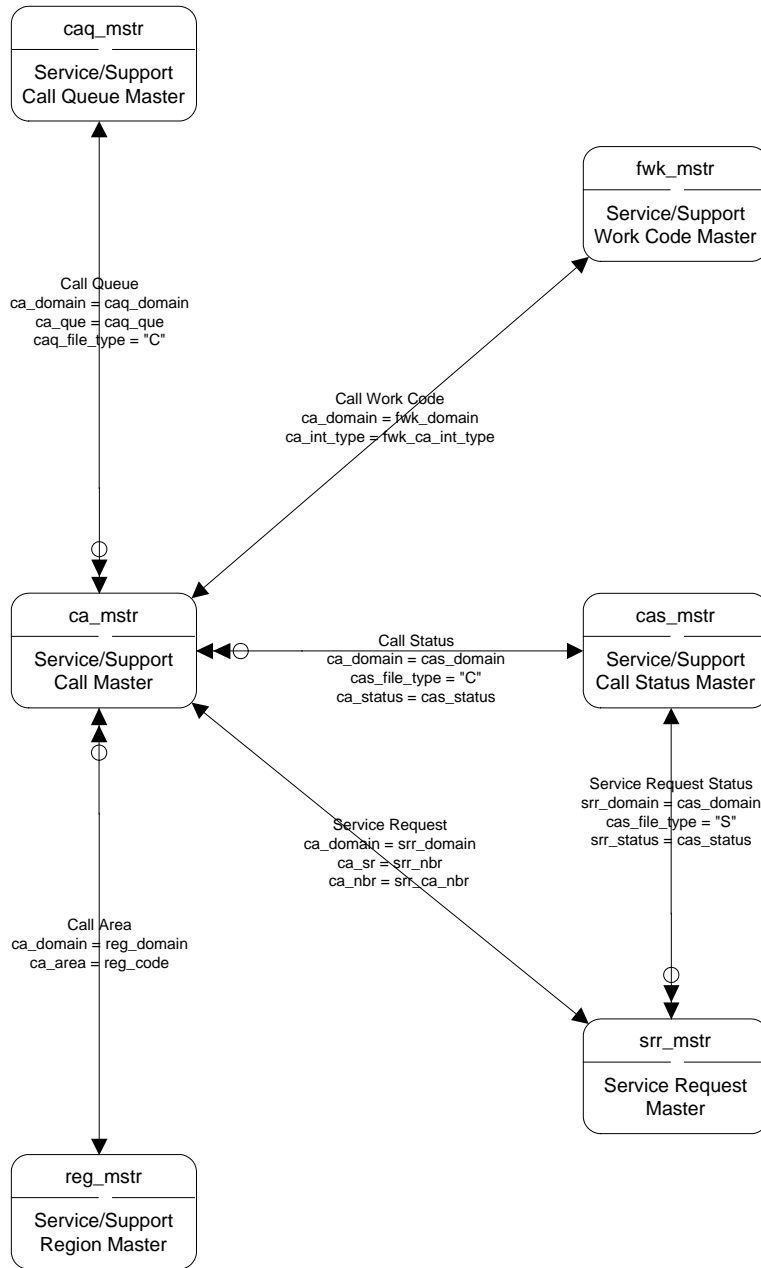
# SSM – Call Invoice Recording



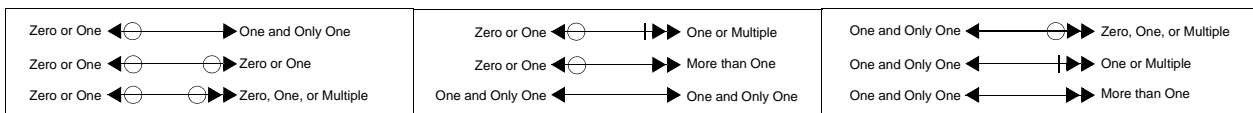
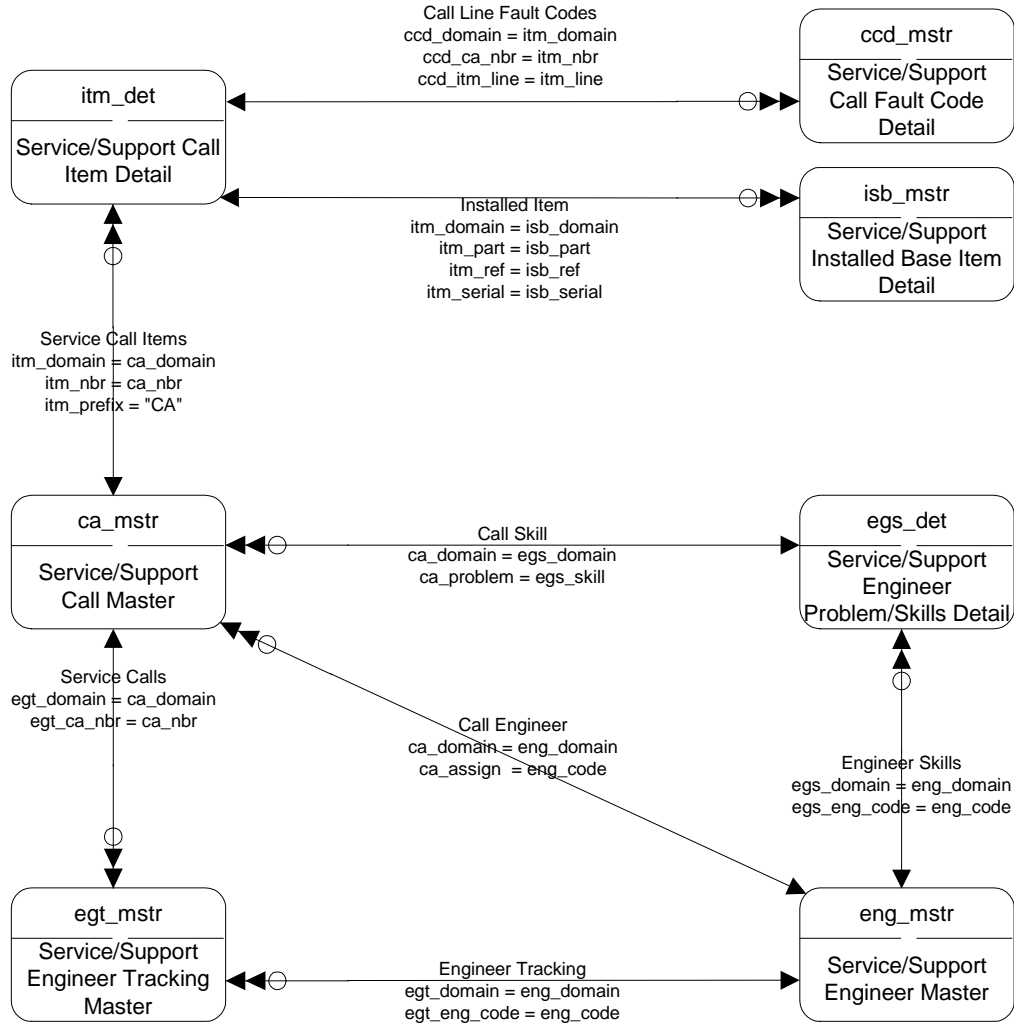
## SSM – Call Tracking I



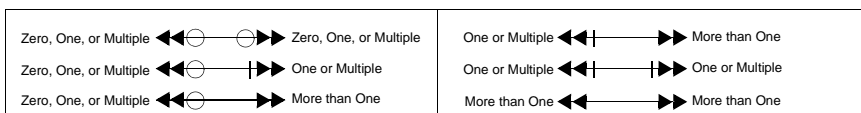
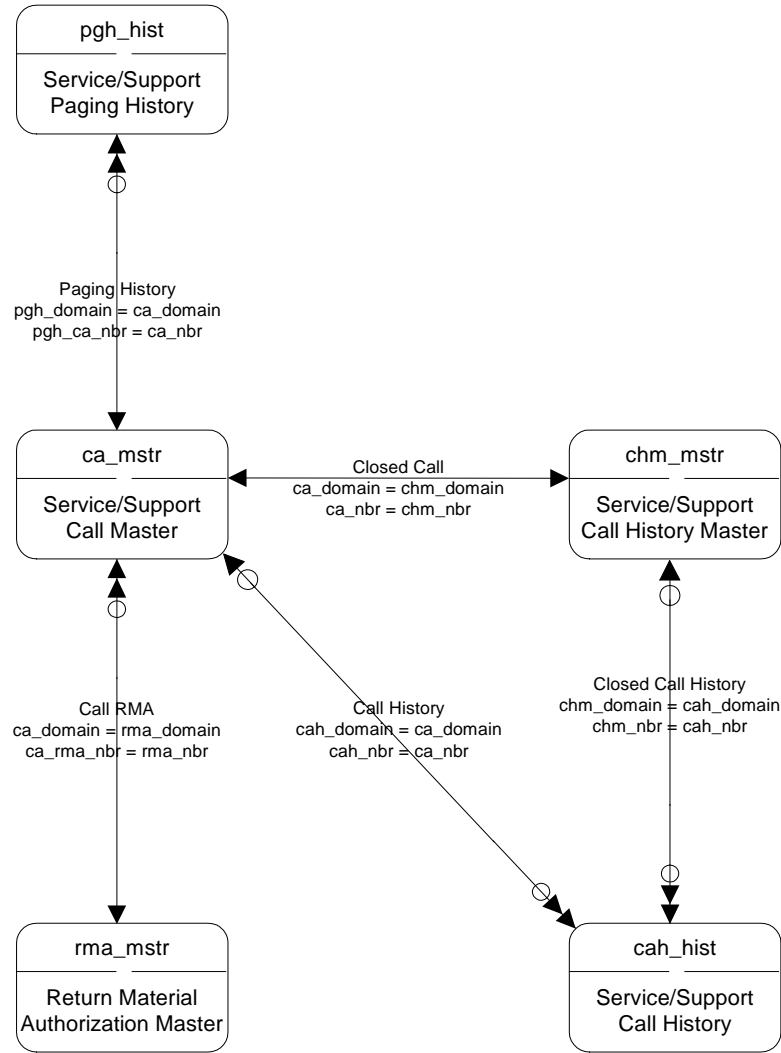
## SSM – Call Tracking II



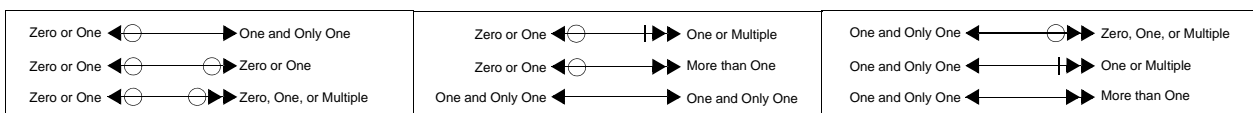
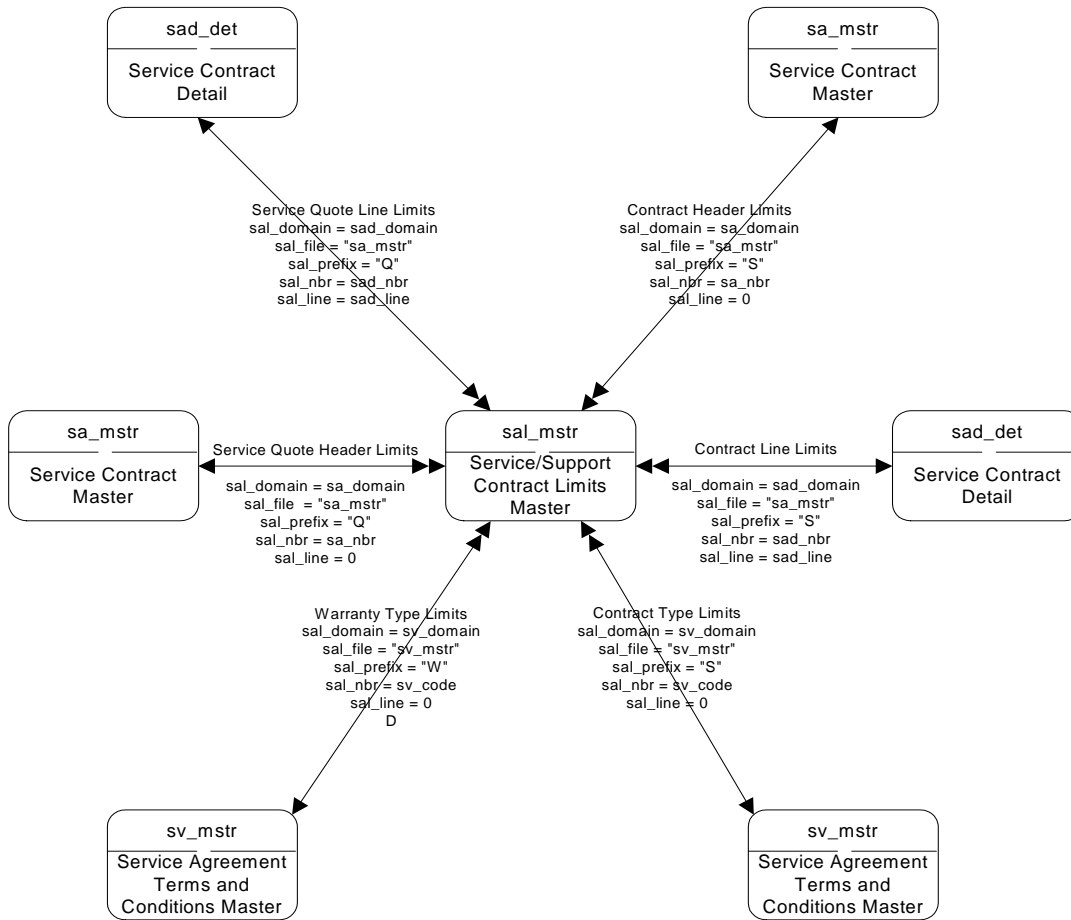
## SSM – Call Tracking III



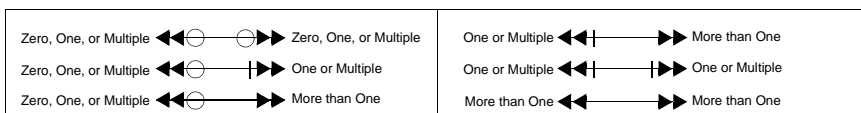
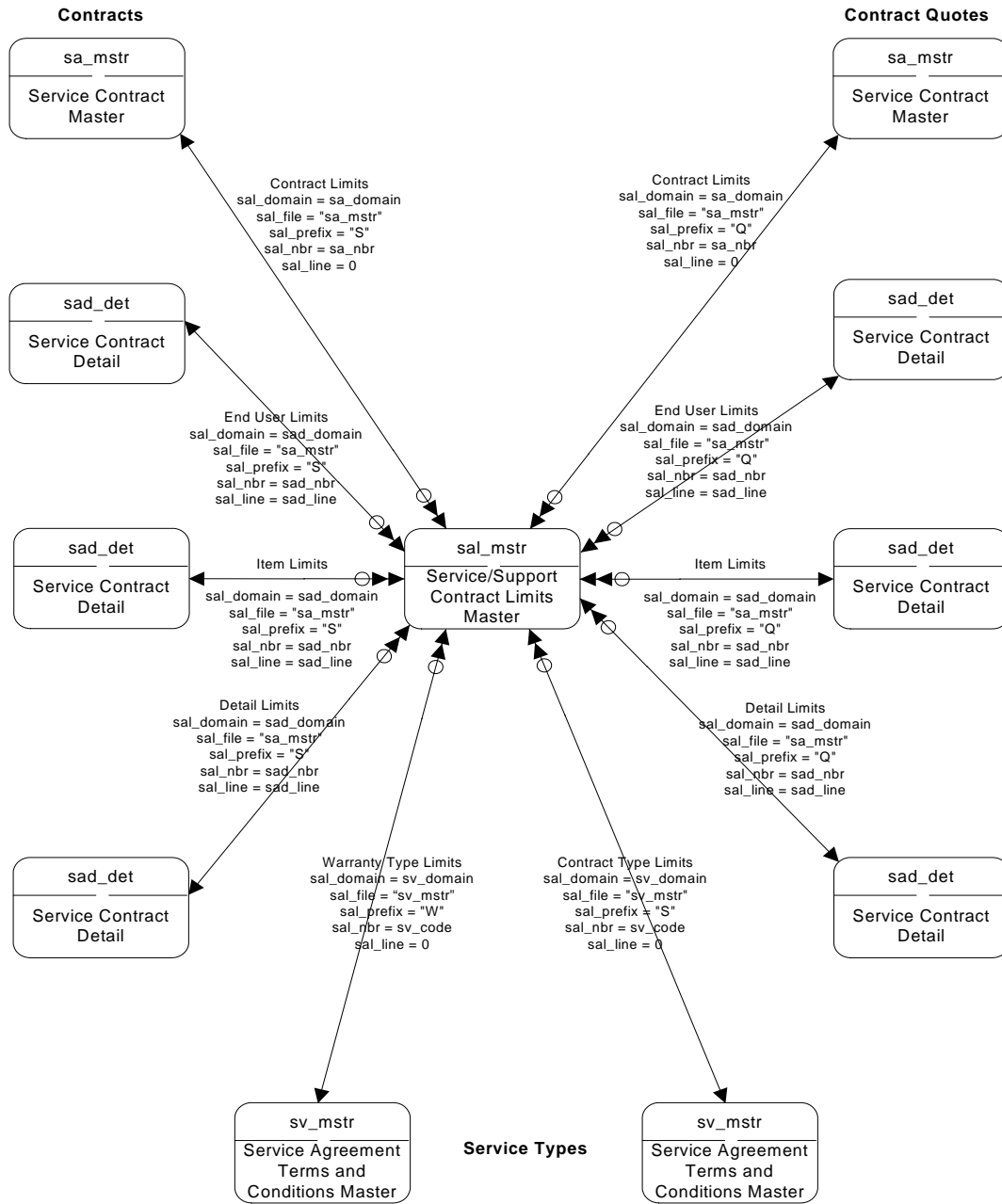
# SSM – Call Tracking IV



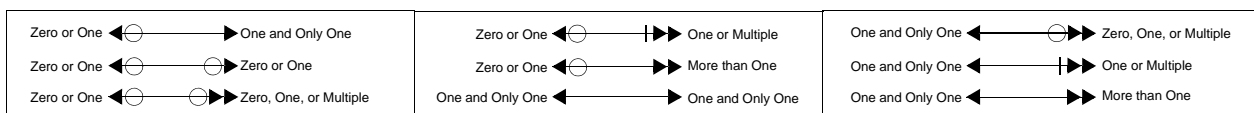
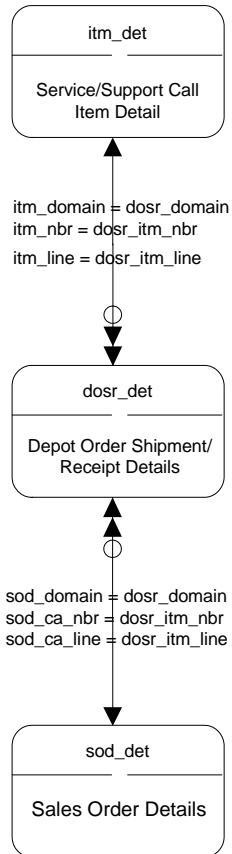
## SSM – Coverage Limits I



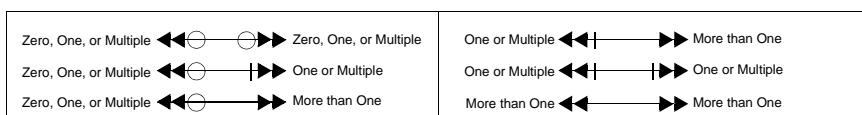
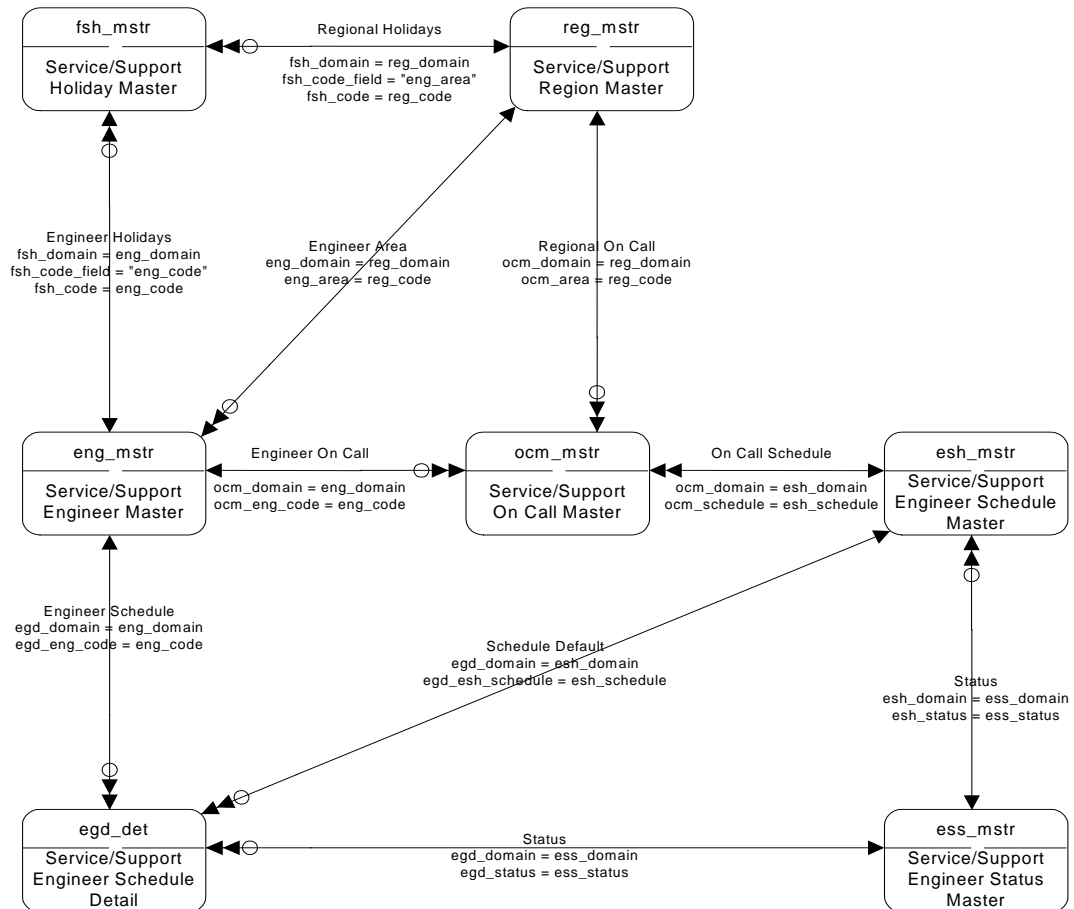
# SSM – Coverage Limits II



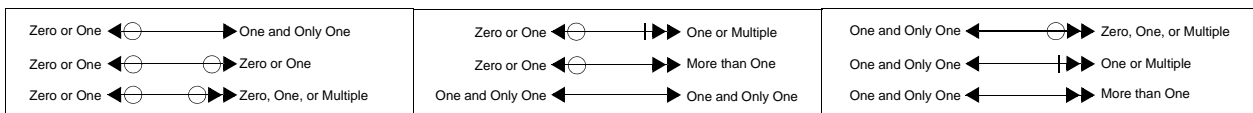
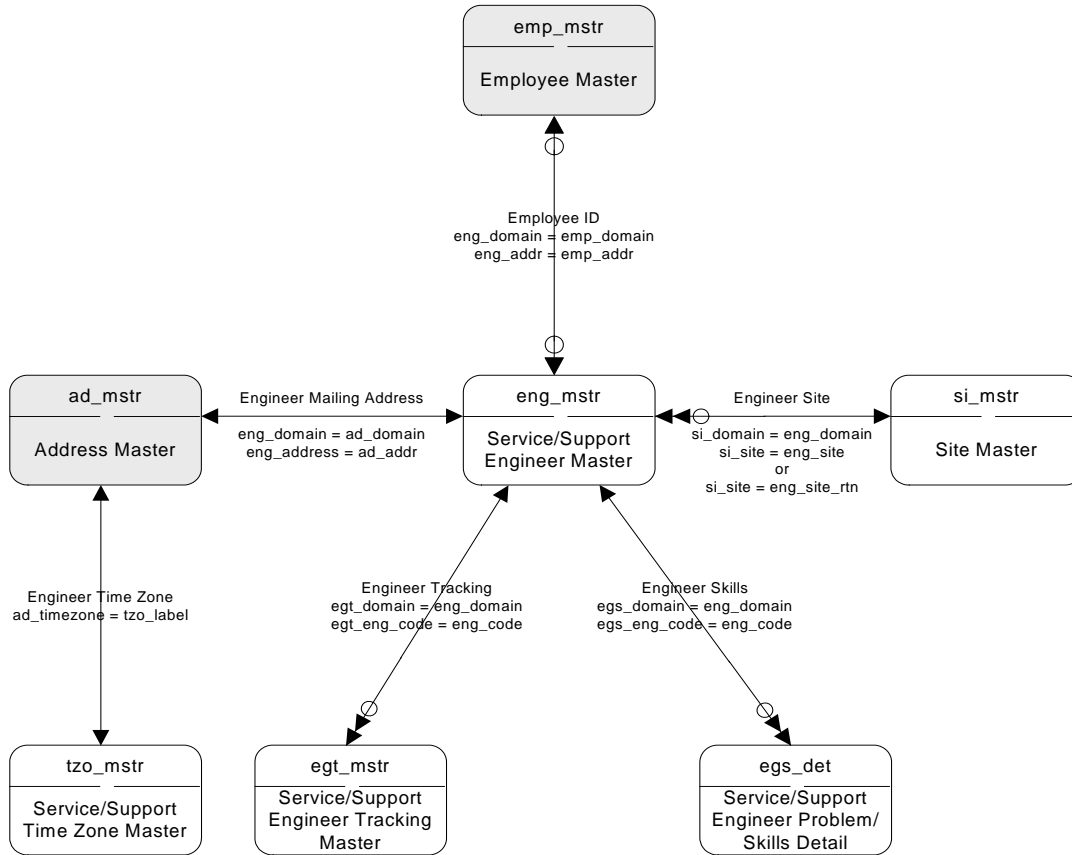
## SSM – Depot Orders



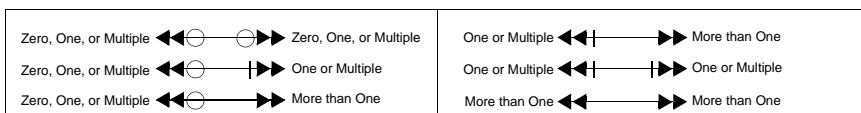
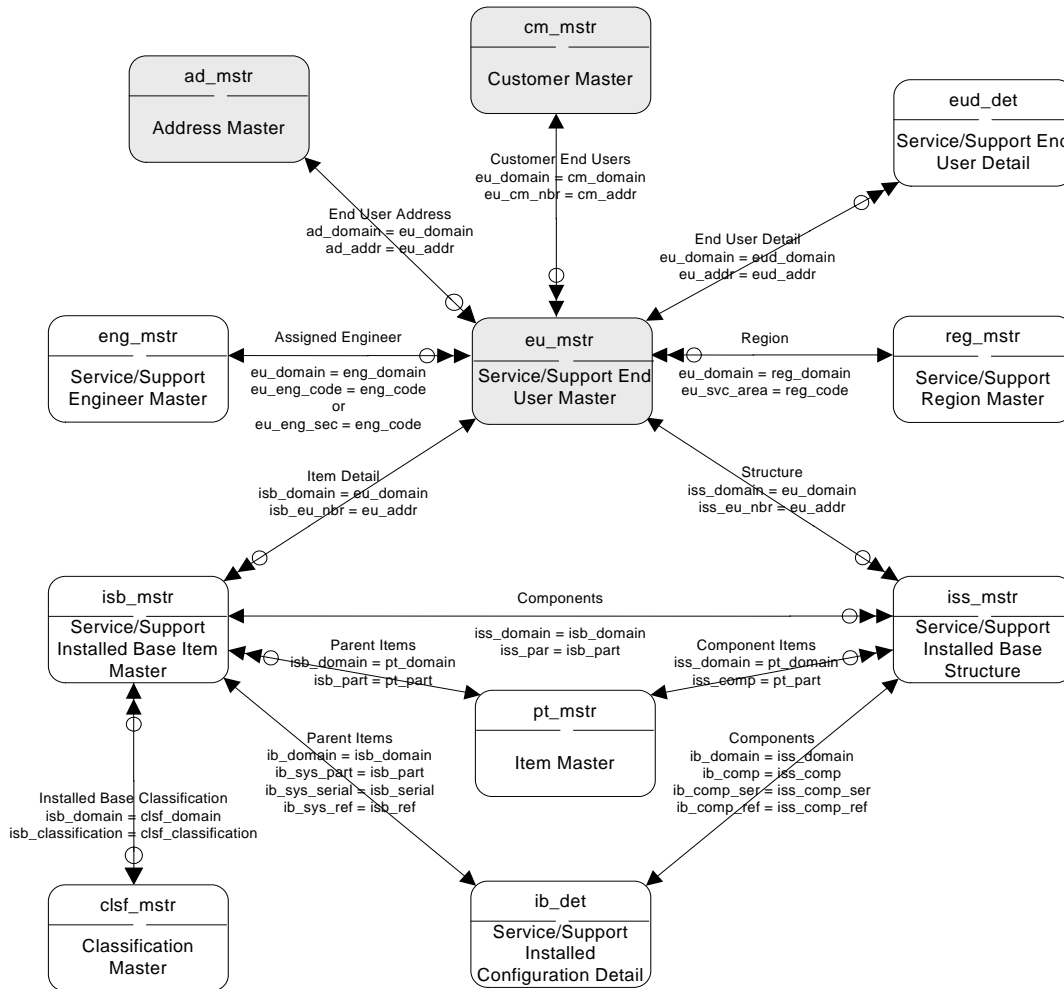
# SSM – Engineers I



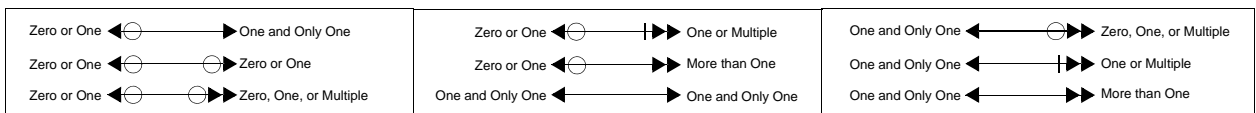
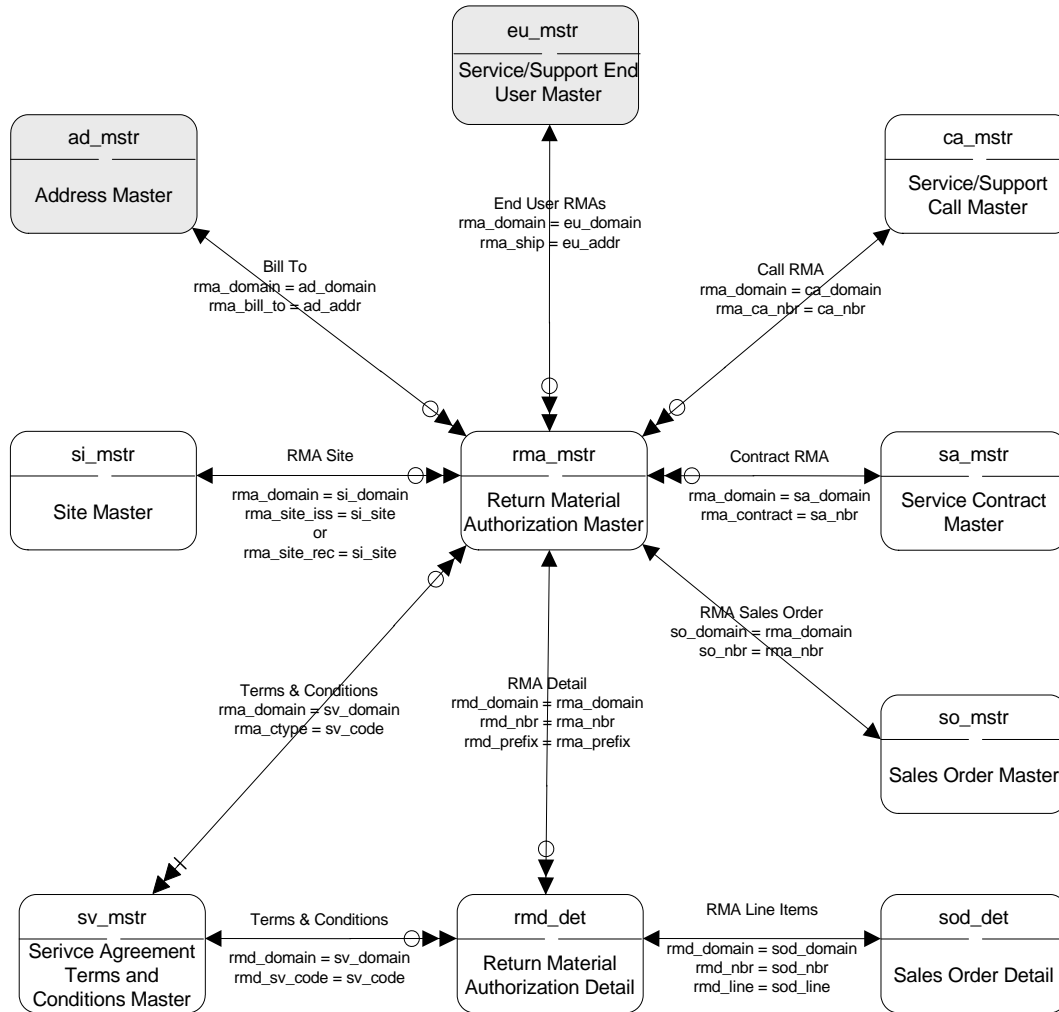
## SSM – Engineers II



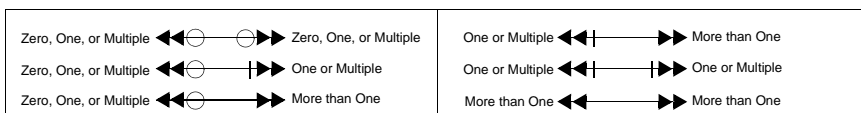
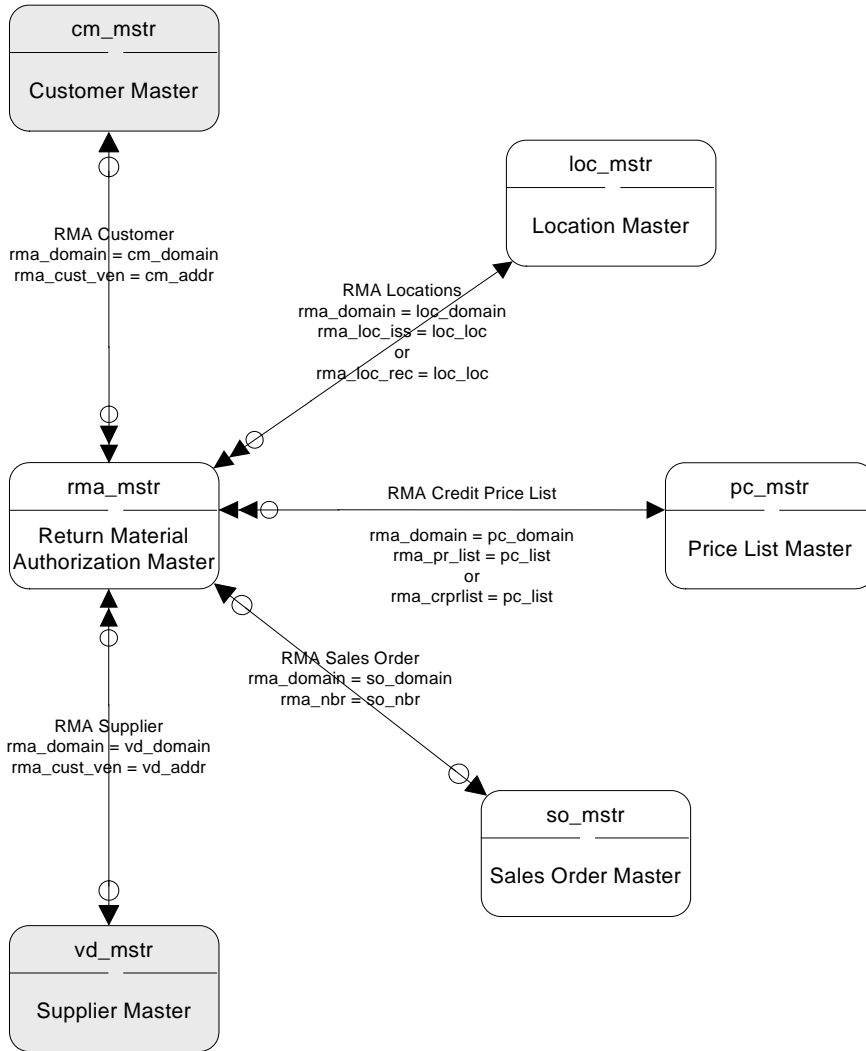
# SSM – Installed Base



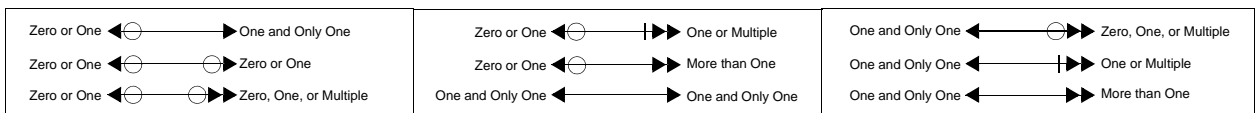
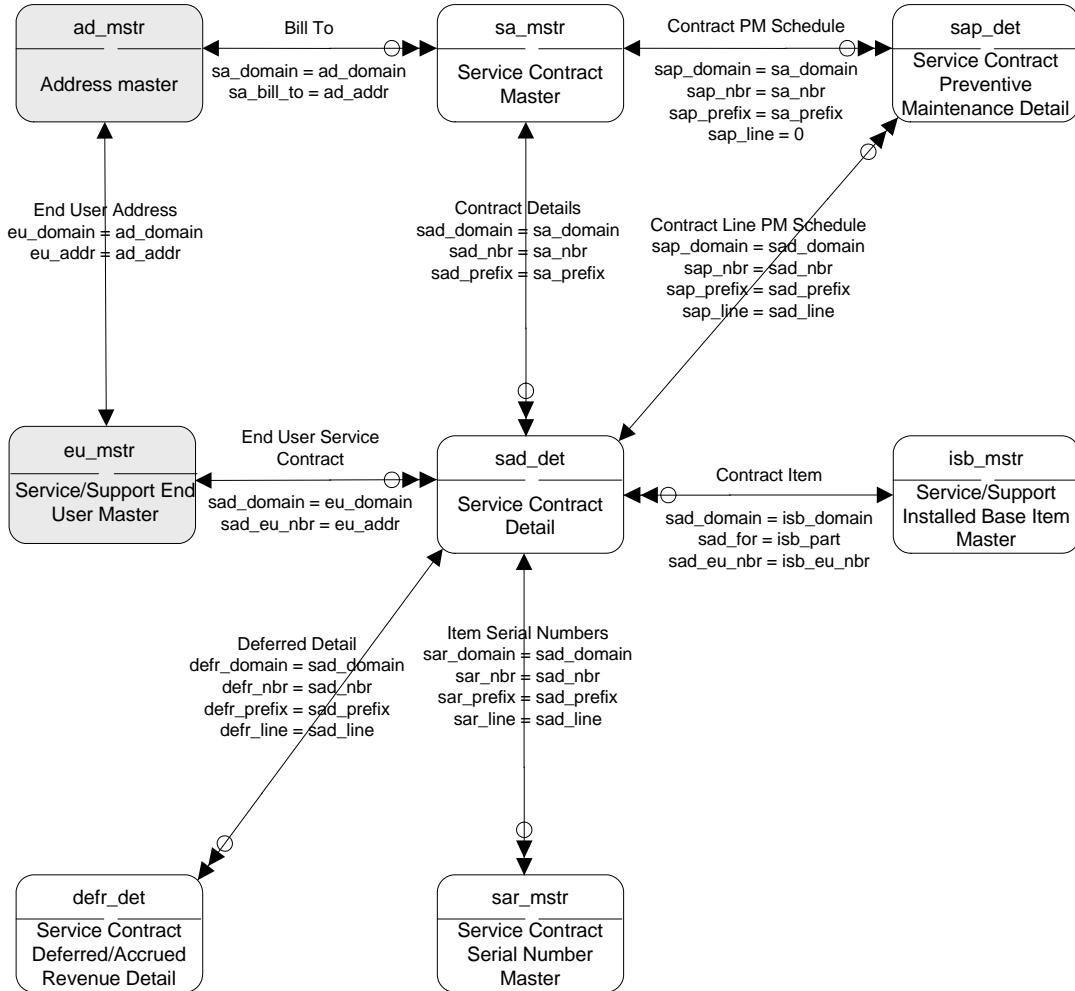
## SSM – RMA I



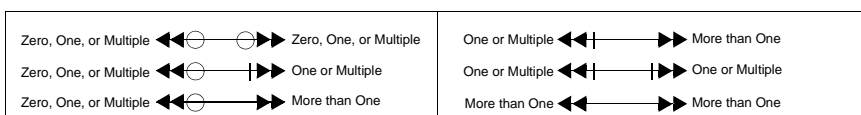
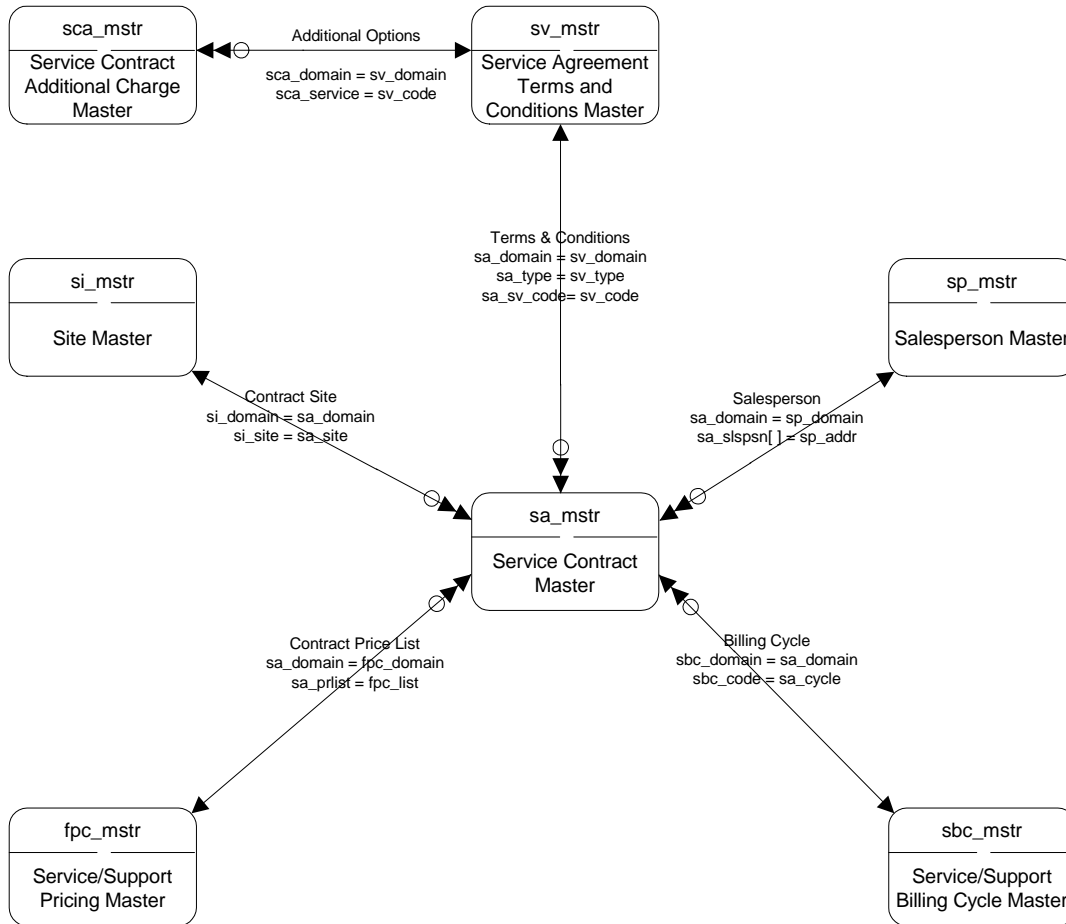
# SSM – RMA II



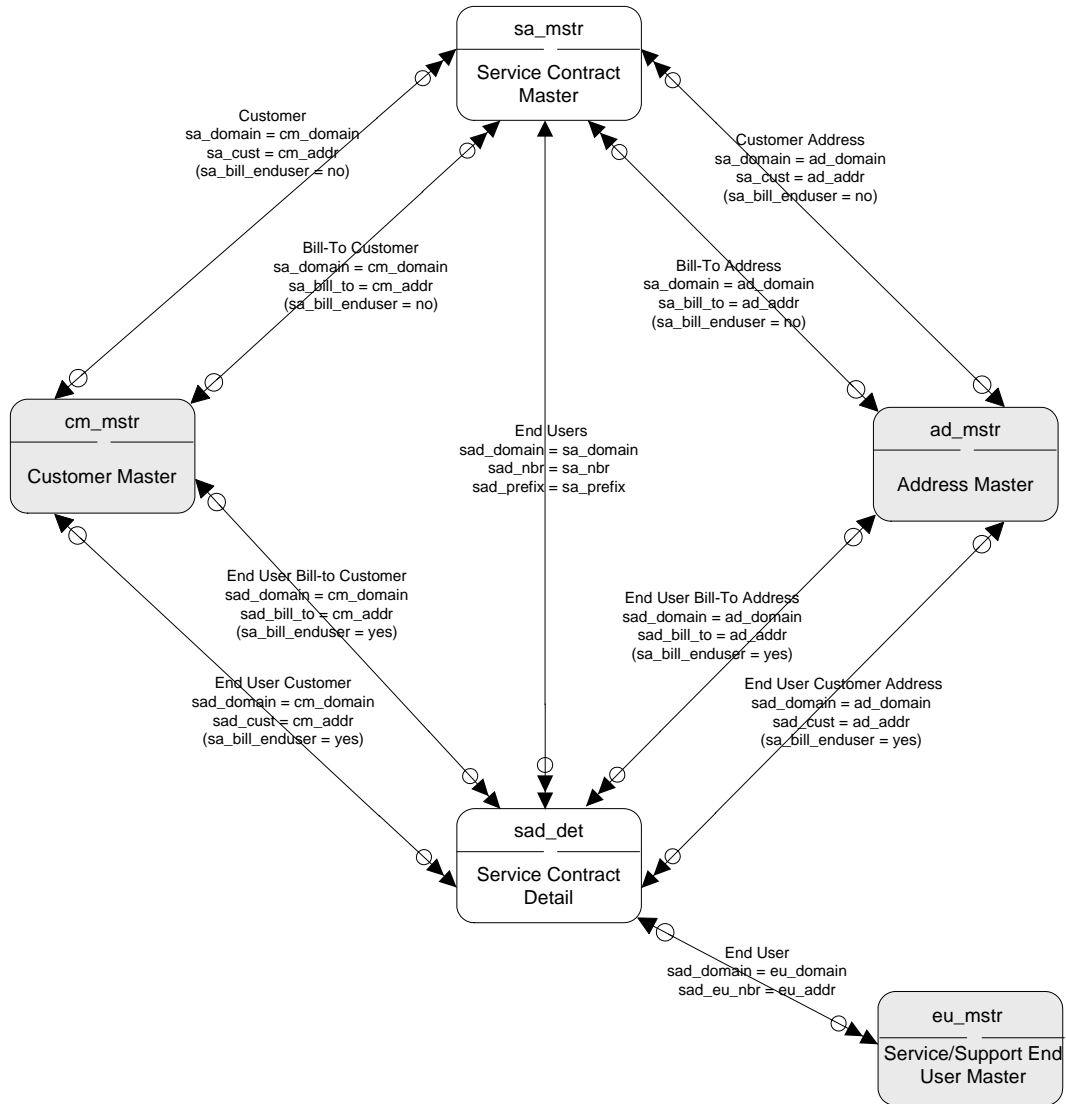
## SSM – Service Contracts I



## SSM – Service Contracts II

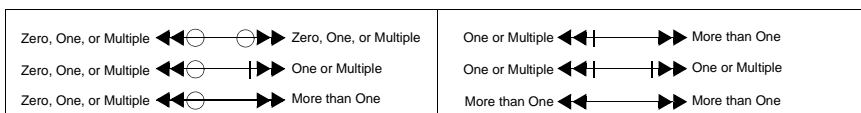
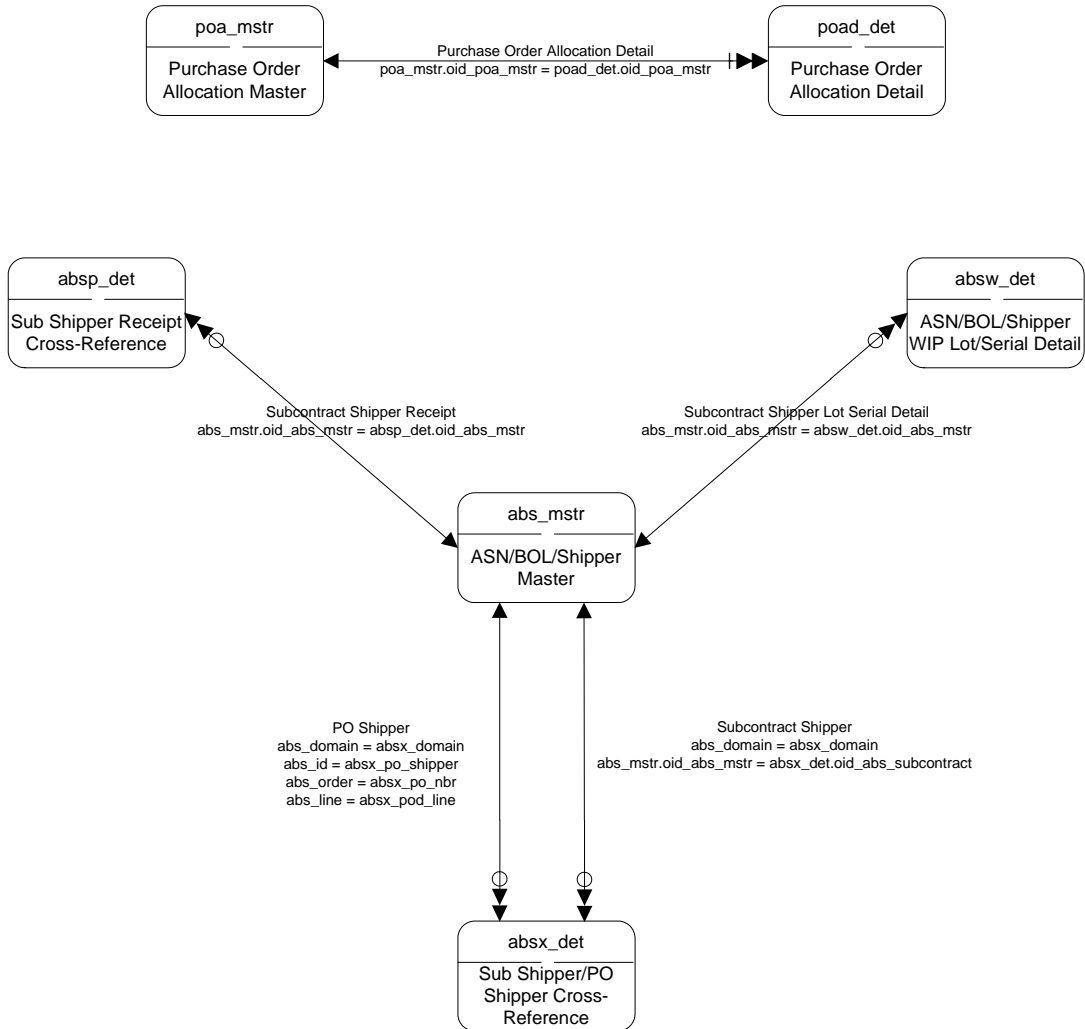


## SSM – Service Contracts III

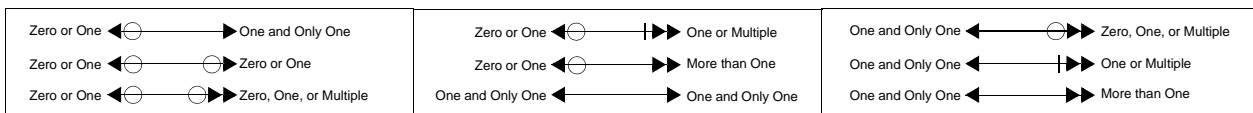
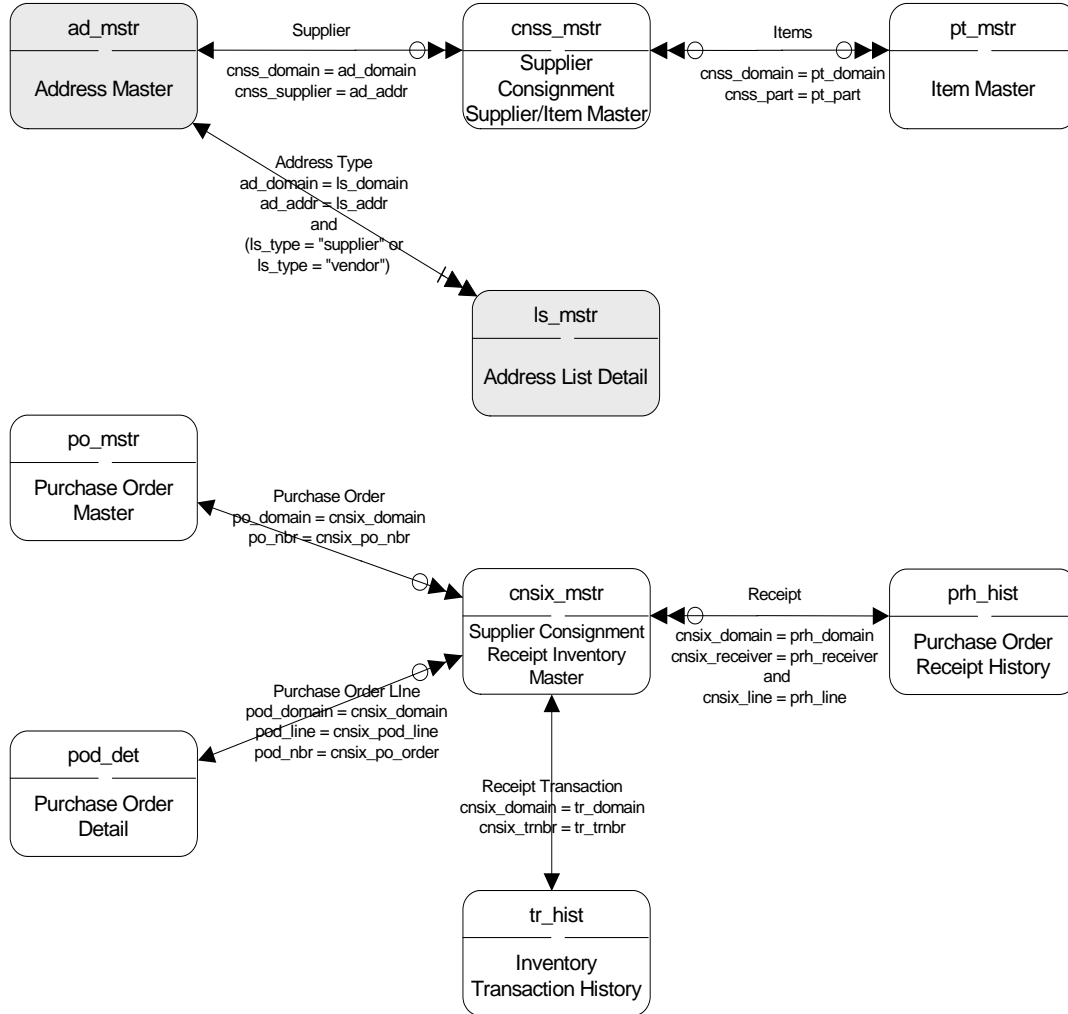


|  |  |  |
|--|--|--|
| Zero or One $\leftarrow \ominus \longrightarrow$ One and Only One                                      | Zero or One $\leftarrow \ominus \dashv \longrightarrow$ One or Multiple              | One and Only One $\leftarrow \ominus \dashv \longrightarrow$ Zero, One, or Multiple      |
| Zero or One $\leftarrow \ominus \longrightarrow \ominus$ Zero or One                                   | Zero or One $\leftarrow \ominus \dashv \longrightarrow$ More than One                | One and Only One $\leftarrow \ominus \dashv \dashv \longrightarrow$ One or Multiple      |
| Zero or One $\leftarrow \ominus \longrightarrow \ominus \dashv \longrightarrow$ Zero, One, or Multiple | One and Only One $\leftarrow \ominus \dashv \dashv \longrightarrow$ One and Only One | One and Only One $\leftarrow \ominus \dashv \dashv \dashv \longrightarrow$ More than One |

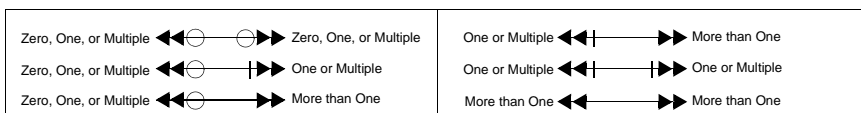
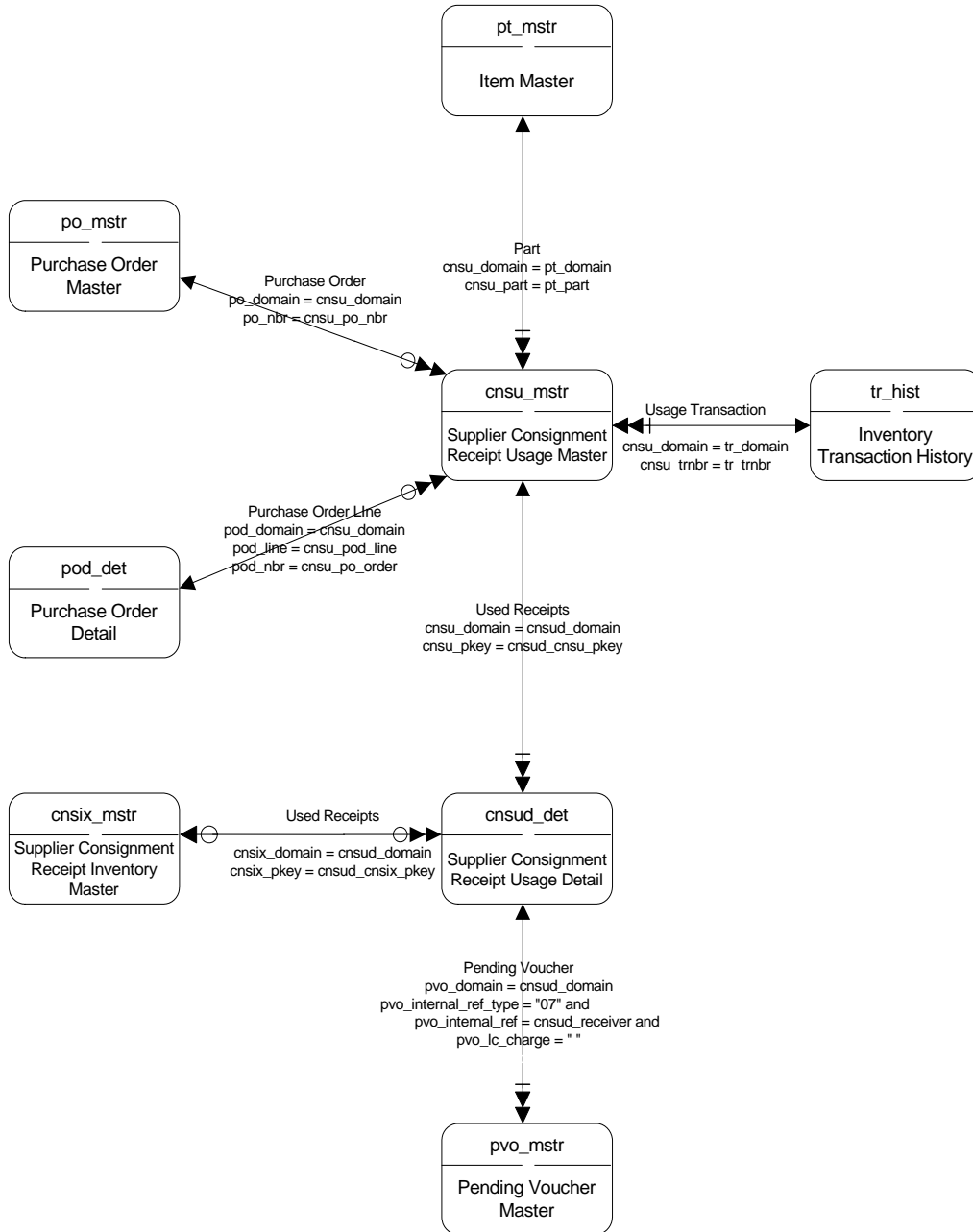
# Subcontract Shipping



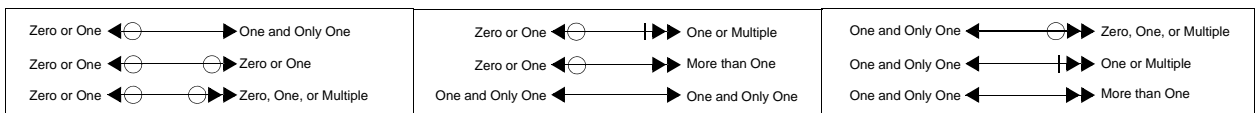
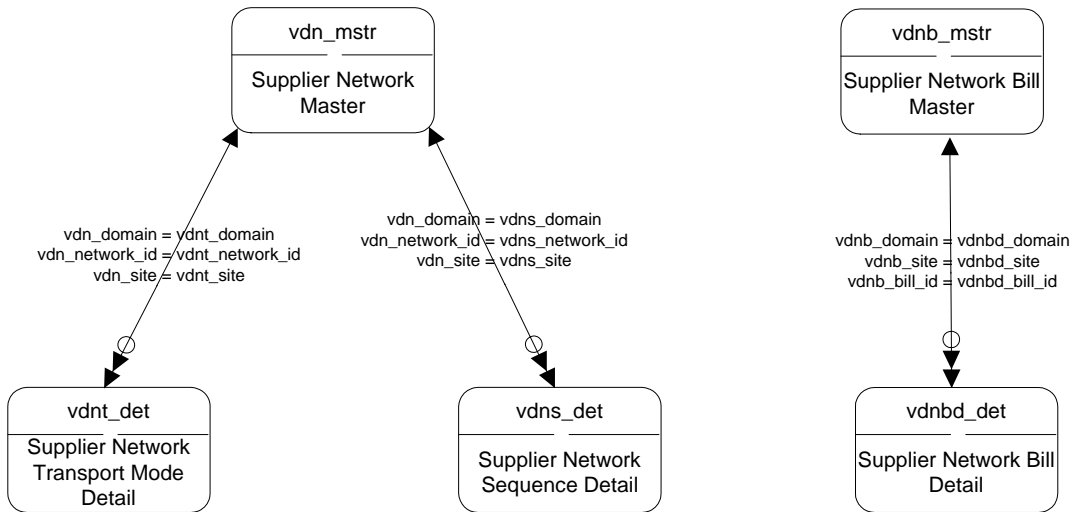
# Supplier Consignment I



# Supplier Consignment II

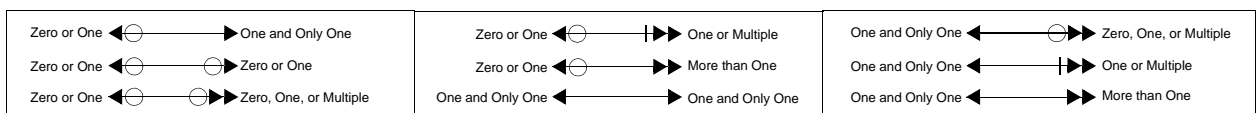
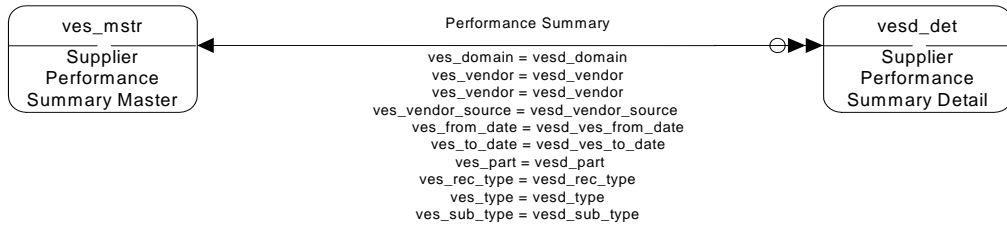


## Supplier Network and Network Bill

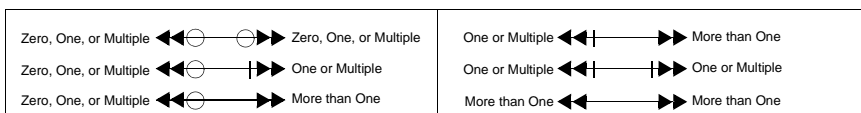
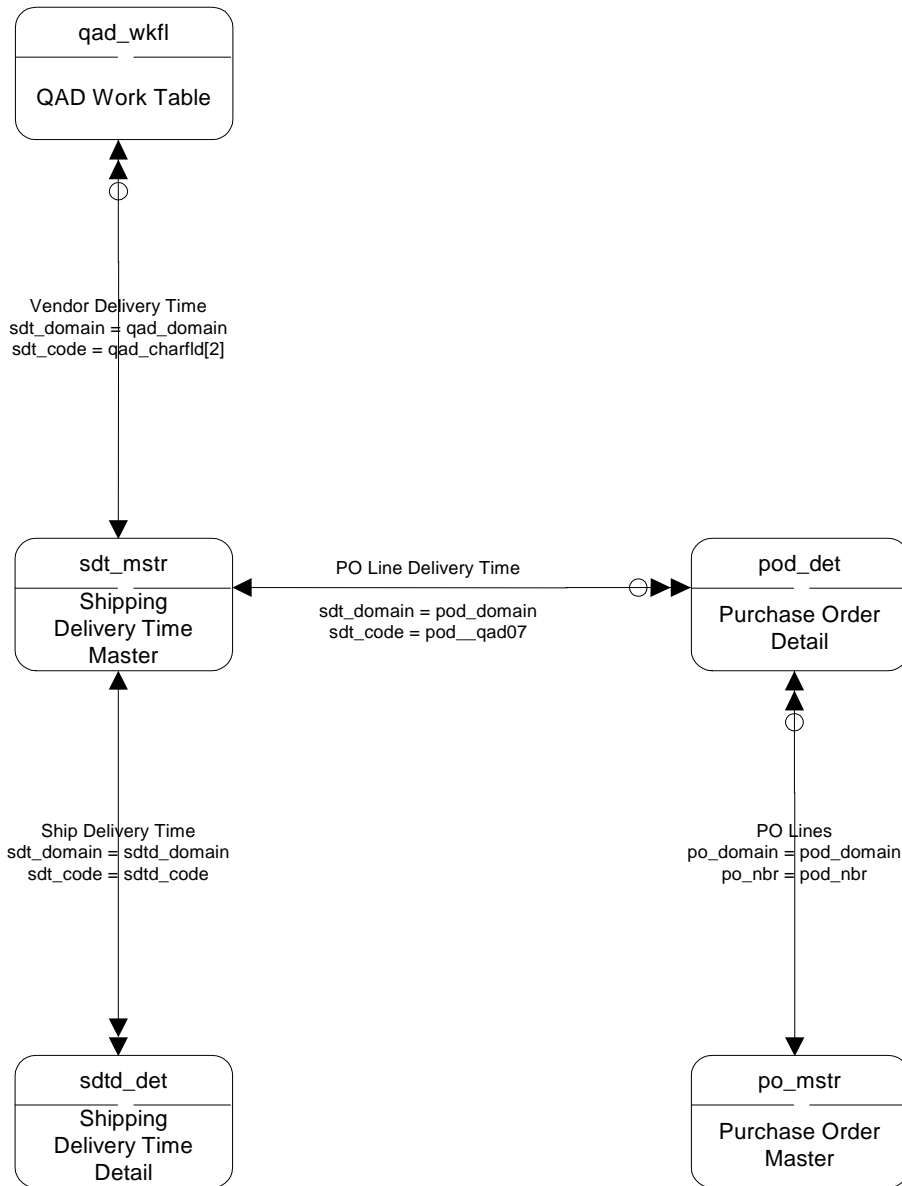




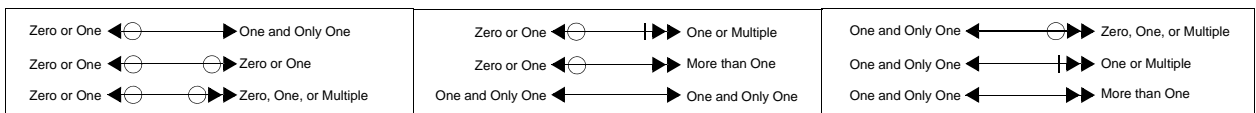
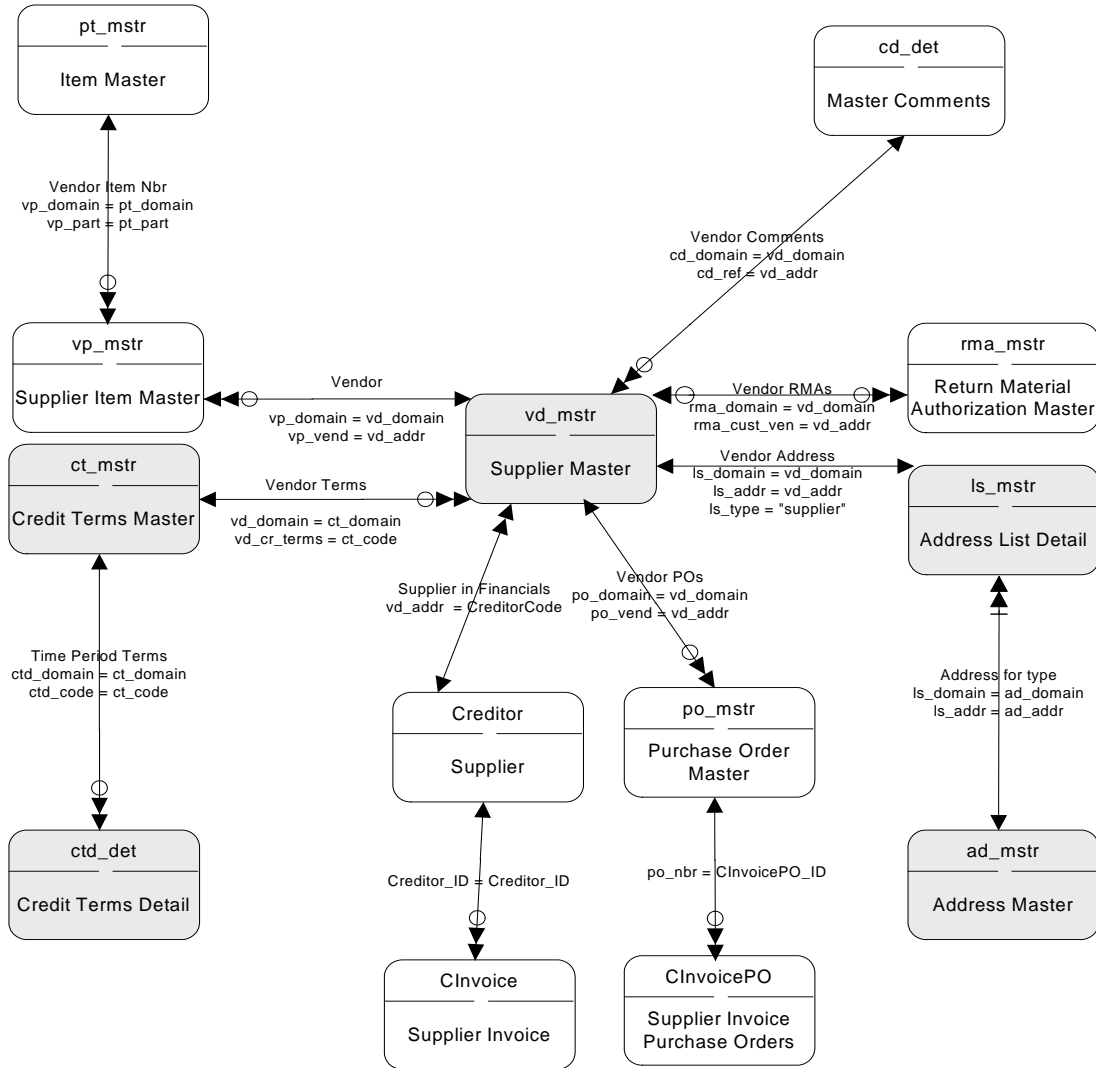
## Supplier Performance II



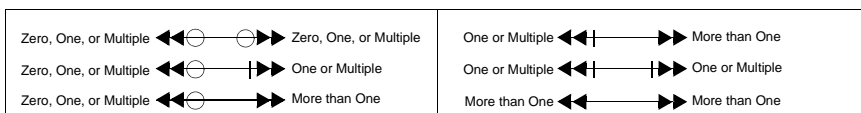
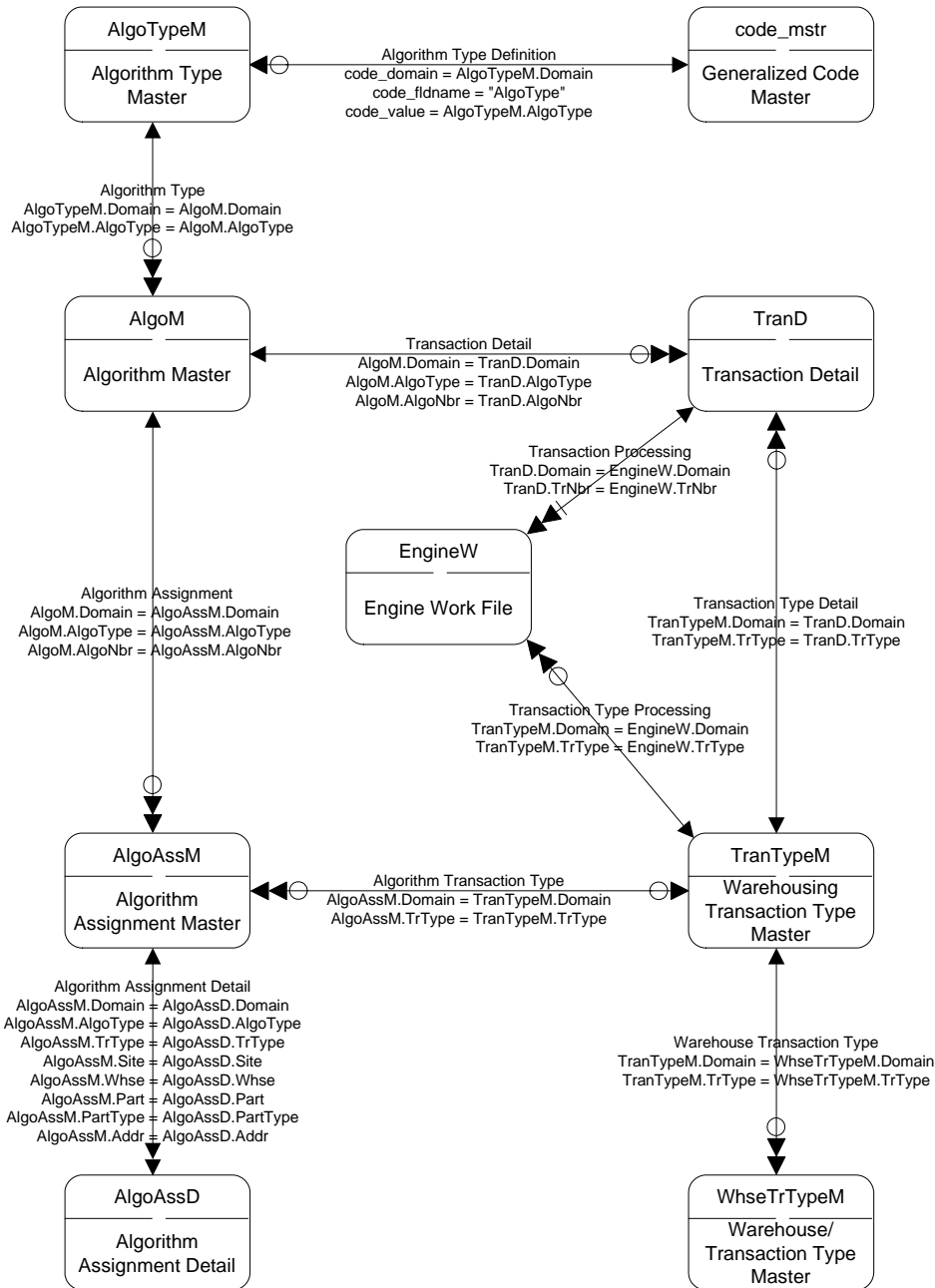
# Supplier Shipping Schedules



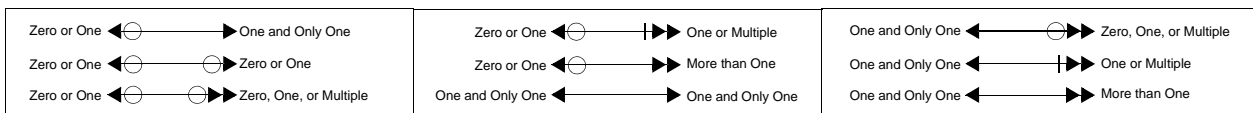
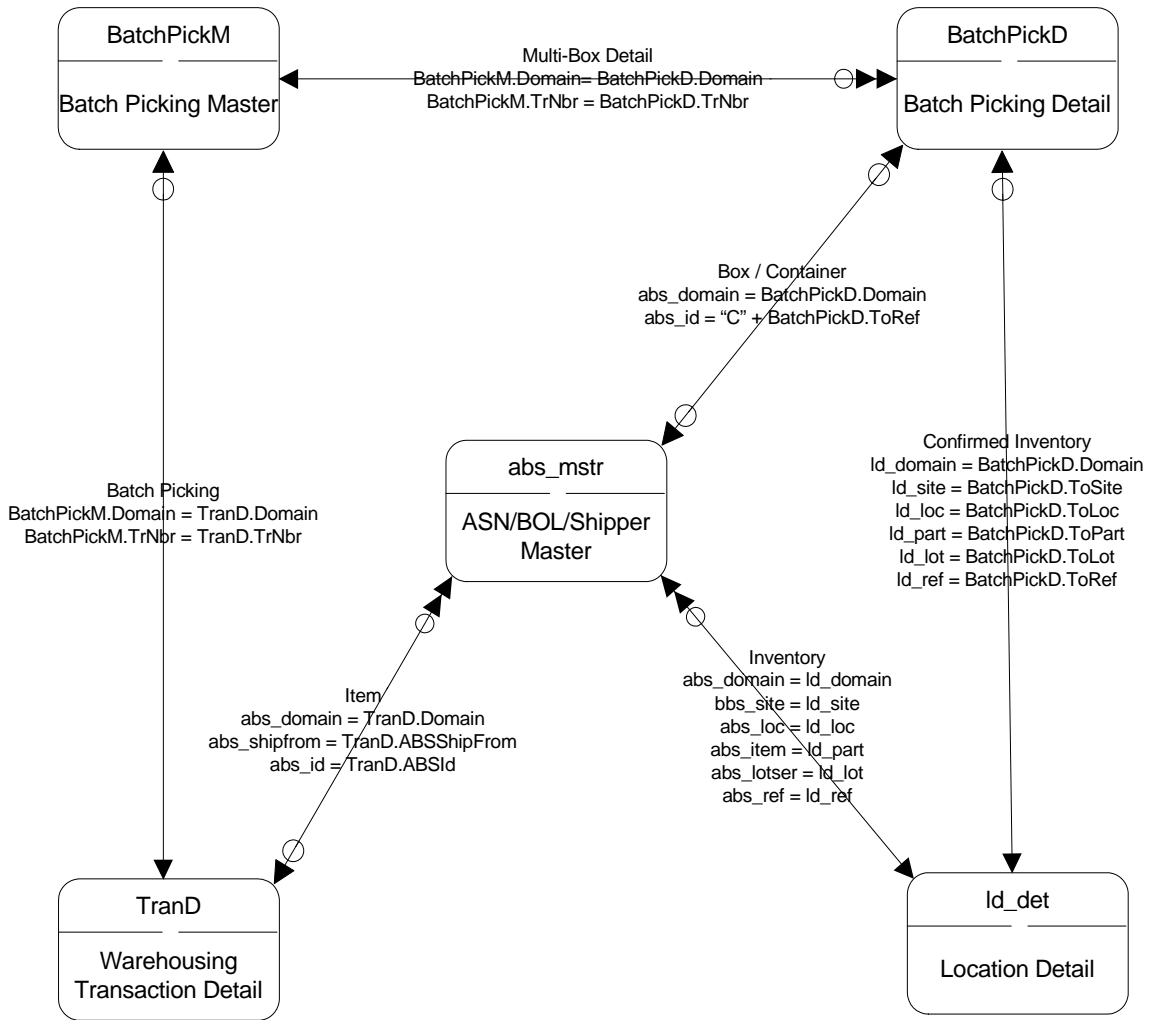
## Vendors (Suppliers)



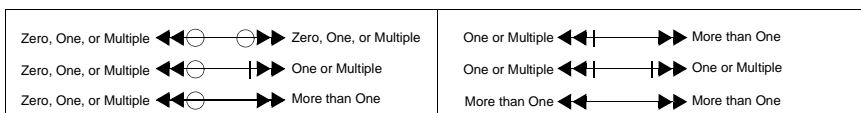
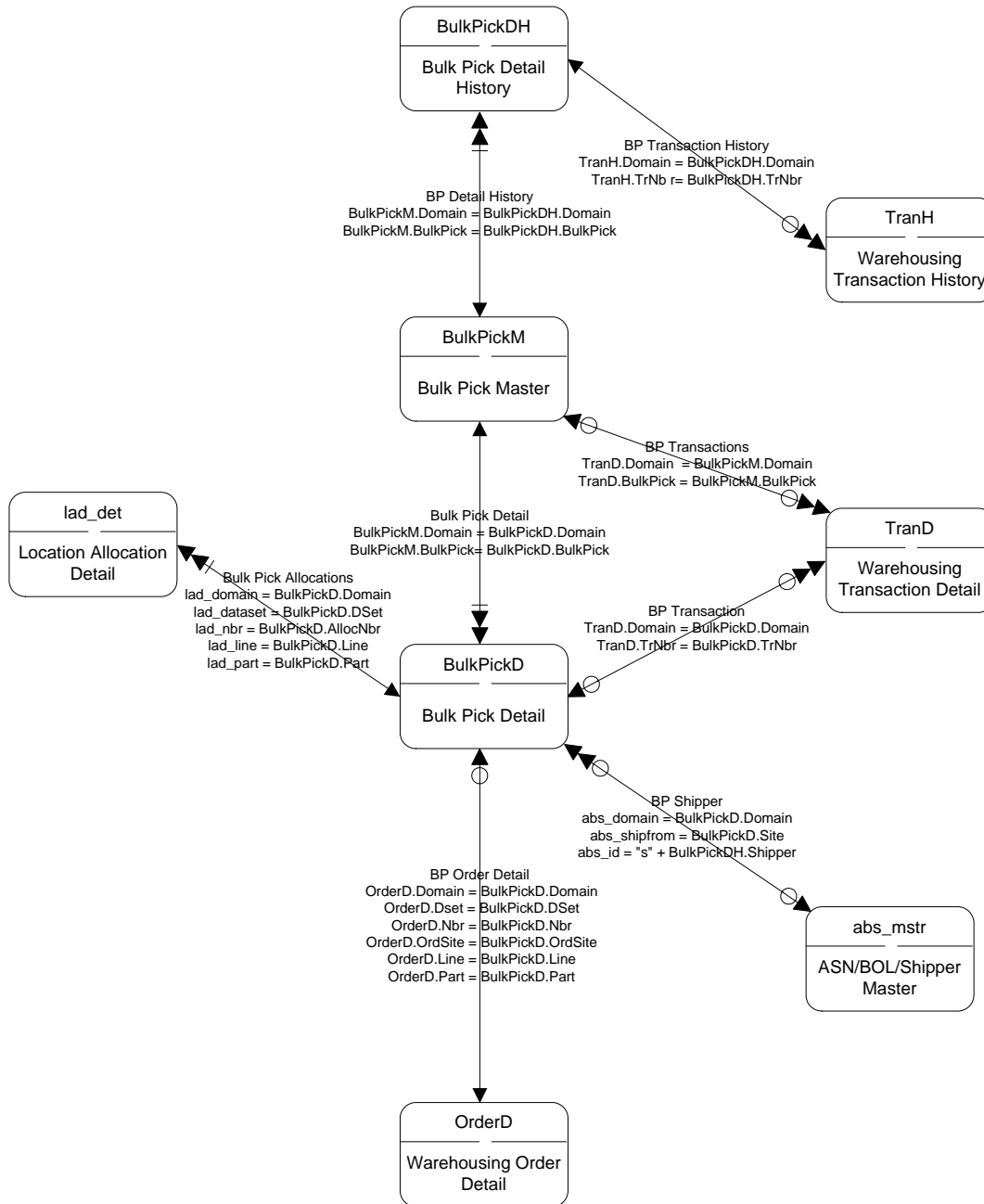
# Warehouse – Algorithms and Engine Processing



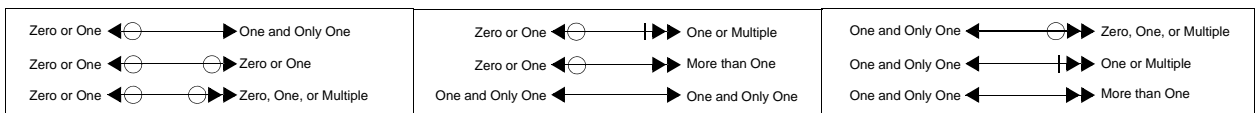
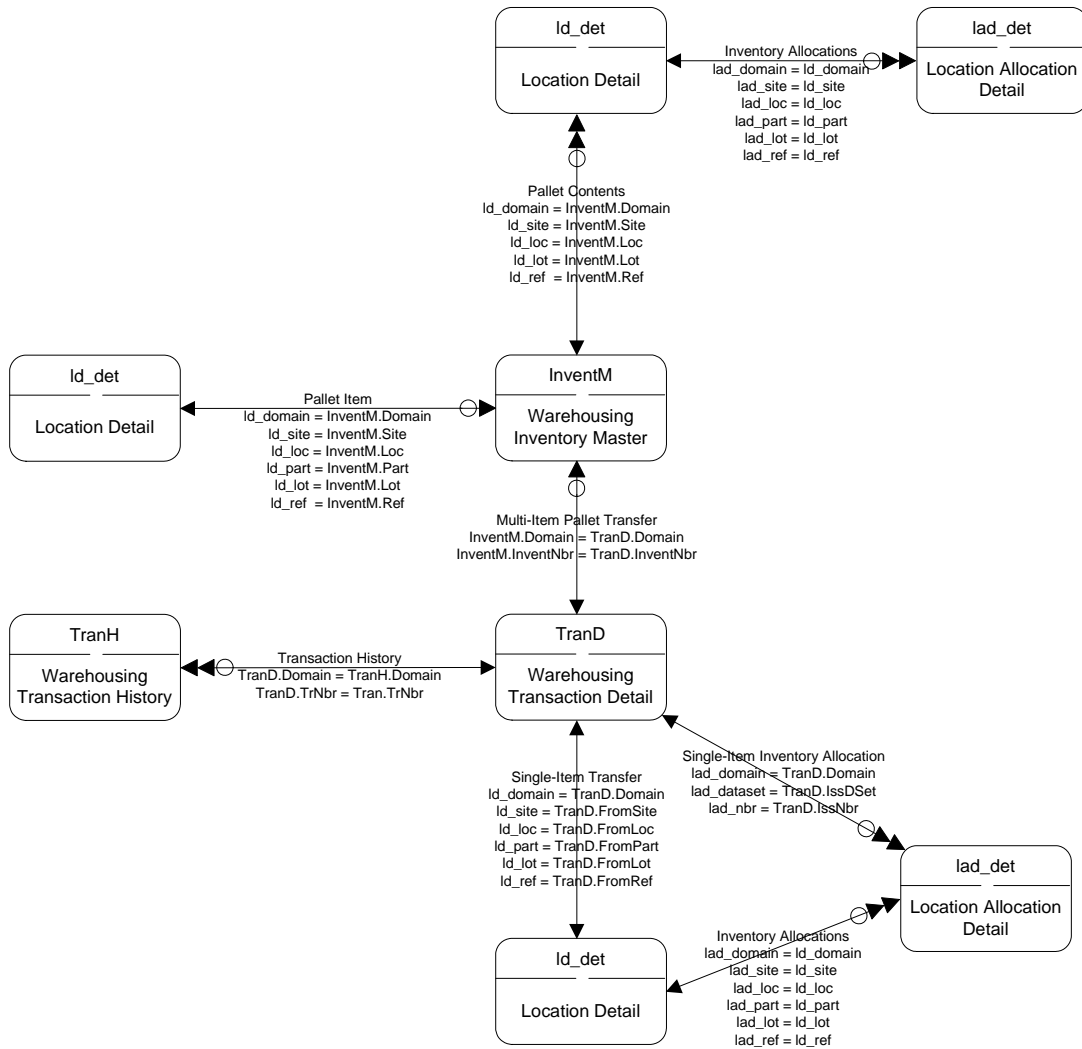
## Warehouse – Batch Picking



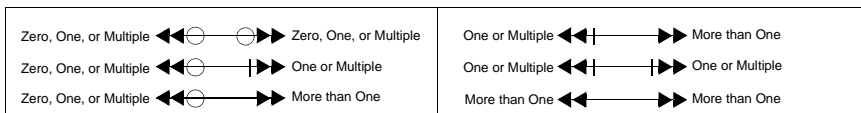
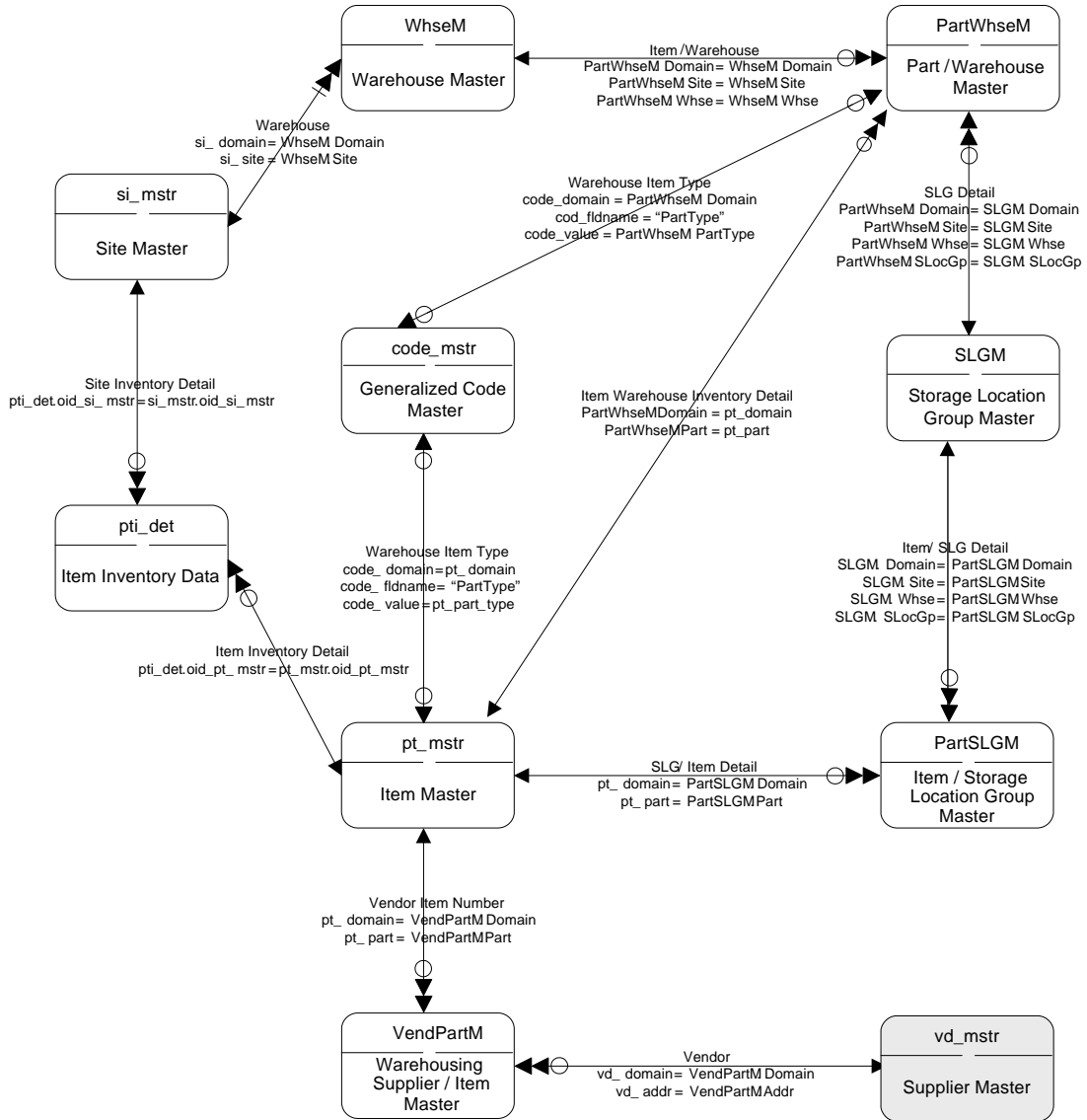
# Warehouse – Bulk Picking



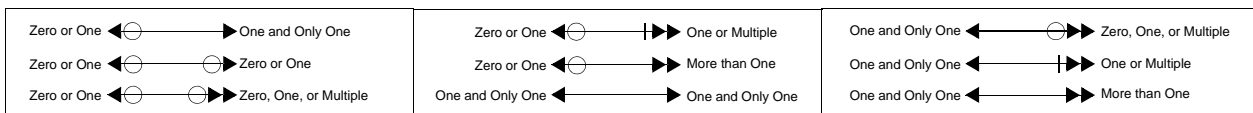
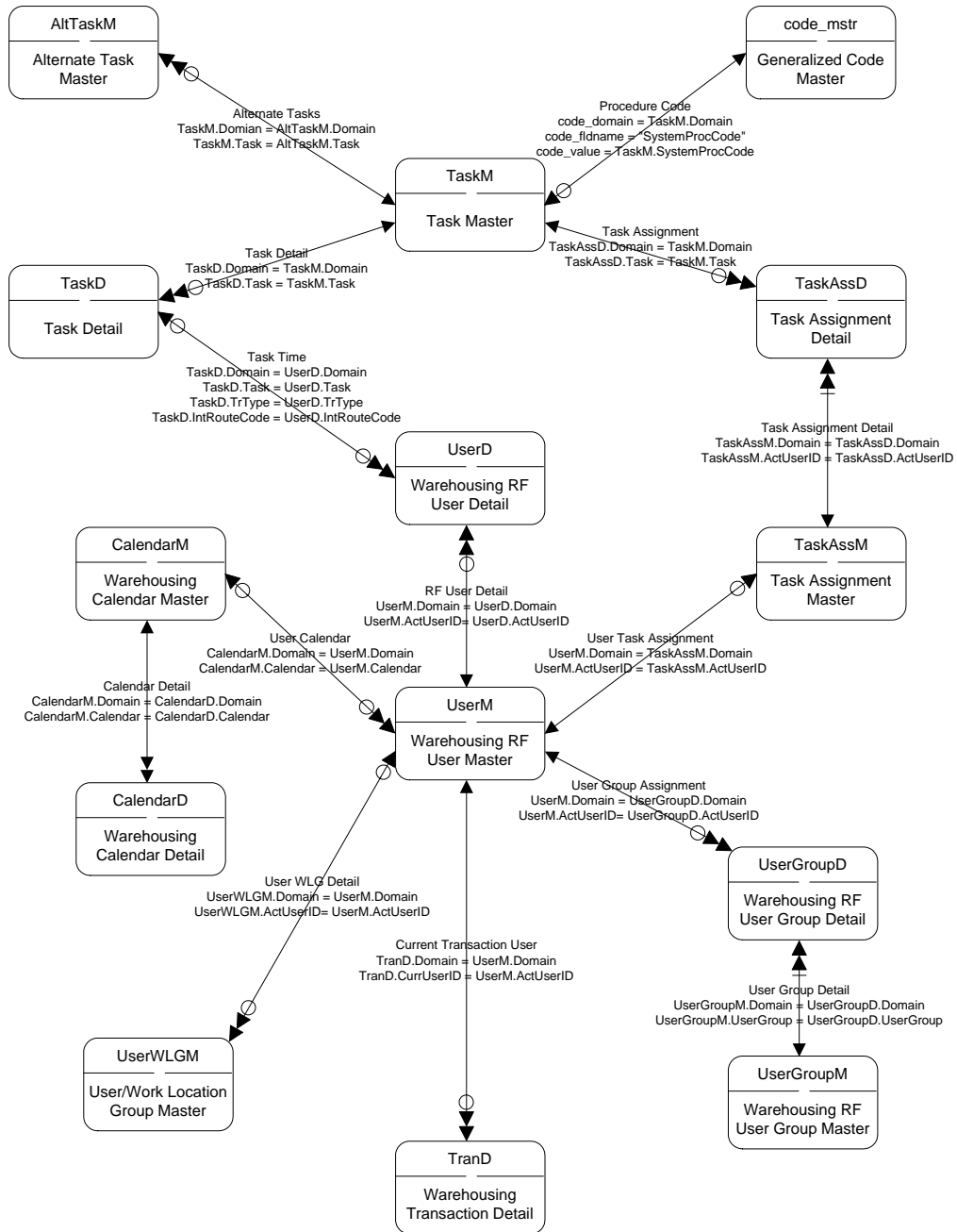
## Warehouse – Inventory Transactions



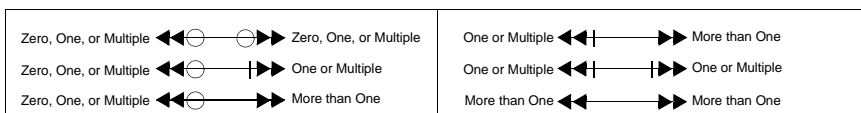
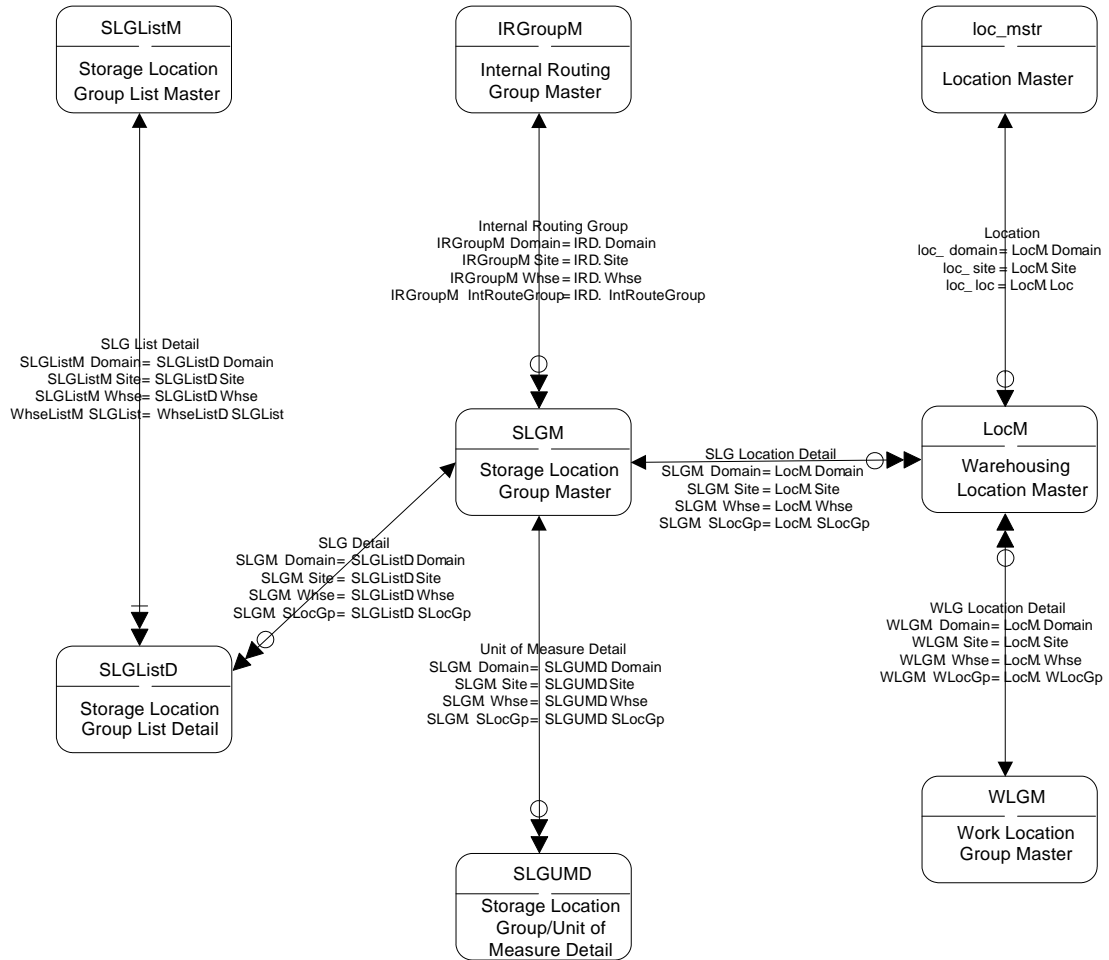
# Warehouse – Items



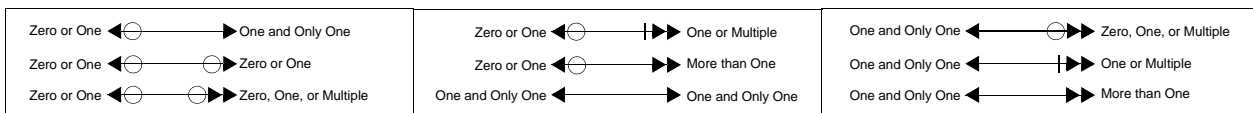
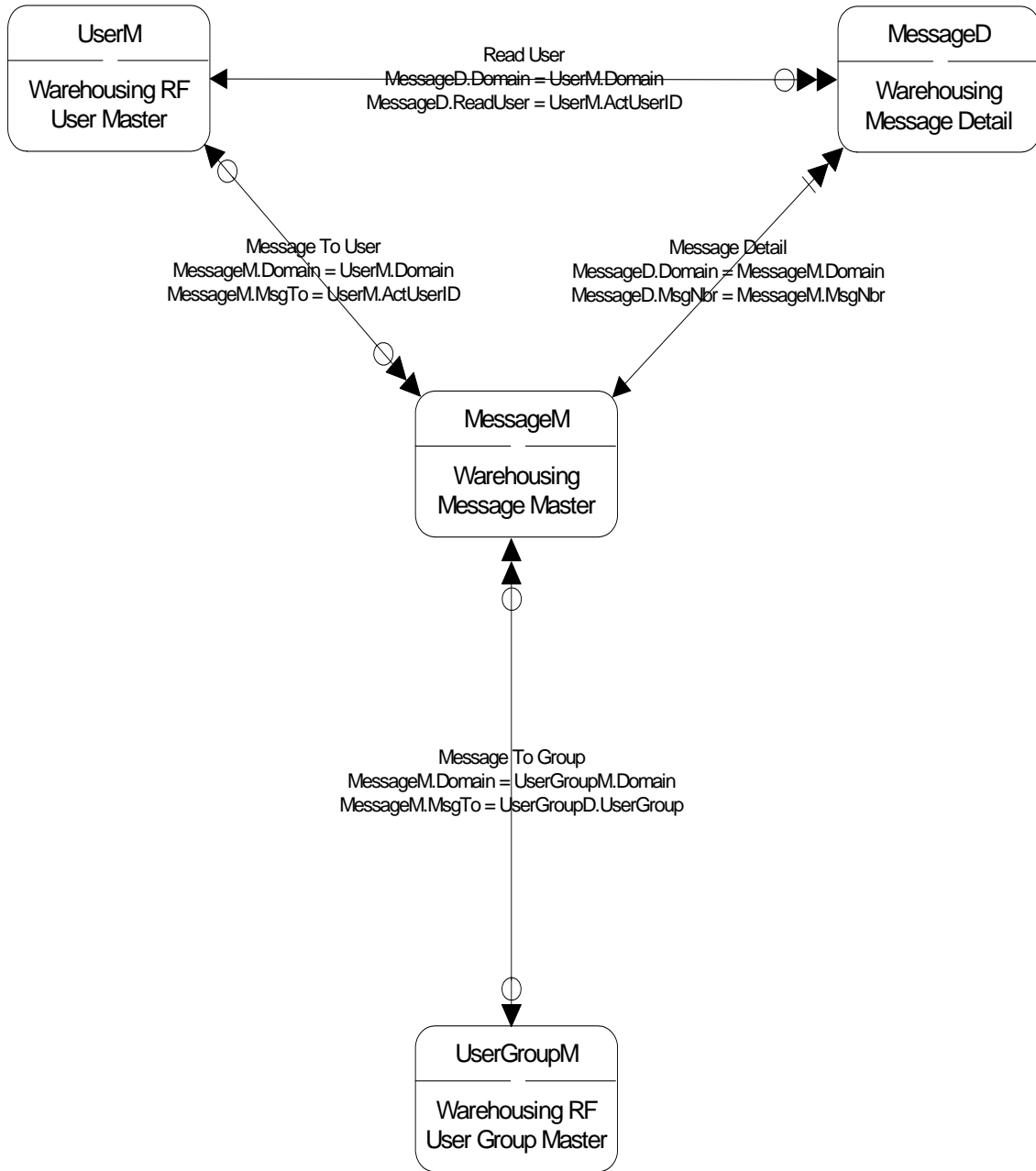
## Warehouse – Labor



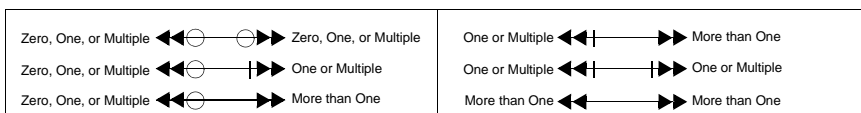
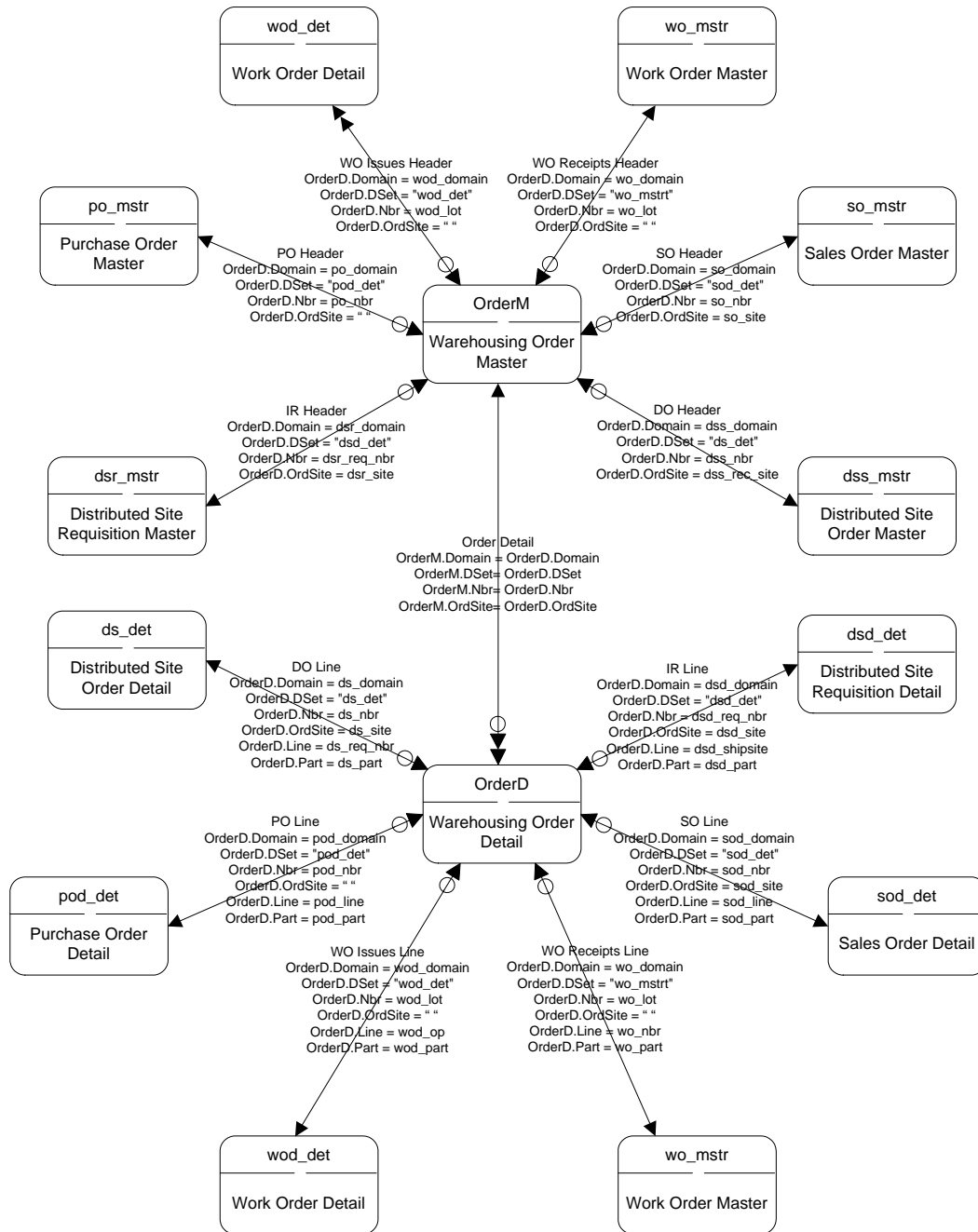
# Warehouse – Locations



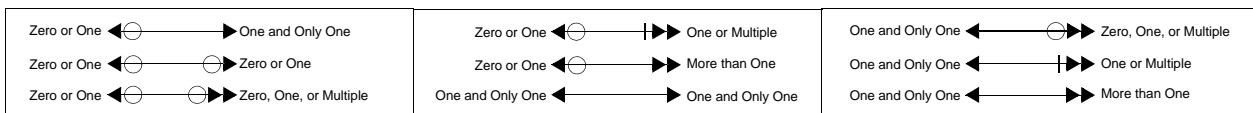
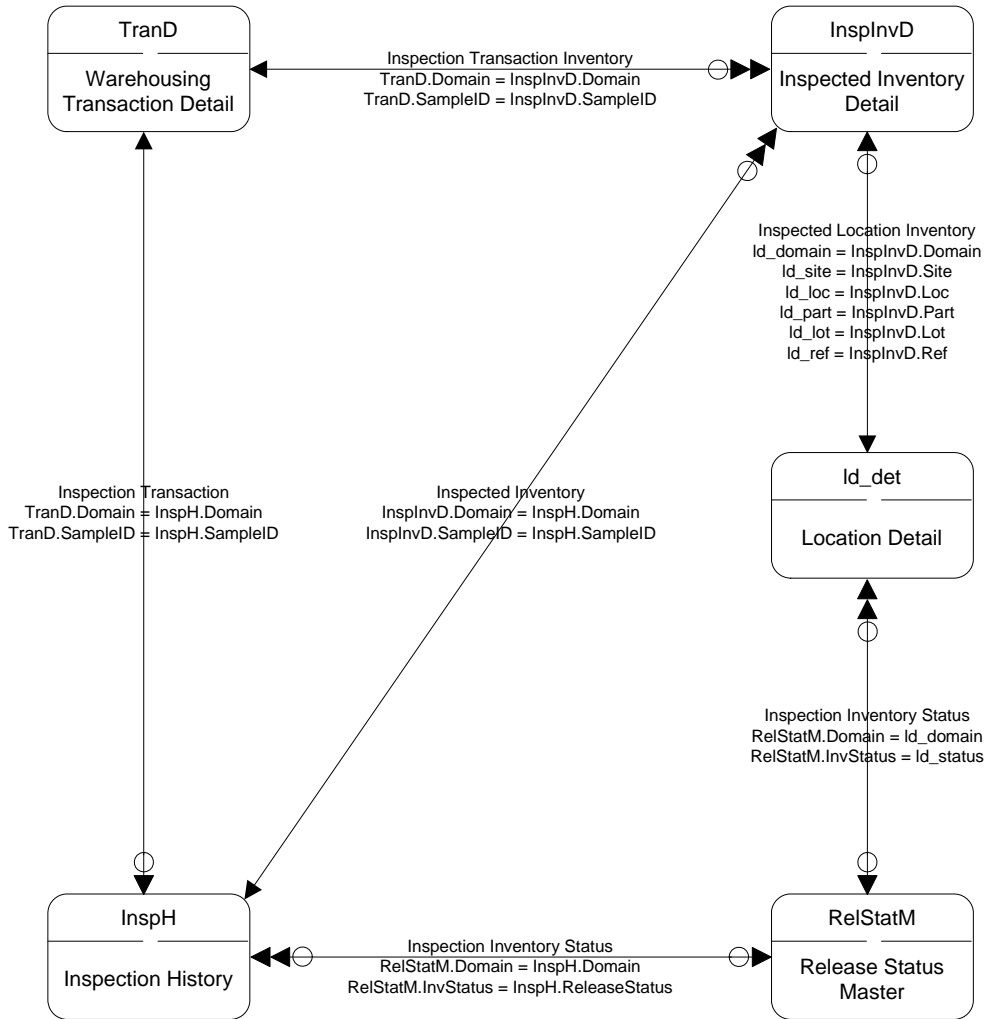
## Warehouse – Messaging



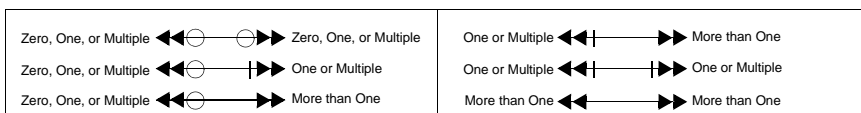
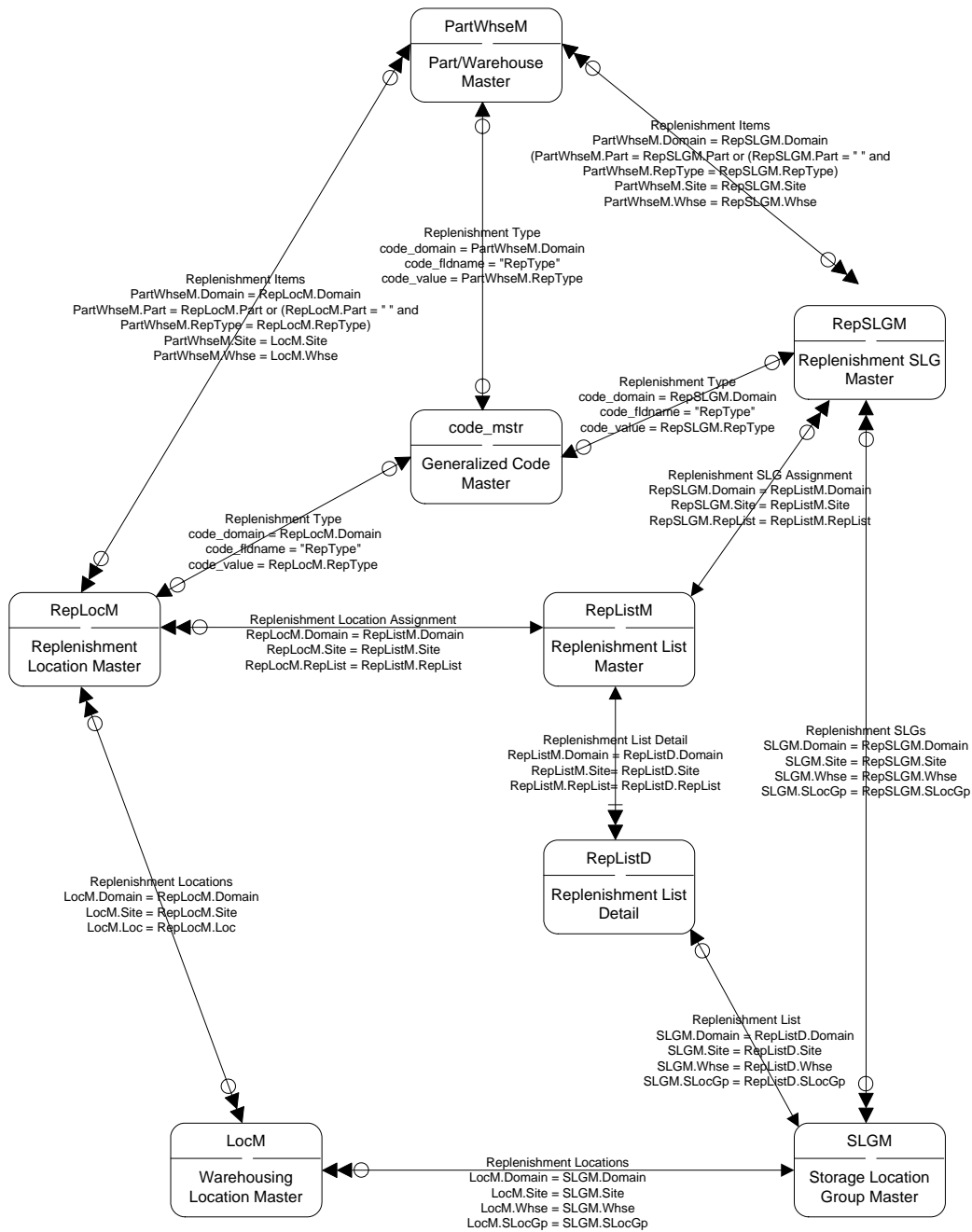
# Warehouse – Orders



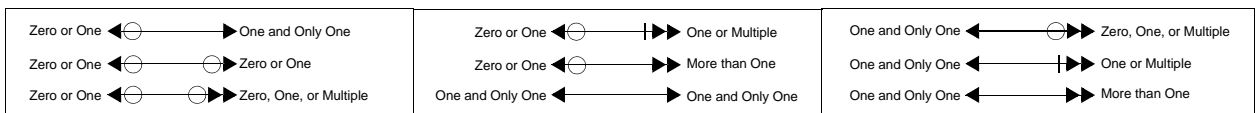
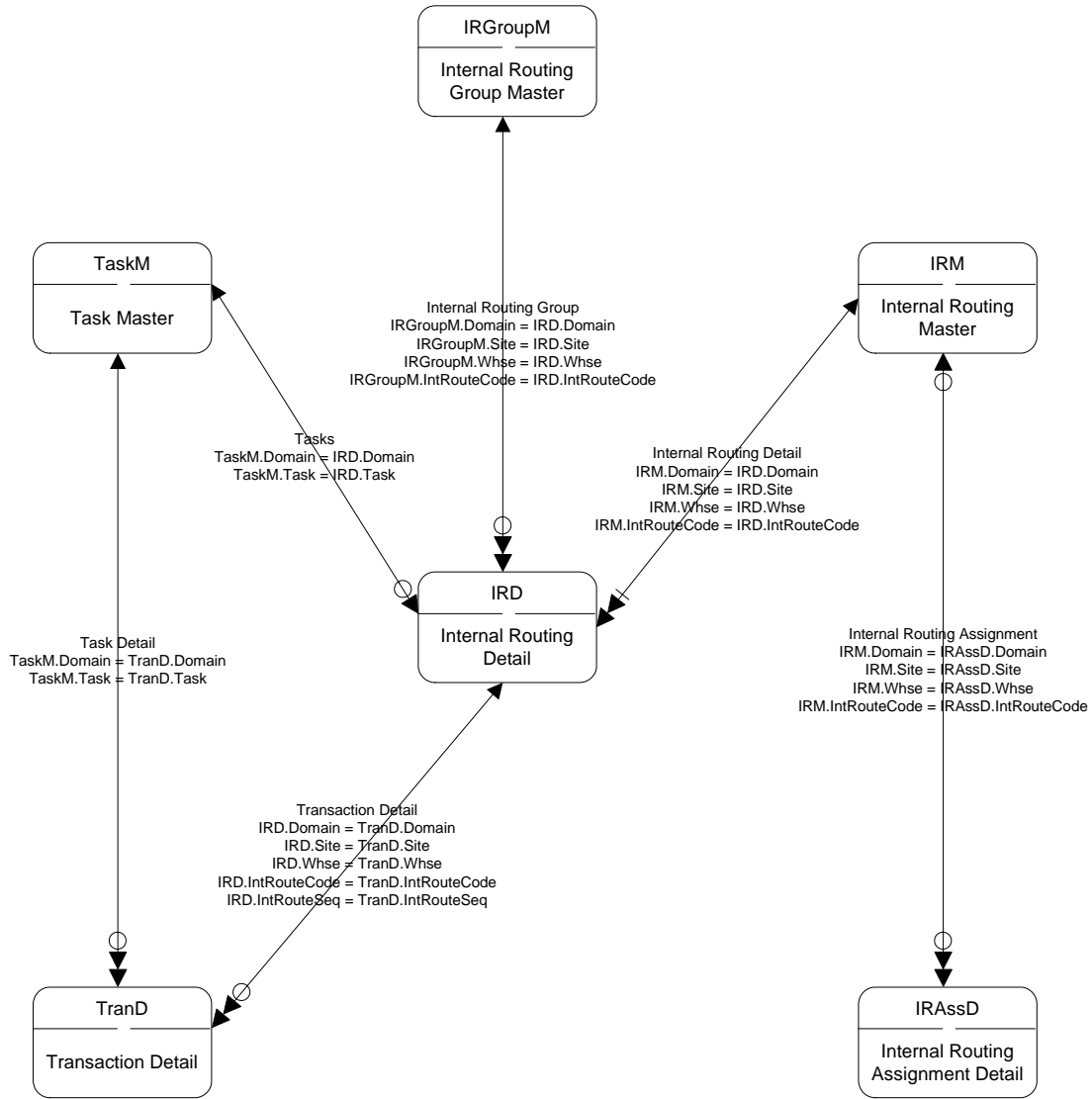
## Warehouse – Quality Inspection



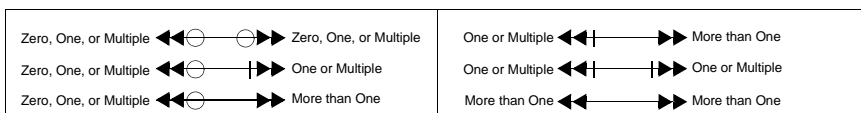
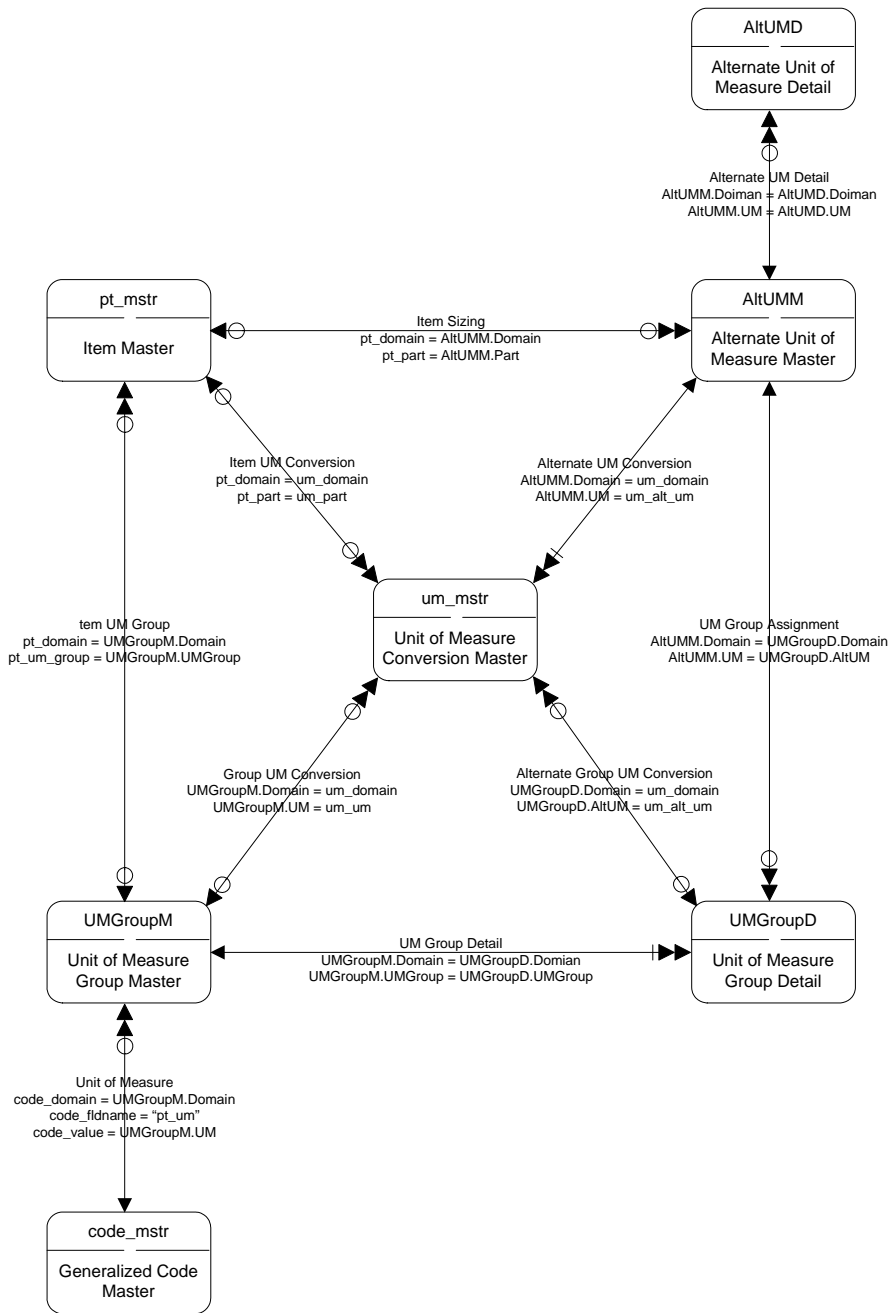
# Warehouse – Replenishment



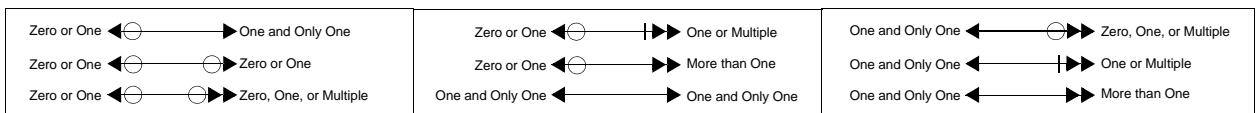
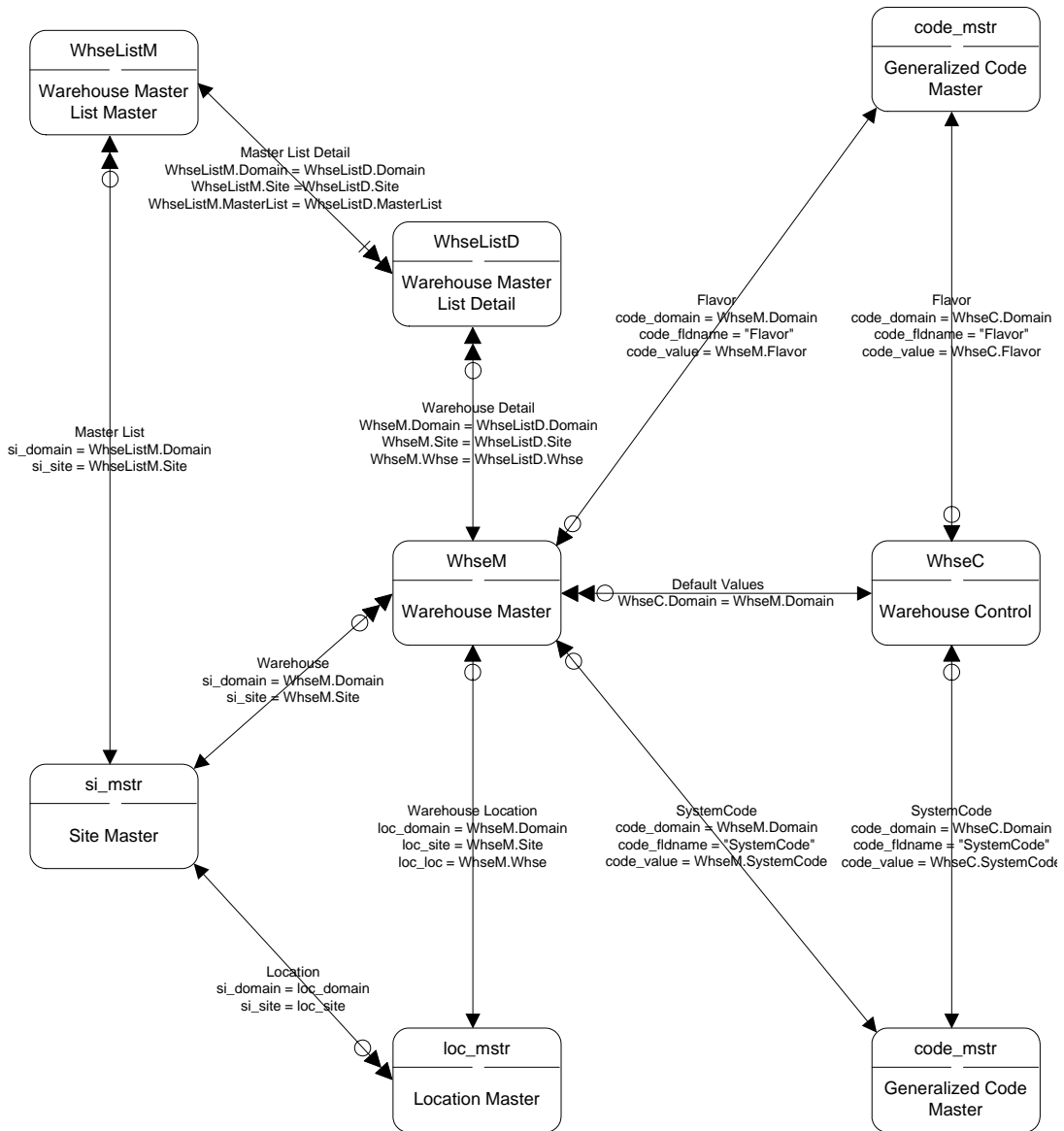
## Warehouse – Routings



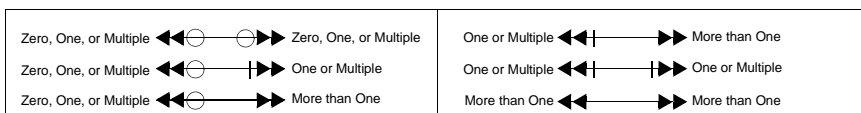
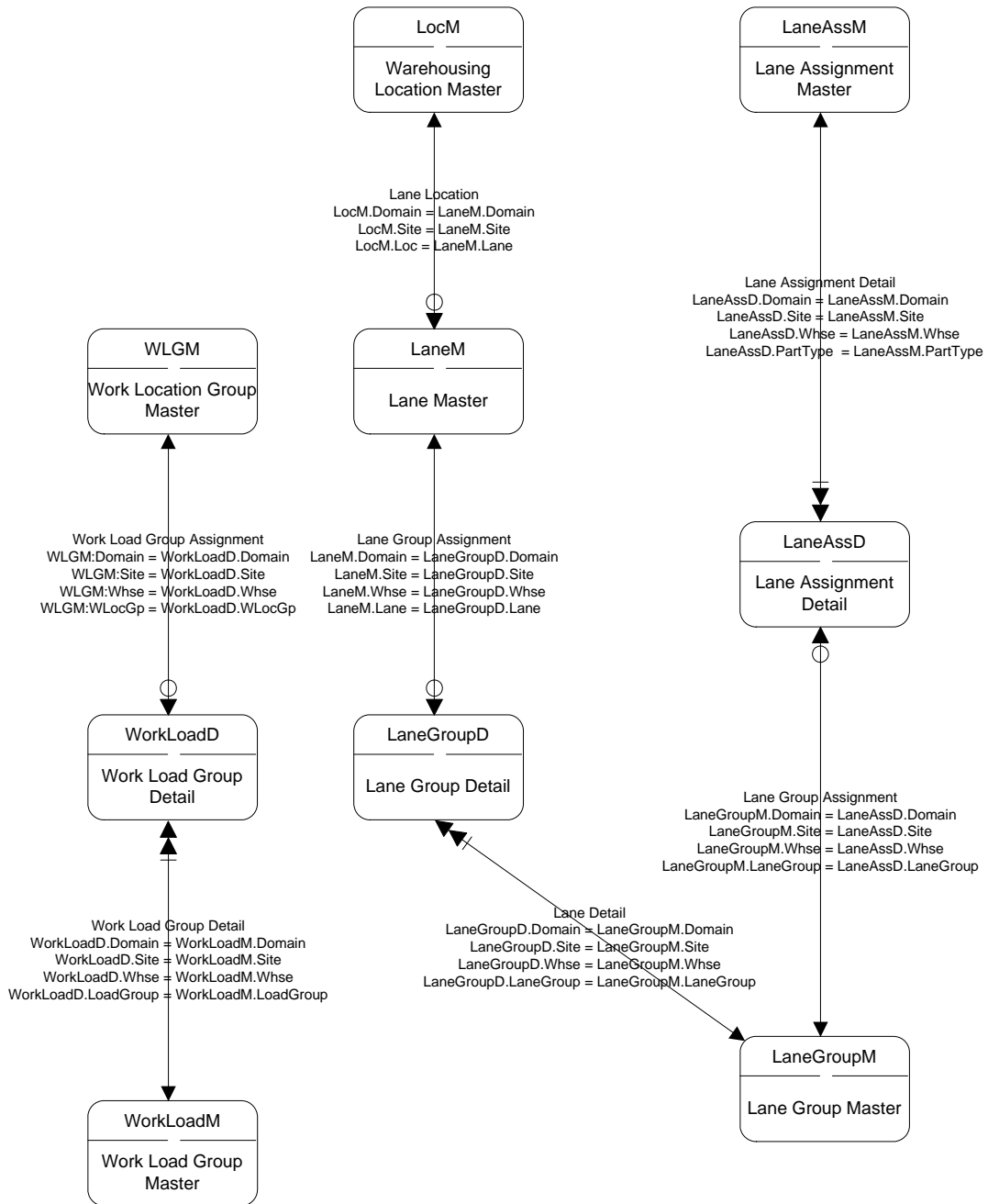
# Warehouse – Sizing



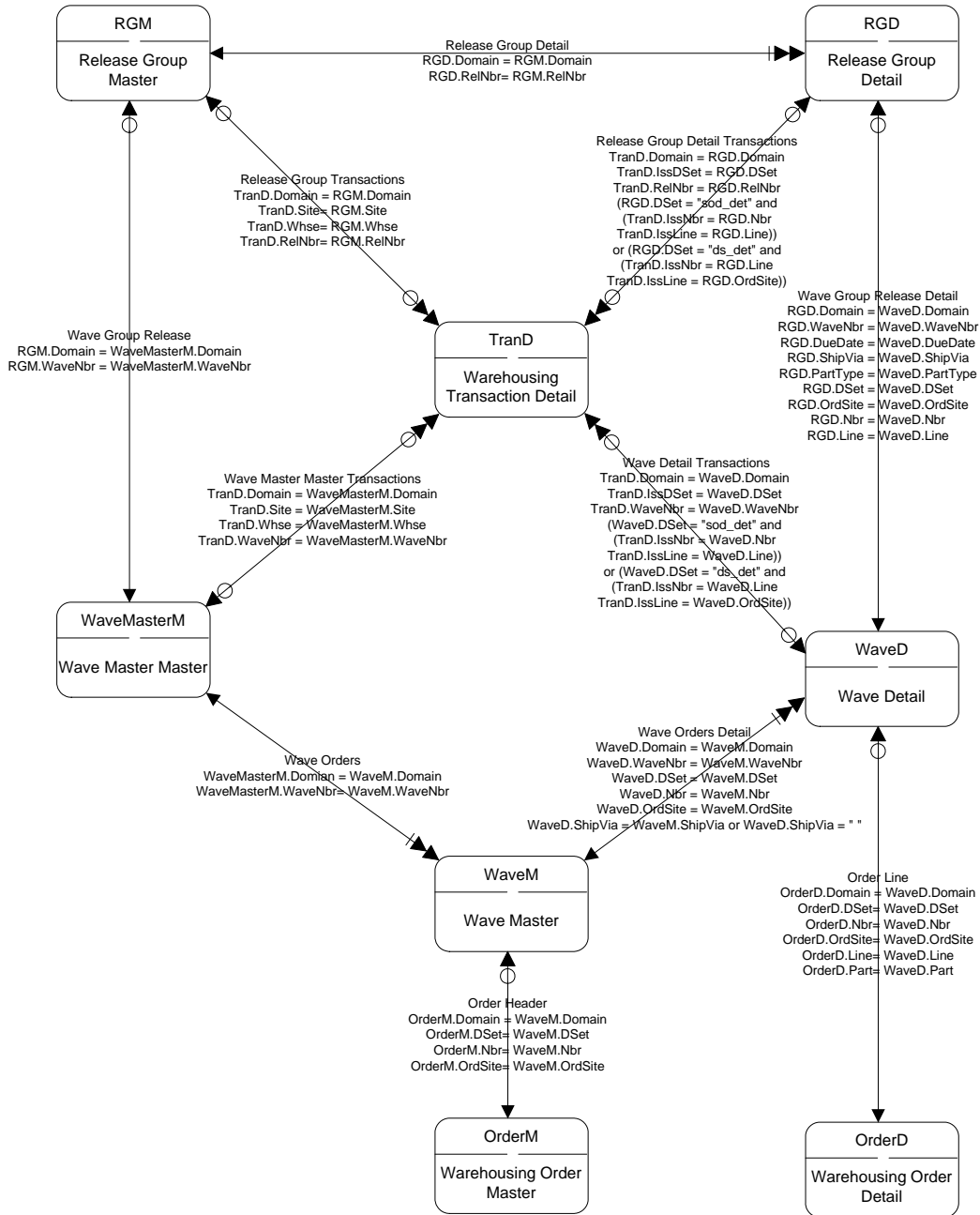
## Warehouse – Warehouses



# Warehouse – Wave Planning I

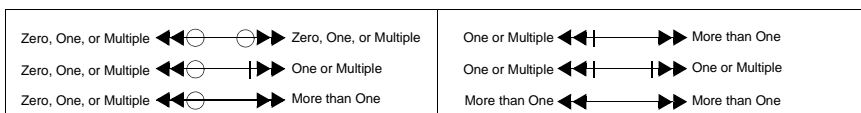
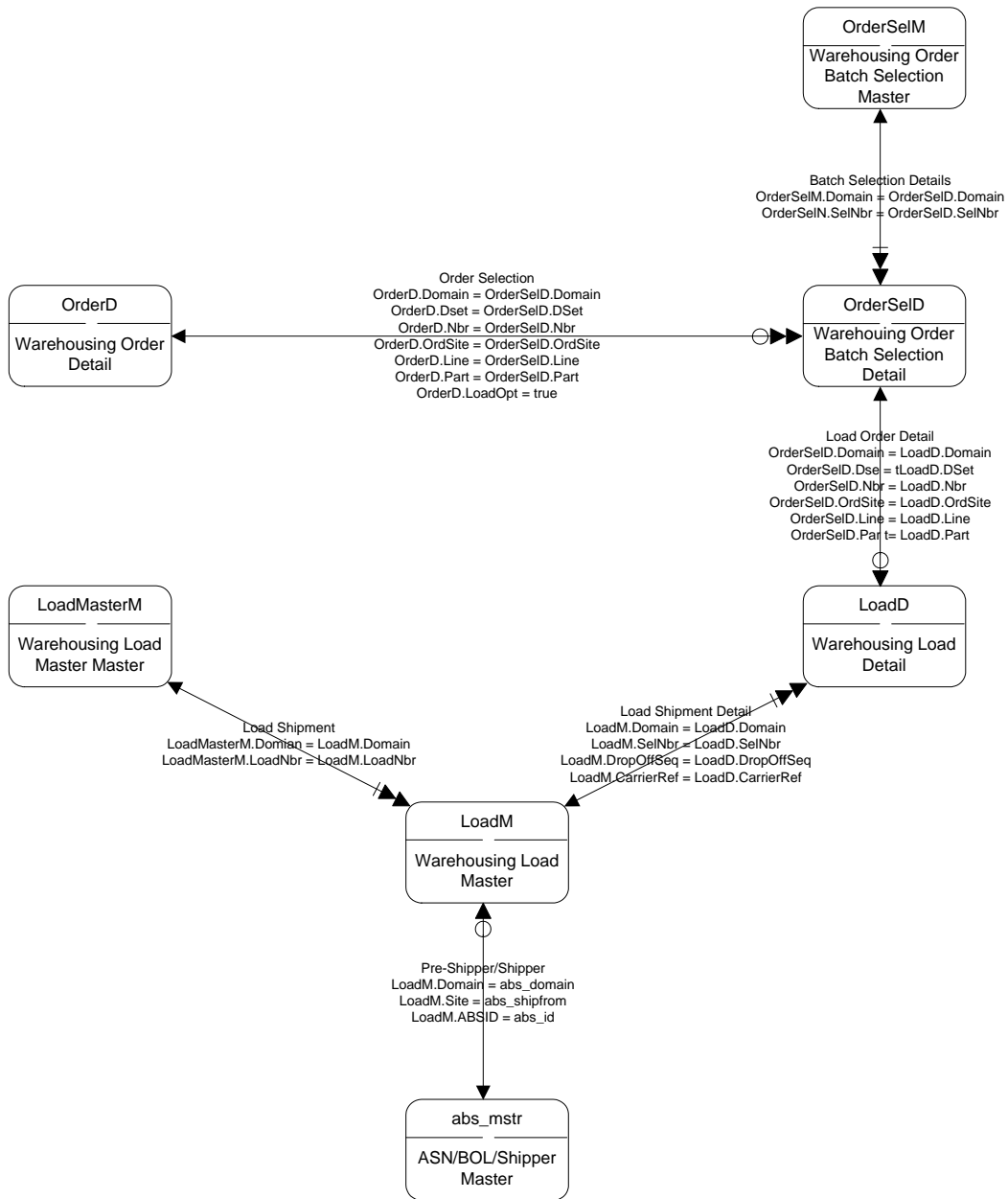


## Warehouse – Wave Planning II

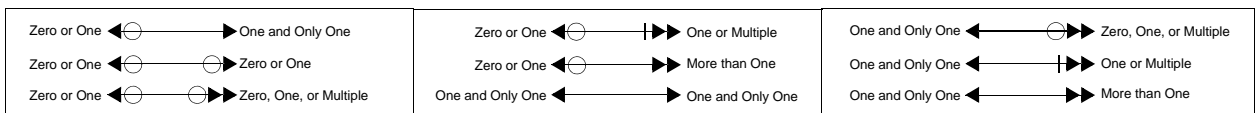
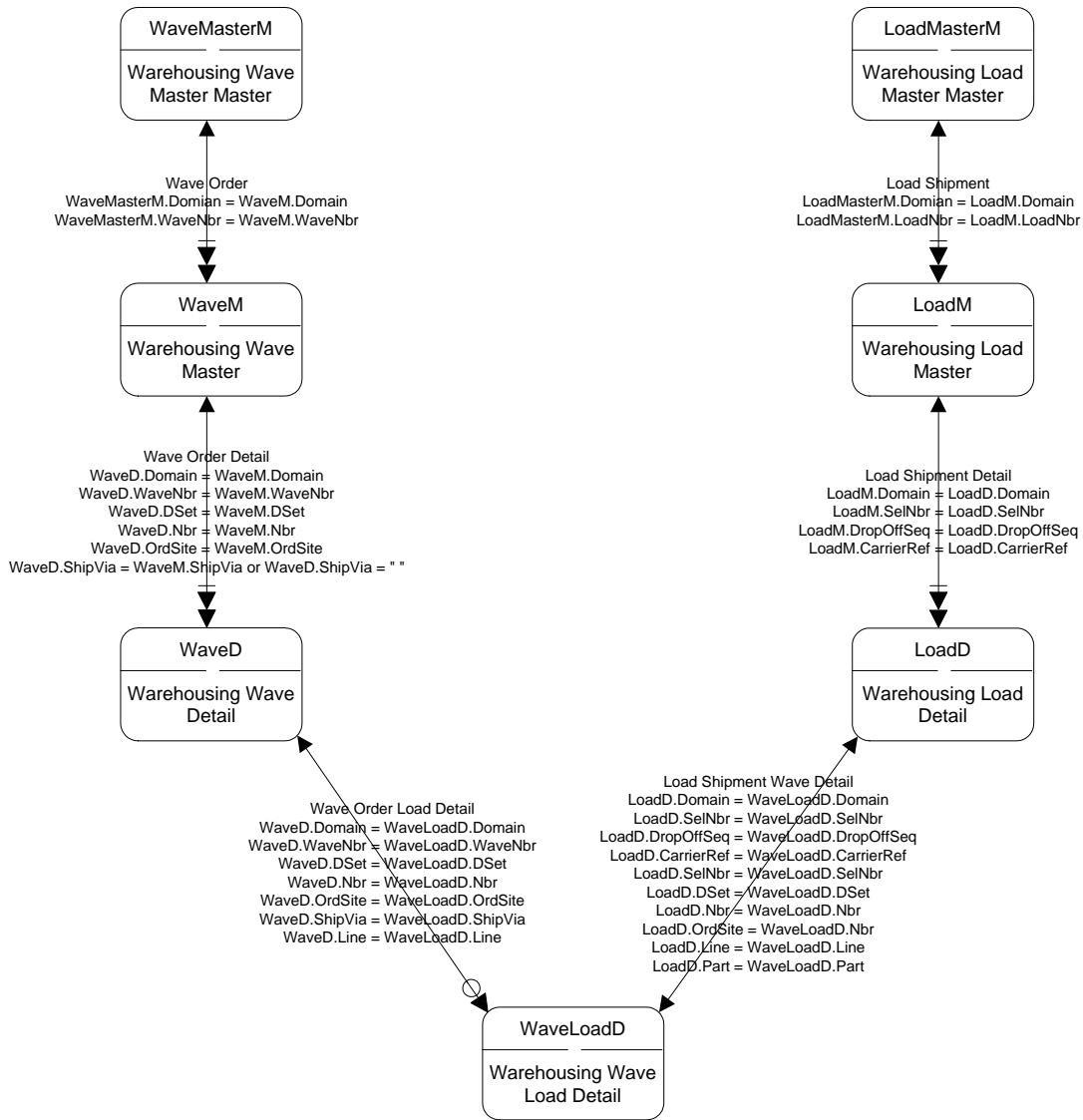


|   |  |   |
|---|--|---|
| Zero or One $\leftarrow \ominus \longrightarrow$ One and Only One                               | Zero or One $\leftarrow \ominus \parallel \longrightarrow$ One or Multiple             | One and Only One $\leftarrow \ominus \parallel \longrightarrow$ Zero, One, or Multiple        |
| Zero or One $\leftarrow \ominus \longrightarrow \ominus$ Zero or One                            | Zero or One $\leftarrow \ominus \longrightarrow \longrightarrow$ More than One         | One and Only One $\leftarrow \ominus \parallel \longrightarrow \parallel$ One or Multiple     |
| Zero or One $\leftarrow \ominus \longrightarrow \ominus \longrightarrow$ Zero, One, or Multiple | One and Only One $\leftarrow \ominus \longrightarrow \longrightarrow$ One and Only One | One and Only One $\leftarrow \ominus \parallel \longrightarrow \longrightarrow$ More than One |

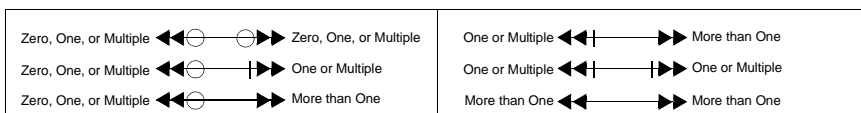
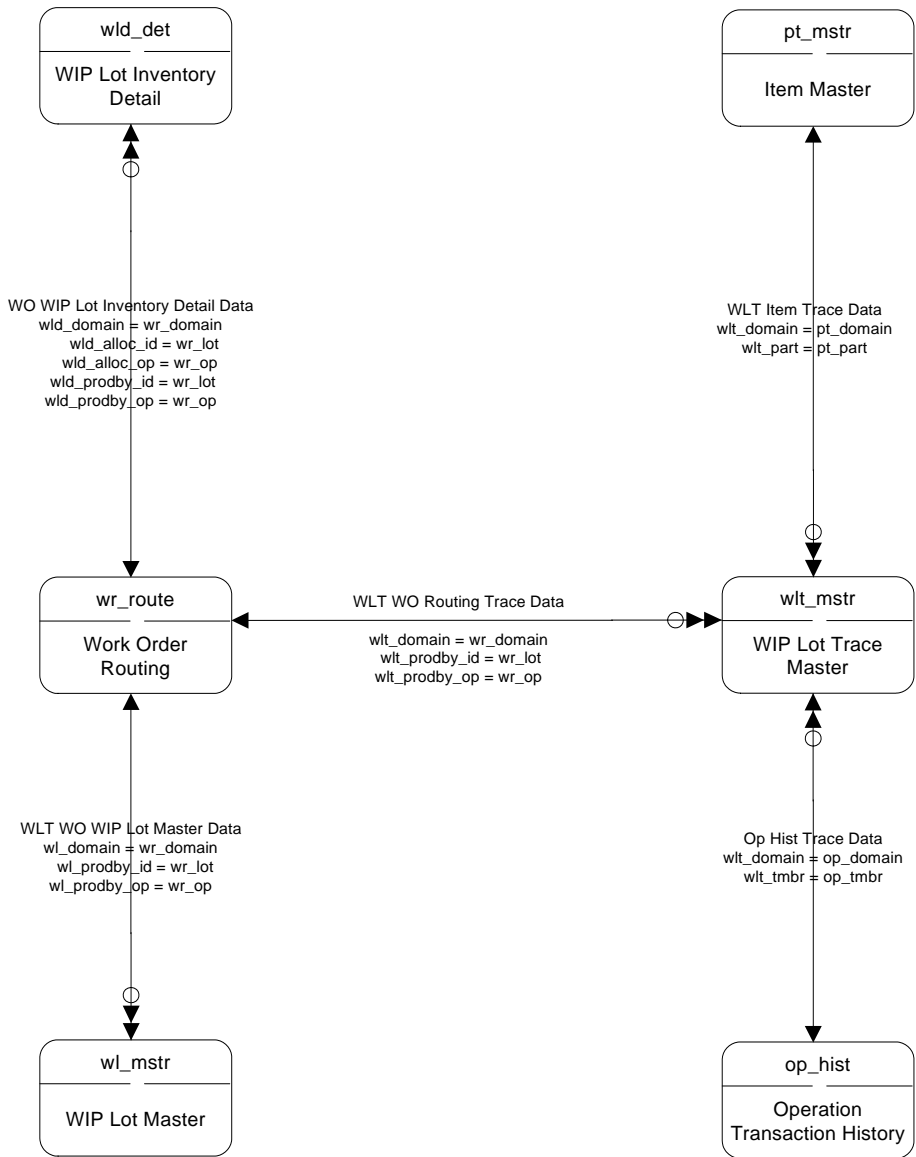
# Warehouse – Wave Transportation I



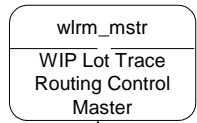
## Warehouse – Wave Transportation II



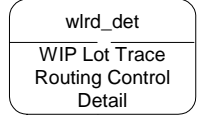
# WIP Lot Trace I



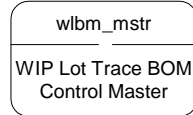
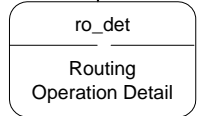
## WIP Lot Trace II



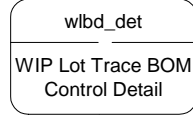
Routing Registration Detail  
wlrm\_domain = wlrd\_domain  
wlrm\_routing = wlrd\_routing  
wlrm\_start = wlrd\_start



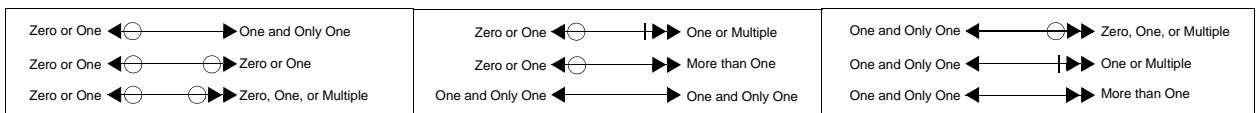
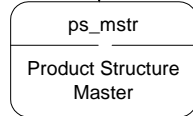
Operation Detail Data  
wlrd\_domain = ro\_domain  
wlrd\_routing = ro\_routing  
wlrd\_start = ro\_start  
wlrd\_op = ro\_op



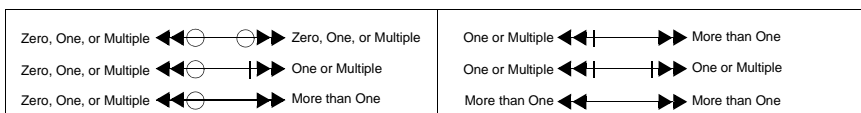
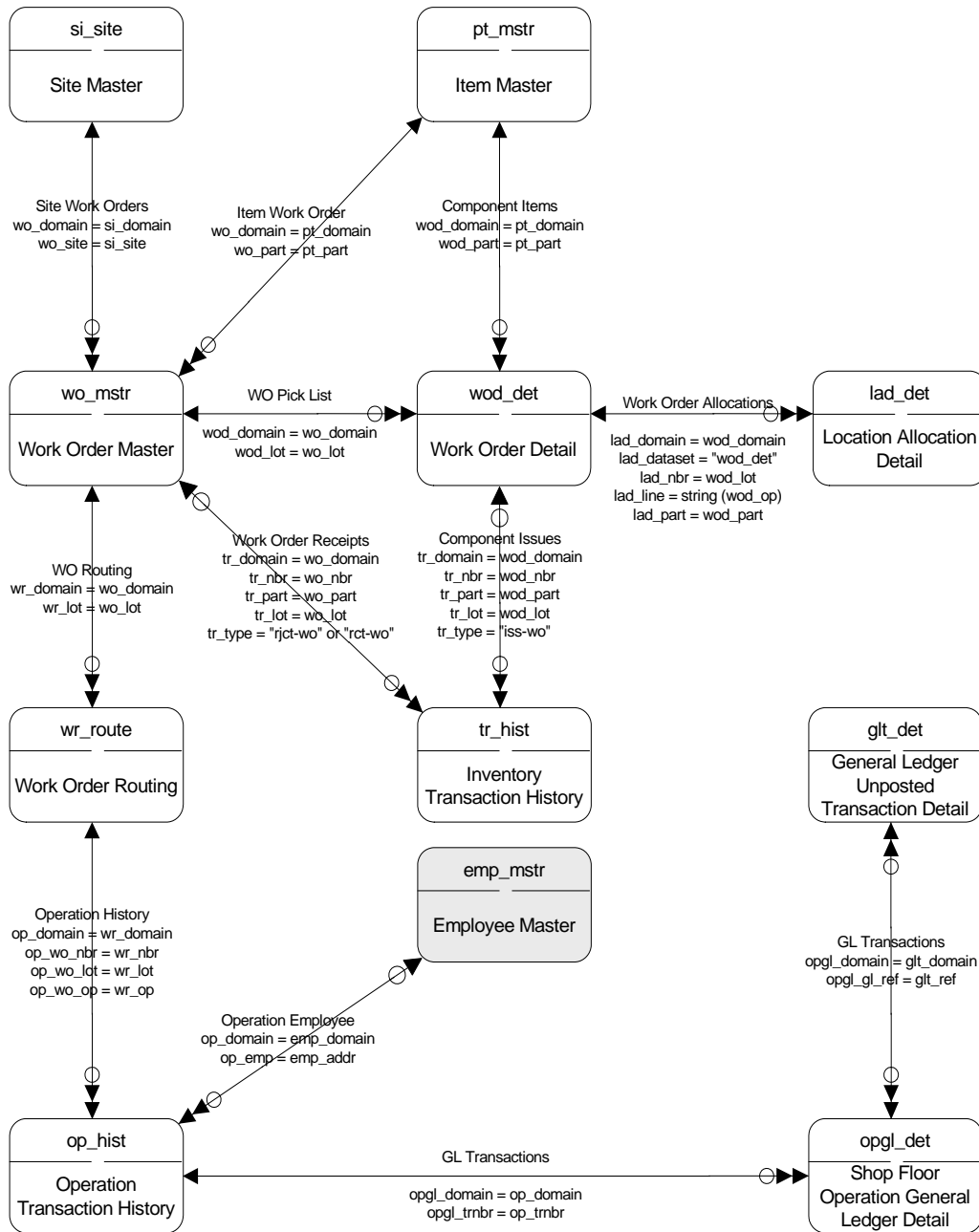
BOM Registration Detail Data  
wlrm\_domain = wlbd\_domain  
wlrm\_bom\_code = wlbd\_bom\_code  
wlrm\_start = wlbd\_start

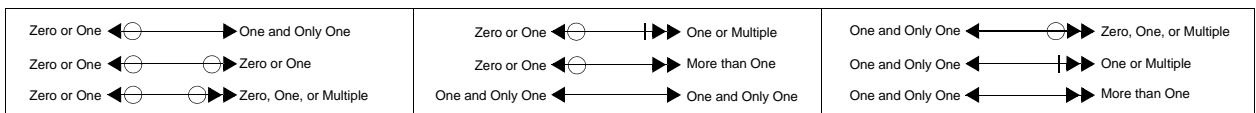


Component Detail Data  
wlbd\_domain = ps\_domain  
wlbd\_bom\_code = ps\_par  
wlbd\_start = ps\_start  
wlbd\_comp = ps\_comp



# Work Orders





# Table/Diagram Cross-Reference (Operational)

This chapter provides a cross-reference of operational tables and the diagrams in which they appear.

***Entity Cross-Reference*** 172

## Entity Cross-Reference

Table 3.1 lists database tables in alphabetical order and indicates the diagrams where the tables appear.

**Table 3.1**  
Database Table Cross-Reference

| Table     | Table Description                      | Diagram                                |
|-----------|--|--|
| abs_mstr  | ASN/BOL/Shipper Master                 | IAQ - Attribute Values                 |
| abs_mstr  | ASN/BOL/Shipper Master                 | Container and Line Charges III         |
| abs_mstr  | ASN/BOL/Shipper Master                 | Customer Scheduled Orders              |
| abs_mstr  | ASN/BOL/Shipper Master                 | Customer Sequenced Schedules           |
| abs_mstr  | ASN/BOL/Shipper Master                 | Legal Document                         |
| abs_mstr  | ASN/BOL/Shipper Master                 | Purchasing III                         |
| abs_mstr  | ASN/BOL/Shipper Master                 | Serialization - Shipping History       |
| abs_mstr  | ASN/BOL/Shipper Master                 | Serialization - Transaction Data       |
| abs_mstr  | ASN/BOL/Shipper Master                 | Serialization - Transaction History    |
| abs_mstr  | ASN/BOL Shipper Master                 | Shipment Performance I                 |
| abs_mstr  | ASN/BOL Shipper Master                 | Shipment Performance II                |
| abs_mstr  | ASN/BOL Shipper Master                 | Shipping I                             |
| abs_mstr  | ASN/BOL/Shipper Master                 | Subcontract Shipping                   |
| abs_mstr  | ASN/BOL/Shipper Master                 | Warehouse – Batch Picking              |
| abs_mstr  | ASN/BOL/Shipper Master                 | Warehouse – Bulk Picking               |
| abs_mstr  | ASN/BOL/Shipper Master                 | Warehouse – Wave Transportation I      |
| absc_det  | Shipment Carrier Detail                | Shipping I                             |
| absc_det  | Shipment Carrier Detail                | Shipping II                            |
| absc_det  | Sales Order Detail Container Charges   | Container and Line Charges II          |
| absc_det  | Sales Order Detail Container Charges   | Container and Line Charges III         |
| absd_det  | Shipment Line Item Detail              | Container and Line Charges III         |
| absd_det  | Shipment Line Item Detail              | Shipping I                             |
| absl_det  | Shipment Detail Line Charges           | Container and Line Charges III         |
| absp_det  | Sub Shipper Receipt Cross-Reference    | Subcontract Shipping                   |
| absr_det  | Shipment Requirement Detail            | Customer Scheduled Orders              |
| abs_s_det | Shipment Sequence Detail               | Customer Sequenced Schedules           |
| absw_det  | ASN/BOL/Shipper WIP Lot/Serial Detail  | Subcontract Shipping                   |
| absx_det  | Sub Shipper/PO Shipper Cross-Reference | Subcontract Shipping                   |
| ac_mstr   | Account Master                         | Shipping II                            |
| acdf_mstr | Account Default Master                 | Financials vs Operations Replication I |
| acdf_mstr | Account Default Master                 | Product Line I                         |
| acld_det  | Attribute Category Link                | IAQ - Attributes Business Service      |
| acod_mstr | Application Code Master                | Q/LinQ I                               |
| act_mstr  | Alternate Container Master             | Container and Line Charges II          |
| ad_mstr   | Address Master                         | Addresses                              |

Table 3.1 — Database Table Cross-Reference — (Page 1 of 33)

| Table     | Table Description                | Diagram                                      |
|-----------|----------------------------------|--|
| ad_mstr   | Address Master                   | Configured Messages                          |
| ad_mstr   | Address Master                   | Container and Line Charges I                 |
| ad_mstr   | Address Master                   | Customer Consignment I                       |
| ad_mstr   | Address Master                   | Customers IV                                 |
| ad_mstr   | Address Master                   | Financials vs Operations Replication II      |
| ad_mstr   | Address Master                   | GTM Address Master Data                      |
| ad_mstr   | Address Master                   | Inventory III                                |
| ad_mstr   | Address Master                   | Product Line II                              |
| ad_mstr   | Address Master                   | Purchasing I                                 |
| ad_mstr   | Address Master                   | Sales Orders I                               |
| ad_mstr   | Address Master                   | Sales Quotations I                           |
| ad_mstr   | Address Master                   | Salesperson I                                |
| ad_mstr   | Address Master                   | Serialization - Packaging Structure          |
| ad_mstr   | Address Master                   | Serialization - Setup                        |
| ad_mstr   | Address Master                   | Shipment Performance III                     |
| ad_mstr   | Address Master                   | Shipping II                                  |
| ad_mstr   | Address Master                   | SSM – Call Tracking I                        |
| ad_mstr   | Address Master                   | SSM – Engineers II                           |
| ad_mstr   | Address Master                   | SSM – Installed Base                         |
| ad_mstr   | Address Master                   | SSM – RMA I                                  |
| ad_mstr   | Address Master                   | Supplier Consignment I                       |
| ad_mstr   | Address Master                   | Vendors (Suppliers)                          |
| ad_mstr   | Address Master                   | SSM – Service Contracts I                    |
| ad_mstr   | Address Master                   | SSM – Service Contracts III                  |
| AltTaskM  | Alternate Task Master            | Warehouse – Labor                            |
| AlgoAssD  | Algorithm Assignment Detail      | Warehouse – Algorithms and Engine Processing |
| AlgoAssM  | Algorithm Assignment Master      | Warehouse – Algorithms and Engine Processing |
| AlgoTypeM | Algorithm Type Master            | Warehouse – Algorithms and Engine Processing |
| AltUMD    | Alternate Unit of Measure Detail | Warehouse – Sizing                           |
| AltUMM    | Alternate Unit of Measure Master | Warehouse – Sizing                           |
| an_mstr   | Analysis Code Master             | Pricing                                      |
| anl_det   | Analysis Code Link Detail        | Pricing                                      |
| ans_det   | Analysis Code Selection Detail   | Pricing                                      |
| anx_det   | Analysis Code Exploded Detail    | Pricing                                      |
| apr_mstr  | Application Registry             | Q/LinQ I                                     |
| apr_mstr  | Application Registry             | Q/LinQ II                                    |
| apr_mstr  | Application Registry             | Q/LinQ III                                   |
| apr_mstr  | Application Registry             | Q/LinQ IV                                    |

Table 3.1 — Database Table Cross-Reference — (Page 2 of 33)

| Table         | Table Description                           | Diagram                             |
|---------------|---|-------------------------------------|
| apr_mstr      | Application Registry                        | Q/LinQ V                            |
| ar_mstr       | Accounts Receivable Master                  | GTM Suspended Tax                   |
| art_mstr      | Application Return Code Master              | Q/LinQ I                            |
| atcat_mstr    | Item Attribute Category Master              | IAQ - Item Attribute Profiles       |
| atcatx_ref    | Category Attribute Profile X-Ref            | IAQ - Item Attribute Profiles       |
| atp_det       | Available to Promise Detail                 | Forecasting/Planning                |
| atdext_det    | Attribute Value Extension                   | IAQ - Attribute Values              |
| attr_mstr     | Attribute Master                            | IAQ - Attribute Values              |
| attr_mstr     | Attribute Master                            | IAQ - Attributes Business Service   |
| attr_mstr     | Attribute Master                            | IAQ - Item Attribute Profiles       |
| attr_mstr     | Attribute Master                            | IAQ - Quality Setup                 |
| attrd_det     | Attribute Detail (Value)                    | IAQ - Attribute Values              |
| attrd_det     | Attribute Detail (Value)                    | IAQ - Attributes Business Service   |
| attrdh_hist   | Attribute Detail (Value) History            | IAQ - Attribute Value History       |
| attrlot_mstr  | Attribute Lot Master                        | IAQ - Attribute Value History       |
| attrlot_mstr  | Attribute Lot Master                        | IAQ - Attribute Values              |
| attrlot_mstr  | Attribute Lot Master                        | IAQ - Quality Orders                |
| attrp_det     | Attribute Parameter Detail                  | IAQ - Attribute Values              |
| attrpf_mstr   | Attribute Profile Master                    | IAQ - Item Attribute Profiles       |
| attrpf_mstr   | Attribute Profile Master                    | IAQ - Quality Setup                 |
| attrpfd_det   | Attribute Profile Detail                    | IAQ - Item Attribute Profiles       |
| attr[fd_det   | Attribute Profile Detail                    | IAQ - Quality Setup                 |
| attrpdf_det   | Attribute Profile Detail                    | IAQ - Quality Orders                |
| attrs_det     | Attribute Set                               | IAQ - Attribute Values              |
| attrs_det     | Attribute Set                               | IAQ - Attributes Business Service   |
| attrsl_det    | Attribute Set Link                          | IAQ - Attribute Values              |
| attrsl_det    | Attribute Set Link                          | IAQ - Attributes Business Service   |
| attrsp_det    | Attribute Profile Specification Detail      | IAQ - Item Attribute Profiles       |
| attrsp_det    | Attribute Profile Specification Detail      | IAQ - Quality Orders                |
| attrsp_det    | Attribute Profile Specification Detail      | IAQ - Quality Setup                 |
| attrv_det     | Attribute Validation Detail                 | IAQ - Attributes Business Service   |
| attrvh_hist   | Attribute Validation Results History        | IAQ - Attribute Value History       |
| BatchPickD    | Batch Picking Detail                        | Warehouse – Batch Picking           |
| BatchPickingM | Batch Picking Master                        | Warehouse – Batch Picking           |
| bom_mstr      | Product Structure (Bill of Material) Master | Item Routing I                      |
| bom_mstr      | Product Structure (Bill of Material) Master | Kanban II                           |
| bom_mstr      | Product Structure (Bill of Material) Master | Product Structure                   |
| bom_mstr      | Product Structure (Bill of Material) Master | Serialization - Packaging Structure |
| bom_mstr      | Product Structure (Bill of Material) Master | Serialization - Setup               |
| bop_mstr      | Bill of Package Code                        | Serialization - Packaging Structure |

Table 3.1 — Database Table Cross-Reference — (Page 3 of 33)

| Table      | Table Description   | Diagram                                       |
|------------|---|---|
| bopd_det   | Bill of Packaging Detail                                  | Serialization - Packaging Structure           |
| btb_det    | Enterprise Material Transfer Primary Business Unit Detail | EMT – Secondary Business Unit                 |
| btr_mstr   | Blocked Transaction Master                                | Blocking Transaction                          |
| btrd_det   | Blocked Transaction Detail                                | Blocking Transaction                          |
| BulkPickD  | Bulk Pick Detail  | Warehouse – Bulk Picking                      |
| BulkPickDH | Bulk Pick Detail History                                  | Warehouse – Bulk Picking                      |
| BulkPickM  | Bulk Pick Master  | Warehouse – Bulk Picking                      |
| CalendarD  | Warehouse Calendar Detail                                 | Warehouse – Labor                             |
| CalendarM  | Warehouse Calendar Master                                 | Warehouse – Labor                             |
| ca_mstr    | Service/Support Call Master                               | SSM – Call Activity Recording                 |
| ca_mstr    | Service/Support Call Master                               | SSM – Call Invoice Recording                  |
| ca_mstr    | Service/Support Call Master                               | SSM – Call Tracking I                         |
| ca_mstr    | Service/Support Call Master                               | SSM – Call Tracking II                        |
| ca_mstr    | Service/Support Call Master                               | SSM – Call Tracking III                       |
| ca_mstr    | Service/Support Call Master                               | SSM – Call Tracking IV                        |
| ca_mstr    | Service/Support Call Master                               | SSM – RMA I                                   |
| cah_hist   | Service/Support Call History                              | SSM – Call Tracking IV                        |
| cal_det    | Calendar Detail   | Fixed Assets I                                |
| cal_det    | Calendar Detail   | Routing Standards                             |
| cald_det   | Calendar Non-Operating Detail                             | Separate Manufacturing and Shipping Calendars |
| calh_det   | Holiday Detail  | Separate Manufacturing and Shipping Calendars |
| calm_mstr  | Calendar Master   | Separate Manufacturing and Shipping Calendars |
| cals_det   | Calendar Shift Detail                                     | Separate Manufacturing and Shipping Calendars |
| caq_mstr   | Service/Support Call Queue Master                         | SSM – Call Tracking II                        |
| cas_mstr   | Service/Support Call Status Master                        | SSM – Call Tracking II                        |
| categ_mstr | Category Master   | IAQ - Attributes Business Service             |
| cc_mstr    | Cost Center Master  | Shipping II                                   |
| ccb_mstr   | Cycle Count Batch Master                                  | Serialization - Transaction History           |
| ccd_mstr   | Service/Support Call Fault Code Master                    | SSM – Call Tracking III                       |
| ccls_mstr  | Container/Line Charge Ship-From/Ship-To Control Master    | Container and Line Charges I                  |
| cclsc_mstr | Ship-To/Container Master                                  | Container and Line Charges I                  |
| cclsc_mstr | Ship-To/Container Master                                  | Container and Line Charges II                 |
| cclsc_mstr | Ship-To/Container Master                                  | Container and Line Charges III                |
| cclscd_det | Ship-To/Container Price List Detail                       | Container and Line Charges I                  |
| cct_mstr   | Container Charge Type Master                              | Container and Line Charges I                  |
| cct_mstr   | Container Charge Type Master                              | Container and Line Charges II                 |

Table 3.1 — Database Table Cross-Reference — (Page 4 of 33)

| <b>Table</b> | <b>Table Description</b>                              | <b>Diagram</b>                          |
|--------------|---|---|
| cct_mstr     | Container Charge Type Master                          | Container and Line Charges III          |
| cd_det       | Master Comments                                       | Customers II                            |
| cd_det       | Master Comments                                       | Routing Standards                       |
| cd_det       | Master Comments                                       | Vendors (Suppliers)                     |
| chg_mstr     | Line Changeover Master                                | Repetitive Schedule                     |
| chg_mstr     | Line Changeover Master                                | MSW/PSW                                 |
| cil_mstr     | Correction Invoice Link Master                        | Sales Order IV                          |
| cild_det     | Correction Invoice Link Detail                        | Sales Order IV                          |
| CInvoice     | Supplier Invoice                                      | Intrastat                               |
| CInvoice     | Supplier Invoice                                      | Vendors (Suppliers)                     |
| CInvoicePO   | Supplier Invoice Purchase Orders                      | Vendors (Suppliers)                     |
| chm_mstr     | Service/Support Call History Master                   | SSM – Call Tracking IV                  |
| cm_mstr      | Customer Master                                       | Addresses                               |
| cm_mstr      | Customer Master                                       | Blocking Transaction                    |
| cm_mstr      | Customer Master                                       | Customer Sequenced Schedules            |
| cm_mstr      | Customer Master                                       | Customers I                             |
| cm_mstr      | Customer Master                                       | Customers II                            |
| cm_mstr      | Customer Master                                       | Customers III                           |
| cm_mstr      | Customer Master                                       | Customers IV                            |
| cm_mstr      | Customer Master                                       | Customers V                             |
| cm_mstr      | Customer Master                                       | Financials vs Operations Replication II |
| cm_mstr      | Customer Master                                       | General Ledger Daybooks                 |
| cm_mstr      | Customer Master                                       | GTM Customer Master Data                |
| cm_mstr      | Customer Master                                       | GTM Suspended Tax                       |
| cm_mstr      | Customer Master                                       | Invoice History I                       |
| cm_mstr      | Customer Master                                       | Product Line I                          |
| cm_mstr      | Customer Master                                       | Sales Analysis                          |
| cm_mstr      | Customer Master                                       | Sales Orders I                          |
| cm_mstr      | Customer Master                                       | Sales Quotations I                      |
| cm_mstr      | Customer Master                                       | Salesperson I                           |
| cm_mstr      | Customer Master                                       | SSM – Installed Base                    |
| cm_mstr      | Customer Master                                       | SSM – RMA II                            |
| cm_mstr      | Customer Master                                       | SSM – Service Contracts III             |
| cmf_mstr     | Enterprise Material Transfer Change Management Master | EMT – Primary Business Unit             |
| cmh_hist     | Customer Sales History                                | Customers II                            |
| cmh_hist     | Customer Sales History                                | Sales Analysis                          |
| cmt_det      | Transaction Comments                                  | Product Change Control II               |
| cmt_det      | Transaction Comments                                  | Purchasing II                           |
| cmt_det      | Transaction Comments                                  | Sales Orders II                         |
| cmt_det      | Transaction Comments                                  | Sales Quotations II                     |

Table 3.1 — Database Table Cross-Reference — (Page 5 of 33)

| Table        | Table Description                                   | Diagram                                      |
|--------------|---|--|
| cncix_mstr   | Consigned Shipment Inventory Cross-Reference Master | Customer Consignment I                       |
| cncix_mstr   | Consigned Shipment Inventory Cross-Reference Master | Customer Consignment II                      |
| cncs_mstr    | Customer Consignment Ship-To/Item Master            | Customer Consignment I                       |
| cncu_mstr    | Customer Consignment Shipment Usage Master          | Customer Consignment II                      |
| cncud_det    | Customer Consignment Shipment Usage Detail          | Customer Consignment II                      |
| cns_ctrl     | Supplier Consignment Control                        | Supplier Consignment I                       |
| cnsix_mstr   | Supplier Consignment Receipt Inventory Master       | Supplier Consignment I                       |
| cnsix_mstr   | Supplier Consignment Receipt Inventory Master       | Supplier Consignment II                      |
| cns_s_mstr   | Supplier Consignment Supplier/Item Master           | Supplier Consignment I                       |
| cnsu_mstr    | Supplier Consignment Receipt Usage Master           | Supplier Consignment II                      |
| cnsud_det    | Supplier Consignment Receipt Usage Detail           | Supplier Consignment II                      |
| code_mstr    | Generalized Code Master                             | GTM Address Master Data                      |
| code_mstr    | Generalized Code Master                             | GTM Customer Master Data                     |
| code_mstr    | Generalized Code Master                             | GTM Supplier Master Data                     |
| code_mstr    | Generalized Code Master                             | GTM Transactions                             |
| code_mstr    | Generalized Code Master                             | Product Line I                               |
| code_mstr    | Generalized Code Master                             | Warehouse – Items                            |
| code_mstr    | Generalized Code Master                             | Warehouse – Algorithms and Engine Processing |
| code_mstr    | Generalized Code Master                             | Warehouse – Labor                            |
| code_mstr    | Generalized Code Master                             | Warehouse – Replenishment                    |
| code_mstr    | Generalized Code Master                             | Warehouse – Sizing                           |
| code_mstr    | Generalized Code Master                             | Warehouse – Warehouses                       |
| cont_mstr    | Container Type Master                               | Kanban I                                     |
| CostCentre   | Cost Center   | Financials vs Operations Replication I       |
| cp_mstr      | Customer Item Master                                | Customers I                                  |
| cp_mstr      | Customer Item Master                                | Sales Orders I                               |
| cp_mstr      | Customer Item Master                                | Sales Orders II                              |
| cp_mstr      | Customer Item Master                                | Sales Quotations I                           |
| cp_mstr      | Customer Item Master                                | Sales Quotations II                          |
| cph_hist     | Customer/Item Sales History                         | Customers I                                  |
| cph_hist     | Customer/Item Sales History                         | Sales Analysis                               |
| Creditor     | Supplier  | Financials vs Operations Replication I       |
| Creditor     | Supplier  | Vendors (Suppliers)                          |
| CreditorType | Supplier Type                                       | Product Line I                               |
| cs_mstr      | Cost Set Master                                     | Cost Management I                            |
| cs_mstr      | Cost Set Master                                     | Cost Management II                           |
| cs_mstr      | Cost Set Master                                     | Item Routing II                              |
| cs_mstr      | Cost Set Master                                     | Operations Planning I                        |

Table 3.1 — Database Table Cross-Reference — (Page 6 of 33)

| Table        | Table Description                                | Diagram                                 |
|--------------|--|---|
| cs_mstr      | Cost Set Master                                  | Periodic Costing                        |
| ct_mstr      | Credit Terms Master                              | Customers II                            |
| ct_mstr      | Credit Terms Master                              | Financials vs Operations Replication II |
| ct_mstr      | Credit Terms Master                              | Purchasing I                            |
| ct_mstr      | Credit Terms Master                              | Sales Orders I                          |
| ct_mstr      | Credit Terms Master                              | Sales Quotations I                      |
| ct_mstr      | Credit Terms Master                              | Vendors (Suppliers)                     |
| ctd_det      | Credit Terms Detail                              | Customers II                            |
| ctd_det      | Credit Terms Detail                              | Financials vs Operations Replication II |
| ctd_det      | Credit Terms Detail                              | Vendors (Suppliers)                     |
| ctry_mstr    | Country Master                                   | Financials vs Operations Replication I  |
| ctry_mstr    | Country Master                                   | GTM Address Master Data                 |
| ctry_mstr    | Country Master                                   | GTM Customer Master Data                |
| ctry_mstr    | Country Master                                   | GTM Supplier Master Data                |
| cu_mstr      | Currency Master                                  | Customers V                             |
| cu_mstr      | Currency Master                                  | Financials vs Operations Replication I  |
| cu_mstr      | Currency Master                                  | Freight Charges II                      |
| Currency     | Currency   | Financials vs Operations Replication I  |
| dal_mstr     | Destination Application List Master              | Q/LinQ V                                |
| dald_det     | Destination Application List Detail              | Q/LinQ V                                |
| de_mstr      | Data Entry Master                                | Pending Calls                           |
| Debtor       | Customer   | Invoice History I                       |
| Debtor       | Customer   | Sales Order I                           |
| ded_det      | Data Entry Detail                                | Pending Calls                           |
| DeductionCat | Deduction Category                               | TPM Deductions I                        |
| dee_mstr     | Data Entry Extension Master                      | Pending Calls                           |
| defc_det     | Data Entry Frame Sequence Condition              | Pending Calls                           |
| defd_det     | Data Entry Frame Detail                          | Pending Calls                           |
| deff_det     | Data Entry Frame Field Detail                    | Pending Calls                           |
| defl_det     | Data Entry Field Detail                          | Pending Calls                           |
| defl_det     | Data Entry Field Detail                          | Pending Calls                           |
| defr_det     | Service Contract Deferred/Accrued Revenue Detail | SSM – Service Contracts I               |
| defs_det     | Data Entry Frame Sequence                        | Pending Calls                           |
| delt_mstr    | Delivery Time Master                             | Sales Orders I                          |
| dep_mstr     | Data Entry Profile Master                        | Pending Calls                           |
| deu_det      | Data Entry User Detail                           | Pending Calls                           |
| df_mstr      | Document Print Format Master                     | Legal Document                          |
| df_mstr      | Document Print Format Master                     | Shipping I                              |
| DInvoice     | Customer Invoice                                 | Financials vs Operations Replication I  |
| DInvoice     | Customer Invoice                                 | Invoice History I                       |

Table 3.1 — Database Table Cross-Reference — (Page 7 of 33)

| Table          | Table Description                           | Diagram                                 |
|----------------|---|---|
| DInvoice       | Customer Invoice                            | Sales Order I                           |
| DInvoice       | Customer Invoice                            | Salesperson II                          |
| DInvoiceOpInfo | Customer Invoice Operational Info           | Invoice History I                       |
| DInvoiceOpInfo | Customer Invoice Operational Info           | Sales Order I                           |
| doh_mstr       | Days On Hand Analysis Master                | Days On Hand                            |
| dohd_mstr      | Days On Hand Demand Detail                  | Days On Hand                            |
| dohh_mstr      | Days On Hand Horizon Days Detail            | Days On Hand                            |
| dom_mstr       | Domain Master                               | Financials vs Operations Replication I  |
| dosr_det       | Depot Order Shipment/Receipt Details        | SSM – Depot Orders                      |
| dpt_mstr       | Department Master                           | Routing Standards                       |
| ds_det         | Distributed Site Order Detail               | DRP I                                   |
| ds_det         | Distributed Site Order Detail               | Intrastat III                           |
| ds_det         | Distributed Site Order Detail               | MRP I                                   |
| ds_det         | Distributed Site Order Detail               | Serialization - Transaction Data        |
| ds_det         | Distributed Site Order Detail               | Warehouse – Orders                      |
| dsd_det        | Distributed Site Requisition Detail         | DRP I                                   |
| dsd_det        | Distributed Site Requisition Detail         | MRP II                                  |
| dsd_det        | Distributed Site Requisition Detail         | Serialization - Shipping History        |
| dsd_det        | Distributed Site Requisition Detail         | Serialization - Transaction Data        |
| dsd_det        | Distributed Site Requisition Detail         | Warehouse – Orders                      |
| dsr_mstr       | Distributed Site Requisition Master         | DRP I                                   |
| dsr_mstr       | Distributed Site Requisition Master         | DRP II                                  |
| dsr_mstr       | Distributed Site Requisition Master         | Warehouse – Orders                      |
| dss_mstr       | Distributed Site Order Master               | DRP I                                   |
| dss_mstr       | Distributed Site Order Master               | Intrastat II                            |
| dss_mstr       | Distributed Site Order Master               | Serialization - Shipping History        |
| dss_mstr       | Distributed Site Order Master               | Warehouse – Orders                      |
| dv_mstr        | Data Validation Master                      | Serialization - Label Format            |
| dvf_det        | Data Validation Field Detail                | Serialization - Label Format            |
| dvvf_det       | Pack/Item Label Format                      | Serialization - Label Format            |
| dvlbx_ref      | Label Format Rule Cross Reference           | Serialization - Label Format            |
| dy_mstr        | General Ledger Daybook Master               | Financials vs Operations Replication II |
| dy_mstr        | General Ledger Daybook Master               | General Ledger Daybooks                 |
| dybs_mstr      | Daybook Set Master                          | General Ledger Daybooks                 |
| dyd_mstr       | General Ledger Default Daybook Master       | General Ledger Daybooks                 |
| ecd_det        | Engineering Change Item Detail              | Product Change Control II               |
| ecd_det        | Engineering Change Item Detail              | Product Structure                       |
| eddfs_mstr     | EDI MFG/PRO Document Master                 | Kanban IV                               |
| ecd1_det       | Engineering Change Product Structure Detail | Product Change Control II               |
| ecd2_det       | Engineering Change Routing Detail           | Product Change Control II               |

Table 3.1 — Database Table Cross-Reference — (Page 8 of 33)

| Table     | Table Description                              | Diagram                                      |
|-----------|--|--|
| ecd3_det  | Engineering Change Text File Detail            | Product Change Control II                    |
| ecd4_det  | Product Change Control Test Results Detail     | Product Change Control II                    |
| ecm_mstr  | Engineering Change Master                      | Product Change Control I                     |
| ecm_mstr  | Engineering Change Master                      | Product Change Control II                    |
| ecm_mstr  | Engineering Change Master                      | Product Structure                            |
| edlg_hist | Export Delivery Log                            | Q/LinQ V                                     |
| egd_det   | Service/Support Engineer Schedule Detail       | SSM – Engineers I                            |
| egs_det   | Service/Support Engineer Problem/Skills Detail | SSM – Call Tracking III                      |
| egs_det   | Service/Support Engineer Problem/Skills Detail | SSM – Engineers II                           |
| egt_mstr  | Service/Support Engineer Tracking Master       | SSM – Call Tracking III                      |
| egt_mstr  | Service/Support Engineer Tracking Master       | SSM – Engineers II                           |
| elg_hist  | Export Document Log                            | Q/LinQ I                                     |
| elg_hist  | Export Document Log                            | Q/LinQ II                                    |
| elg_hist  | Export Document Log                            | Q/LinQ V                                     |
| emg_msg   | Export Document Message                        | Q/LinQ II                                    |
| emp_mstr  | Employee Master                                | Financials vs Operations Replication I       |
| emp_mstr  | Employee Master                                | SSM – Engineers II                           |
| emp_mstr  | Employee Master                                | Work Orders                                  |
| encd_det  | Entity Consolidation Detail                    | General Ledger Consolidations                |
| eng_mstr  | Service/Support Engineer Master                | SSM – Call Activity Recording                |
| eng_mstr  | Service/Support Engineer Master                | SSM – Call Tracking III                      |
| eng_mstr  | Service/Support Engineer Master                | SSM – Engineers I                            |
| eng_mstr  | Service/Support Engineer Master                | SSM – Engineers II                           |
| eng_mstr  | Service/Support Engineer Master                | SSM – Installed Base                         |
| engineW   | Engine Work File                               | Warehouse – Algorithms and Engine Processing |
| eraw_det  | Raw Export Document Detail                     | Q/LinQ II                                    |
| es_mstr   | Service/Support Escalation and Repair Master   | SSM – Call Tracking I                        |
| esh_mstr  | Service/Support Engineer Schedule Master       | SSM – Engineers I                            |
| esp_mstr  | Export Document Specification Master           | Q/LinQ I                                     |
| esp_mstr  | Export Document Specification Master           | Q/LinQ IV                                    |
| ess_mstr  | Service/Support Engineer Status Master         | SSM – Engineers I                            |
| eu_mstr   | Service/Support End User Master                | Addresses                                    |
| eu_mstr   | Service/Support End User Master                | Customers IV                                 |
| eu_mstr   | Service/Support End User Master                | Financials vs Operations Replication I       |
| eu_mstr   | Service/Support End User Master                | SSM – Call Tracking I                        |
| eu_mstr   | Service/Support End User Master                | SSM – Installed Base                         |
| eu_mstr   | Service/Support End User Master                | SSM – RMA I                                  |
| eu_mstr   | Service/Support End User Master                | SSM – Service Contracts I                    |
| eu_mstr   | Service/Support End User Master                | SSM – Service Contracts III                  |
| eud_det   | Service/Support End User Detail                | Financials vs Operations Replication I       |

Table 3.1 — Database Table Cross-Reference — (Page 9 of 33)

| <b>Table</b> | <b>Table Description</b>                   | <b>Diagram</b>             |
|--------------|--|----------------------------|
| eud_det      | Service/Support End User Detail            | SSM – Installed Base       |
| fa_mstr      | Fixed Asset Master                         | Fixed Assets II            |
| fa_mstr      | Fixed Asset Master                         | Fixed Assets III           |
| faadj_mstr   | Fixed Asset Adjustment Master              | Fixed Assets III           |
| fab_det      | Fixed Asset Book Detail                    | Fixed Assets I             |
| fab_det      | Fixed Asset Book Detail                    | Fixed Assets III           |
| faba_det     | Fixed Asset Account Detail                 | Fixed Assets III           |
| fabch_mstr   | Fixed Asset Batch Master                   | Fixed Assets II            |
| fabch_det    | Fixed Asset Batch Detail                   | Fixed Assets II            |
| fabd_det     | Fixed Asset Book Depreciation Detail       | Fixed Assets III           |
| fabk_mstr    | Fixed Asset Book Master                    | Fixed Assets I             |
| facd_det     | Fixed Asset Class Account Detail           | Fixed Assets II            |
| fac_lcal     | Fixed Asset Calendar Master                | Fixed Assets I             |
| facld_det    | Fixed Asset Calendar Detail                | Fixed Assets I             |
| facsl_mstr   | Fixed Asset Class Master                   | Fixed Assets II            |
| fad_det      | Fixed Asset Component Detail               | Fixed Assets III           |
| fadf_mstr    | Fixed Asset Book Default Master            | Fixed Assets I             |
| fadf_mstr    | Fixed Asset Book Default Master            | Fixed Assets II            |
| faloc_mstr   | Fixed Asset Location Master                | Fixed Assets II            |
| faloc_mstr   | Fixed Asset Location Master                | Fixed Assets III           |
| famt_mstr    | Fixed Asset Method Master                  | Fixed Assets I             |
| famtd_det    | Fixed Asset Custom Table Detail            | Fixed Assets I             |
| famtr_mstr   | Fixed Asset Meter Master                   | Fixed Assets I             |
| famtrd_det   | Fixed Asset Meter Detail                   | Fixed Assets I             |
| fauop_det    | Fixed Asset UOP Forecast Detail            | Fixed Assets III           |
| fc_det       | Seasonal Build Detail                      | Forecasting/Planning       |
| fcs_sum      | Forecast Summary                           | Forecasting/Planning       |
| fct_mstr     | Service/Support Call Type Master           | SSM – Call Tracking I      |
| fclr_mstr    | Flow Line Capacity Master                  | Flow Scheduling            |
| fclrh_hist   | Flow Line Capacity Rate History            | Flow Scheduling            |
| flff_mstr    | Flow Flex Fence Master                     | Flow Scheduling            |
| flp_plan     | Family Line Plan                           | Operations Planning II     |
| flsc_mstr    | Flow Schedule Code Master                  | Flow Scheduling            |
| flscd_det    | Flow Schedule Code Detail                  | Flow Scheduling            |
| flsd_det     | Flow Schedule Detail                       | Flow Scheduling            |
| fp1_plan     | Family Production Backlog and Cost Plan    | Operations Planning II     |
| fp2_plan     | Family Production Inventory and Order Plan | Operations Planning II     |
| fp3_plan     | Family Production and Shipment Plan        | Operations Planning II     |
| fpc_mstr     | Service/Support Pricing Master             | SSM – Service Contracts II |
| fpd_cost     | Family Item Cost Detail                    | Operations Planning I      |

Table 3.1 — Database Table Cross-Reference — (Page 10 of 33)

| Table      | Table Description                              | Diagram                                 |
|------------|--|---|
| fr_mstr    | Freight List Master                            | Customers V                             |
| fr_mstr    | Freight List Master                            | Freight Charges I                       |
| fr_mstr    | Freight List Master                            | Freight Charges II                      |
| frcd_det   | Freight Charge Detail                          | Freight Charges II                      |
| frd_det    | Freight Rate Detail                            | DRP II                                  |
| frm_mstr   | Freight Rate Master                            | DRP II                                  |
| frzd_det   | Freight Zone Detail                            | Freight Charges II                      |
| fs_h_mstr  | Service/Support Holiday Master                 | SSM – Engineers I                       |
| fsp1_plan  | Family Simulation Backlog and Cost Plan        | Operations Planning II                  |
| fsp2_pln   | Family Simulation Inventory and Order Plan     | Operations Planning II                  |
| fsp3_pln   | Family Simulation Production and Shipment Plan | Operations Planning II                  |
| ft_mstr    | Freight Terms Master                           | Customers V                             |
| ft_mstr    | Freight Terms Master                           | Freight Charges I                       |
| fwk_mstr   | Service/Support Work Code Master               | SSM – Call Activity Recording           |
| fwk_mstr   | Service/Support Work Code Master               | SSM – Call Tracking II                  |
| glcd_det   | General Ledger Calendar Detail                 | Financials vs Operations Replication II |
| glt_det    | General Ledger Unposted Transaction Detail     | Financials vs Operations Replication II |
| glt_det    | General Ledger Unposted Transaction Detail     | General Ledger Daybooks                 |
| glt_det    | General Ledger Unposted Transaction Detail     | Inventory II                            |
| glt_det    | General Ledger Unposted Transaction Detail     | Work Orders                             |
| Holiday    | Holiday  | Billing                                 |
| iach_hist  | Inventory Consumption History                  | Inventory IV                            |
| iad_rate   | Obsolete Inventory Depreciation Rate           | Inventory IV                            |
| iao_det    | Output File Field Detail                       | Inventory IV                            |
| iao_mstr   | Output File Master                             | Inventory IV                            |
| iasd_det   | Obsolete Inventory Control Site Detail         | Inventory IV                            |
| iat_mstr   | Inventory Type Master                          | Inventory IV                            |
| iasd_det   | Obsolete Inventory Control Site Detail         | Inventory IV                            |
| ib_det     | Service/Support Installed Configuration Detail | SSM – Installed Base                    |
| ibh_hist   | Sales Order Configuration Bill History         | Invoice History I                       |
| idh_hist   | Invoice History Detail                         | Customer Consignment II                 |
| idh_hist   | Invoice History Detail                         | Intrastat                               |
| idh_hist   | Invoice History Detail                         | Invoice History I                       |
| idh_hist   | Invoice History Detail                         | Invoice History II                      |
| idh_hist   | Invoice History Detail                         | Retrobilling                            |
| idh_hist   | Invoice History Detail                         | Sales Order IV                          |
| idhlc_hist | Invoice History Line Charge Detail             | Invoice History I                       |
| idhr_hist  | Invoice History Relationship Detail            | Invoice History II                      |
| ie_mstr    | Import/Export Master                           | Intrastat                               |
| ie_mstr    | Import/Export Master                           | Intrastat II                            |

Table 3.1 — Database Table Cross-Reference — (Page 11 of 33)

| <b>Table</b> | <b>Table Description</b>            | <b>Diagram</b>                         |
|--------------|-------------------------------------|--|
| ied_det      | Import/Export Detail                | Intrastat                              |
| ied_det      | Import/Export Detail                | Intrastat II                           |
| ieh_hist     | Import/Export History               | Intrastat                              |
| ieh_hist     | Import/Export History               | Intrastat II                           |
| ifs_mstr     | Interface Session Master            | Q/LinQ I                               |
| ih_hist      | Invoice History Master              | Customer Consignment II                |
| ih_hist      | Invoice History Master              | Customers III                          |
| ih_hist      | Invoice History Master              | Financials vs Operations Replication I |
| ih_hist      | Invoice History Master              | General Ledger Daybooks                |
| ih_hist      | Invoice History Master              | Intrastat                              |
| ih_hist      | Invoice History Master              | Invoice History I                      |
| ih_hist      | Invoice History Master              | Invoice History II                     |
| ih_hist      | Invoice History Master              | Retrobilling                           |
| ih_hist      | Invoice History Master              | Sales Orders I                         |
| ih_hist      | Invoice History Master              | Sales Order IV                         |
| ih_hist      | Invoice History Master              | Salesperson II                         |
| ihr_hist     | Invoice History Relationship Master | Invoice History II                     |
| ilg_hist     | Import Document Log                 | Q/LinQ I                               |
| ilg_hist     | Import Document Log                 | Q/LinQ III                             |
| ilg_hist     | Import Document Log                 | Q/LinQ V                               |
| im_mstr      | Inventory Movement Code Master      | Legal Document                         |
| im_mstr      | Inventory Movement Code Master      | Shipping I                             |
| im_mstr      | Inventory Movement Code Master      | Shipping II                            |
| imap_det     | Import Document Map Detail          | Q/LinQ III                             |
| img_msg      | Import Document Message             | Q/LinQ III                             |
| in_mstr      | Inventory Master                    | Cost Management I                      |
| in_mstr      | Inventory Master                    | Cost Management II                     |
| in_mstr      | Inventory Master                    | Customer Consignment I                 |
| in_mstr      | Inventory Master                    | IAQ - Quality Setup                    |
| in_mstr      | Inventory Master                    | Inventory I                            |
| in_mstr      | Inventory Master                    | Inventory II                           |
| in_mstr      | Inventory Master                    | Operations Planning I                  |
| in_mstr      | Inventory Master                    | Operations Planning II                 |
| in_mstr      | Inventory Master                    | Periodic Costing                       |
| InspH        | Inspection History                  | Warehouse – Quality Inspection         |
| InspinVD     | Inspected Inventory Detail          | Warehouse – Quality Inspection         |
| InventM      | Warehouse Inventory Master          | Warehouse – Inventory Transactions     |
| ip_mstr      | Master Specification Test Results   | Item Specification                     |
| ip_mstr      | Master Specification Test Results   | Quality Management                     |
| ipd_det      | Item Specification Detail           | Item Specification                     |

Table 3.1 — Database Table Cross-Reference — (Page 12 of 33)

| Table      | Table Description                          | Diagram                                |
|------------|--|--|
| ipd_det    | Item Specification Detail                  | Product Change Control II              |
| IRAssD     | Internal Routing Assignment Detail         | Warehouse – Routings                   |
| iraw_det   | Raw Import Document Detail                 | Q/LinQ III                             |
| IRD        | Internal Routing Detail                    | Warehouse – Routings                   |
| IRM        | Internal Routing Master                    | Warehouse – Routings                   |
| iro_det    | Item Routing Cost Detail                   | Item Routing II                        |
| is_mstr    | Inventory Status Master                    | Financials vs Operations Replication I |
| is_mstr    | Inventory Status Master                    | Inventory I                            |
| isb_mstr   | Service/Support Installed Base Item Master | SSM – Call Tracking I                  |
| isb_mstr   | Service/Support Installed Base Item Master | SSM – Call Tracking III                |
| isb_mstr   | Service/Support Installed Base Item Master | SSM – Installed Base                   |
| isb_mstr   | Service/Support Installed Base Item Master | SSM – Service Contracts I              |
| isd_det    | Inventory Status Detail                    | Inventory I                            |
| isp_mstr   | Import Document Specification Master       | Q/LinQ I                               |
| isp_mstr   | Import Document Specification Master       | Q/LinQ IV                              |
| iss_mstr   | Service/Support Installed Base Structure   | SSM – Installed Base                   |
| itm_det    | Service/Support Call Item Detail           | SSM – Call Activity Recording          |
| itm_det    | Service/Support Call Item Detail           | SSM – Call Invoice Recording           |
| itm_det    | Service/Support Call Item Detail           | SSM – Call Tracking III                |
| itm_det    | Service/Support Call Item Detail           | SSM – Depot Orders                     |
| its_mstr   | Item Site Load Master                      | Operations Planning I                  |
| itsd_det   | Item Site Load Detail                      | Operations Planning I                  |
| Journal    | Daybook                                    | General Ledger Daybooks                |
| kbc_ctrl   | Kanban Control                             | Kanban I                               |
| kbd_t_mstr | Kanban Template Master                     | Kanban I                               |
| kbtr_hist  | Kanban Transaction History                 | Kanban III                             |
| kbtr_hist  | Kanban Transaction History                 | Kanban IV                              |
| kbtrd_det  | Kanban Transaction History Detail          | Kanban III                             |
| kbtrr_det  | Kanban Transaction Reject Detail           | Kanban III                             |
| knb_mstr   | Kanban Master                              | Kanban I                               |
| knb_mstr   | Kanban Master                              | Kanban II                              |
| knbcd_det  | Kanban Card Dispatch Detail                | Kanban IV                              |
| knbd_det   | Kanban Card Detail                         | Kanban I                               |
| knbd_det   | Kanban Card Detail                         | Kanban III                             |
| knbd_det   | Kanban Card Detail                         | Kanban IV                              |
| knbfd_det  | Kanban FIFO Detail                         | Kanban II                              |
| knbi_mstr  | Kanban Item Master                         | Kanban I                               |
| knbi_mstr  | Kanban Item Master                         | Kanban II                              |
| knbism_det | Kanban Item Supermarket Detail             | Kanban I                               |
| knbl_det   | Kanban Loop Detail                         | Kanban I                               |

Table 3.1 — Database Table Cross-Reference — (Page 13 of 33)

| Table      | Table Description                       | Diagram                             |
|------------|---|-------------------------------------|
| knble_det  | Kanban Loop Detail Event                | Kanban I                            |
| knbrs_mstr | Kanban Dispatch Release Schedule        | Kanban IV                           |
| knbs_det   | Kanban Source Detail                    | Kanban I                            |
| knbs_det   | Kanban Source Detail                    | Kanban II                           |
| knbsm_mstr | Kanban Supermarket Master               | Kanban II                           |
| knbsm_mstr | Kanban Supermarket Master               | Kanban IV                           |
| knp_mstr   | Kanban Process Master                   | Kanban II                           |
| knp_mstr   | Kanban Process Master                   | Kanban IV                           |
| knpd_det   | Kanban Item Process Master              | Kanban II                           |
| lacd_det   | Logistics Accounting Charge Detail      | DRP I                               |
| lacd_det   | Logistics Accounting Charge Detail      | Purchasing I                        |
| lacd_det   | Logistics Accounting Charge Detail      | Purchasing III                      |
| lacd_det   | Logistics Accounting Charge Detail      | Sales Orders II                     |
| lad_det    | Location Allocation Detail              | Inventory II                        |
| lad_det    | Location Allocation Detail              | Sales Orders II                     |
| lad_det    | Location Allocation Detail              | Warehouse – Inventory Transactions  |
| lbl_mstr   | Label Master                            | GTM Tax Master Data                 |
| lc_mstr    | Logistics Accounting Charge Code Master | Purchasing I                        |
| lad_det    | Location Allocation Detail              | Work Orders                         |
| LaneAssD   | Lane Assignment Detail                  | Warehouse – Wave Planning I         |
| LaneAssM   | Lane Assignment Master                  | Warehouse – Wave Planning I         |
| LaneGroupD | Lane Group Detail                       | Warehouse – Wave Planning I         |
| LaneGroupM | Lane Group Master                       | Warehouse – Wave Planning I         |
| LaneM      | Warehousing Location Master             | Warehouse – Wave Planning I         |
| ld_det     | Location Detail                         | Customer Consignment I              |
| ld_det     | Location Detail                         | Inventory I                         |
| ld_det     | Location Detail                         | Inventory II                        |
| ld_det     | Location Detail                         | Quality Orders                      |
| ld_det     | Location Detail                         | Serialization - Transaction Data    |
| ld_det     | Location Detail                         | Warehouse – Batch Picking           |
| ld_det     | Location Detail                         | Warehouse – Bulk Picking            |
| ld_det     | Location Detail                         | Warehouse – Inventory Transactions  |
| ld_det     | Location Detail                         | Warehouse – Quality Inspection      |
| lgdd_det   | Legal Document Detail                   | Legal Document                      |
| lgd_mstr   | Legal Document Master                   | Legal Document                      |
| lm_mstr    | Level Match Control                     | Serialization - Setup               |
| lm_mstr    | Level Match Control                     | Serialization - Transaction History |
| lmh_hist   | Level Match History                     | Serialization - Transaction History |
| ln_mstr    | Line Master                             | Flow Scheduling                     |
| ln_mstr    | Line Master                             | MSW/PSW                             |

Table 3.1 — Database Table Cross-Reference — (Page 14 of 33)

| Table       | Table Description                 | Diagram                                 |
|-------------|-----------------------------------|---|
| In_mstr     | Line Master                       | Repetitive Schedule                     |
| In_mstr     | Production Line Master            | Serialization - Transaction Data        |
| Ina_det     | Production Line Allocation Detail | MSW/PSW                                 |
| Ina_det     | Production Line Allocation Detail | Repetitive Schedule                     |
| Ind_det     | Production Line Detail            | MSW/PSW                                 |
| Ind_det     | Production Line Detail            | Repetitive Schedule                     |
| Inf_det     | Flow Production Line Item Detail  | Flow Scheduling                         |
| Lng         | Language                          | Financials vs Operations Replication II |
| Ing_mstr    | Language Master                   | Financials vs Operations Replication II |
| lngd_mstr   | Language Detail Master            | Blocking Transaction                    |
| loadD       | Warehousing Load Detail           | Warehouse – Wave Transportation I       |
| loadD       | Warehousing Load Detail           | Warehouse – Wave Transportation II      |
| LoadM       | Warehousing Load Master           | Warehouse – Wave Transportation I       |
| LoadM       | Warehousing Load Master           | Warehouse – Wave Transportation II      |
| LoadMasterM | Warehousing Load Master Master    | Warehouse – Wave Transportation I       |
| LoadMasterM | Warehousing Load Master Master    | Warehouse – Wave Transportation II      |
| loc_mstr    | Location Master                   | Addresses                               |
| loc_mstr    | Location Master                   | Inventory I                             |
| loc_mstr    | Location Master                   | Product Line I                          |
| loc_mstr    | Location Master                   | Serialization - Transaction Data        |
| loc_mstr    | Location Master                   | SSM – RMA II                            |
| loc_mstr    | Location Master                   | Warehouse – Warehouses                  |
| locc_det    | Reserved Locations Detail         | Inventory I                             |
| LocM        | Warehousing Location Master       | Warehouse – Replenishment               |
| ls_mstr     | Address List Detail               | Addresses                               |
| ls_mstr     | Address List Detail               | Customer Consignment I                  |
| ls_mstr     | Address List Detail               | Customers IV                            |
| ls_mstr     | Address List Detail               | GTM Address Master Data                 |
| ls_mstr     | Address List Detail               | GTM Customer Master Data                |
| ls_mstr     | Address List Detail               | GTM Supplier Master Data                |
| ls_mstr     | Address List Detail               | Salesperson I                           |
| ls_mstr     | Address List Detail               | Shipment Performance III                |
| ls_mstr     | Address List Detail               | Supplier Consignment I                  |
| ls_mstr     | Address List Detail               | Vendors (Suppliers)                     |
| MessageD    | Warehousing Message Detail        | Warehouse – Messaging                   |
| MessageM    | Warehousing Message Master        | Warehouse – Messaging                   |
| mp_mstr     | Master Specification              | Item Specification                      |
| mpd_det     | Master Specification Detail       | Item Specification                      |
| mph_hist    | Master Specification Test History | Item Specification                      |
| mph_hist    | Master Specification Test History | Quality Orders                          |

Table 3.1 — Database Table Cross-Reference — (Page 15 of 33)

| Table                  | Table Description                          | Diagram                                 |
|------------------------|--|---|
| mrp_det                | Material Requirements Planning Detail      | Forecasting/Planning                    |
| mrp_det                | Material Requirements Planning Detail      | MRP I                                   |
| mrp_det                | Material Requirements Planning Detail      | MRP II                                  |
| msg_mstr               | Message Master                             | Configured Messages                     |
| nr_mstr                | Number Range Master                        | Financials vs Operations Replication II |
| nr_mstr                | Number Range Master                        | Number Range Management                 |
| nr_mstr                | Number Range Master                        | Serialization - Setup                   |
| nr_mstr                | Number Range Master                        | Shipping I                              |
| nrh_hist               | Number Range History                       | Number Range Management                 |
| oa_det                 | Action Message Detail                      | MRP II                                  |
| ocm_mstr               | Service/Support On Call Master             | SSM – Engineers I                       |
| op_hist                | Operation Transaction History              | Kanban III                              |
| op_hist                | Operation Transaction History              | WIP Lot Trace I                         |
| op_hist                | Operation Transaction History              | Work Orders                             |
| opgl_det               | Shop Floor Operation General Ledger Detail | Financials vs Operations Replication II |
| opgl_det               | Shop Floor Operation General Ledger Detail | Work Orders                             |
| opm_mstr               | Standard Operation Master                  | Routing Standards                       |
| OrderD                 | Warehouse Order Detail                     | Warehouse – Bulk Picking                |
| OrderD                 | Warehouse Order Detail                     | Warehouse – – Orders                    |
| OrderD                 | Warehouse Order Detail                     | Warehouse – Wave Planning II            |
| OrderD                 | Warehouse Order Detail                     | Warehouse – Wave Transportation I       |
| OrderM                 | Warehouse Order Master                     | Warehouse – Orders                      |
| OrderM                 | Warehouse Order Master                     | Warehouse – Wave Planning II            |
| OrderSelM              | Warehousing Order Batch Selection Master   | Warehouse – Wave Transportation I       |
| OrderSelD              | Warehousing Order Batch Selection Detail   | Warehouse – Wave Transportation I       |
| PartSLGM               | Item/Storage Location Group Master         | Warehouse – Items                       |
| PartWhseM              | Part/Warehouse Master                      | Warehouse – Items                       |
| PartWhseM              | Part/Warehouse Master                      | Warehouse – Replenishment               |
| PaymentCondition       | Credit Terms                               | Financials vs Operations Replication II |
| PaymentConditionStaged | Staged Payment                             | Financials vs Operations Replication II |
| pc_mstr                | Price List Master                          | Customers I                             |
| pc_mstr                | Price List Master                          | SSM – RMA II                            |
| pckc_mstr              | Pack Code Master                           | Serialization - Packaging Structure     |
| pckc_mstr              | Pack Code Master                           | Serialization - Setup                   |
| pckc_mstr              | Pack Code Master                           | Serialization - Shipping History        |
| pckc_mstr              | Pack Code Master                           | Serialization - Transaction Data        |
| pchl_mstr              | Product Change Control Group Master        | Product Change Control I                |
| pchld_det              | Product Change Control Group Detail        | Product Change Control I                |
| pcpl_mstr              | Generic Item Master Table                  | Item Planning                           |
| pcpt_mstr              | Variant Planning Item Maintenance Table    | Item Planning                           |

Table 3.1 — Database Table Cross-Reference — (Page 16 of 33)

| Table      | Table Description                  | Diagram                                 |
|------------|------------------------------------|---|
| pcregistry | Configurator Registry Table        | Configurator – PC Registry              |
| pct_mstr   | Product Change Control Type Master | Product Change Control I                |
| Period     | GL Period                          | Financials vs Operations Replication II |
| pfcdet     | Production Forecast Detail         | Forecasting/Planning                    |
| pgghist    | Service/Support Paging History     | SSM – Call Tracking IV                  |
| plmstr     | Price List Master                  | Pricing                                 |
| pldet      | Price List Detail                  | Pricing                                 |
| plhist     | Pricing History                    | Pricing                                 |
| plmstr     | Project Master                     | Financials vs Operations Replication II |
| plmstr     | Product Line Master                | Customers I                             |
| plmstr     | Product Line Master                | Forecasting/Planning                    |
| plmstr     | Product Line Master                | Product Line I                          |
| plmstr     | Product Line Master                | Product Line II                         |
| plmstr     | Product Line Master                | Resource Plan                           |
| plmstr     | Product Line Master                | Sales Analysis                          |
| pldet      | Product Line Detail                | Product Line I                          |
| plsdet     | Product Line Sales Detail          | Product Line I                          |
| pltdet     | Product Line Tax Detail            | Product Line II                         |
| po_mstr    | Purchase Order Master              | Accounts Payable I                      |
| po_mstr    | Purchase Order Master              | EMT – Primary Business Unit             |
| po_mstr    | Purchase Order Master              | Global Requisition System               |
| po_mstr    | Purchase Order Master              | GTM Transactions                        |
| po_mstr    | Pending Voucher Master             | Intrastat                               |
| po_mstr    | Purchase Order Master              | Kanban IV                               |
| po_mstr    | Purchase Order Master              | Purchasing I                            |
| po_mstr    | Purchase Order Master              | Purchasing II                           |
| po_mstr    | Purchase Order Master              | Purchasing III                          |
| po_mstr    | Purchase Order Master              | Supplier Consignment I                  |
| po_mstr    | Purchase Order Master              | Supplier Consignment II                 |
| po_mstr    | Purchase Order Master              | Supplier Shipping Schedules             |
| po_mstr    | Purchase Order Master              | Vendors (Suppliers)                     |
| po_mstr    | Purchase Order Master              | Warehouse – Orders                      |
| poa_mstr   | Purchase Order Allocation Master   | Subcontract Shipping                    |
| poadet     | Purchase Order Allocation Detail   | Subcontract Shipping                    |
| poddet     | Purchase Order Detail              | EMT – Primary Business Unit             |
| poddet     | Purchase Order Detail              | Global Requisition System               |
| poddet     | Purchase Order Detail              | GTM Transactions                        |
| poddet     | Purchase Order Detail              | IAQ - Quality Orders                    |
| poddet     | Purchase Order Detail              | Intrastat                               |
| poddet     | Purchase Order Detail              | MRP II                                  |

Table 3.1 — Database Table Cross-Reference — (Page 17 of 33)

| Table    | Table Description                    | Diagram                                 |
|----------|--------------------------------------|---|
| pod_det  | Purchase Order Detail                | Kanban IV                               |
| pod_det  | Purchase Order Detail                | Purchasing II                           |
| pod_det  | Purchase Order Detail                | Purchasing III                          |
| pod_det  | Purchase Order Detail                | Release Management                      |
| pod_det  | Purchase Order Detail                | Serialization - Shipping History        |
| pod_det  | Purchase Order Detail                | Serialization - Transaction Data        |
| pod_det  | Purchase Order Detail                | Supplier Consignment I                  |
| pod_det  | Purchase Order Detail                | Supplier Consignment II                 |
| pod_det  | Purchase Order Detail                | Supplier Shipping Schedules             |
| pod_det  | Purchase Order Detail                | Warehouse – Orders                      |
| Posting  | Posting                              | Financials vs Operations Replication II |
| pp_plan  | Product Line Plan                    | Forecasting/Planning                    |
| pq_mstr  | Product Line Requirements Master     | Resource Plan                           |
| prh_hist | Purchase Order Receipt History       | Purchasing II                           |
| prh_hist | Purchase Order Receipt History       | Purchasing III                          |
| prh_hist | Purchase Order Receipt History       | Supplier Consignment I                  |
| Profile  | Profile                              | Financials vs Operations Replication II |
| Project  | Project                              | Financials vs Operations Replication II |
| prs_mstr | Production Scheduler Resource Master | MSW/PSW                                 |
| prsd_det | Production Scheduler Resource Detail | MSW/PSW                                 |
| ps_mstr  | Product Structure Master             | Inventory III                           |
| ps_mstr  | Product Structure Master             | Product Change Control II               |
| ps_mstr  | Product Structure Master             | Product Structure                       |
| ps_mstr  | Product Structure Master             | WIP Lot Trace II                        |
| pt_mstr  | Item Master                          | Container and Line Charges I            |
| pt_mstr  | Item Master                          | Container and Line Charges II           |
| pt_mstr  | Item Master                          | Cost Management I                       |
| pt_mstr  | Item Master                          | Customer Consignment I                  |
| pt_mstr  | Item Master                          | Customer Consignment II                 |
| pt_mstr  | Item Master                          | Customers I                             |
| pt_mstr  | Item Master                          | DRP I                                   |
| pt_mstr  | Item Master                          | Flow Scheduling                         |
| pt_mstr  | Item Master                          | Forecasting/Planning                    |
| pt_mstr  | Item Master                          | IAQ - Quality Setup                     |
| pt_mstr  | Item Master                          | Inventory I                             |
| pt_mstr  | Item Master                          | Inventory III                           |
| pt_mstr  | Item Master                          | Item Routing I                          |
| pt_mstr  | Item Master                          | Item Routing II                         |
| pt_mstr  | Item Master                          | Kanban I                                |
| pt_mstr  | Item Master                          | Item Specification                      |

Table 3.1 — Database Table Cross-Reference — (Page 18 of 33)

| <b>Table</b> | <b>Table Description</b> | <b>Diagram</b>                      |
|--------------|--------------------------|-------------------------------------|
| pt_mstr      | Item Master              | MSW/PSW                             |
| pt_mstr      | Item Master              | Operations Planning I               |
| pt_mstr      | Item Master              | Product Change Control II           |
| pt_mstr      | Item Master              | Product Line I                      |
| pt_mstr      | Item Master              | Product Line II                     |
| pt_mstr      | Item Master              | Product Structure                   |
| pt_mstr      | Item Master              | Purchasing II                       |
| pt_mstr      | Item Master              | Q/LinQ V                            |
| pt_mstr      | Item Master              | Quality Management                  |
| pt_mstr      | Item Master              | Quality Orders                      |
| pt_mstr      | Item Master              | Repetitive Schedule                 |
| pt_mstr      | Item Master              | Resource Plan                       |
| pt_mstr      | Item Master              | Sales Analysis                      |
| pt_mstr      | Item Master              | Sales Orders II                     |
| pt_mstr      | Item Master              | Sales Quotations II                 |
| pt_mstr      | Item Master              | Serialization - Packaging Structure |
| pt_mstr      | Item Master              | Serialization - Setup               |
| pt_mstr      | Item Master              | Serialization - Shipping History    |
| pt_mstr      | Item Master              | Serialization - Transaction Data    |
| pt_mstr      | Item Master              | Shipment Performance III            |
| pt_mstr      | Item Master              | SSM – Installed Base                |
| pt_mstr      | Item Master              | Supplier Consignment I              |
| pt_mstr      | Item Master              | Supplier Consignment II             |
| pt_mstr      | Item Master              | Vendors (Suppliers)                 |
| pt_mstr      | Item Master              | WIP Lot Trace I                     |
| pt_mstr      | Item Master              | Work Orders                         |
| pt_mstr      | Item Master              | Warehouse – Items                   |
| pt_mstr      | Item Master              | Warehouse – Sizing                  |
| ptat_ctrl    | Item Attribute Control   | IAQ - Item Attribute Profiles       |
| ptc_det      | Container Item Detail    | Container and Line Charges I        |
| ptc_det      | Container Item Detail    | Container and Line Charges II       |
| ptc_det      | Container Item Detail    | Container and Line Charges III      |
| ptc_det      | Container Item Detail    | Item Routing I                      |
| pth_hist     | Products Sales History   | Sales Analysis                      |
| pti_det      | Item Inventory Detail    | Inventory I                         |
| pti_det      | Item Inventory Detail    | Warehouse – Items                   |
| ptp_det      | Item Planning Detail     | Item Routing I                      |
| ptp_det      | Item Planning Detail     | Product Line I                      |
| ptpac_det    | Item Packaging Detail    | Serialization - Packaging Structure |
| ptre_det     | Item Replacement Detail  | Inventory III                       |

Table 3.1 — Database Table Cross-Reference — (Page 19 of 33)

| Table       | Table Description                         | Diagram                       |
|-------------|---|-------------------------------|
| ptr_det     | Item Routing Detail                       | Item Routing I                |
| pts_det     | Item Substitute Detail                    | Product Structure             |
| ptt_det     | Item Tax Detail                           | Product Line II               |
| pvo_mstr    | Pending Voucher Master                    | DRP I                         |
| pvo_mstr    | Pending Voucher Master                    | Intrastat                     |
| pvo_mstr    | Pending Voucher Master                    | Purchasing III                |
| pvo_mstr    | Pending Voucher Master                    | Sales Order II                |
| pvo_mstr    | Pending Voucher Master                    | Shipping I                    |
| pvo_mstr    | Pending Voucher Master                    | Supplier Consignment II       |
| pvod_det    | Pending Voucher Detail                    | DRP I                         |
| pvod_det    | Pending Voucher Detail                    | Purchasing III                |
| pvod_det    | Pending Voucher Detail                    | Sales Order II                |
| pvod_det    | Pending Voucher Detail                    | Shipping I                    |
| qad_wkfl    | QAD Work Table                            | Retrobilling                  |
| qad_wkfl    | QAD Work Table                            | Supplier Shipping Schedules   |
| qc_mstr     | Quality Control Order Master              | Quality Orders                |
| qcd_det     | Quality Control Order Detail              | Quality Orders                |
| qcs_mstr    | Quality Sampling Pattern Master           | Quality Management            |
| ql_mstr     | Quality Master                            | IAQ - Certificate of Analysis |
| ql_mstr     | Quality Master                            | IAQ - Quality Orders          |
| qlc_ctrl    | Quality Control                           | IAQ - Quality Setup           |
| qlcoa_mstr  | Certificate of Analysis                   | IAQ - Certificate of Analysis |
| qlcoac_ctrl | Certificate of Analysis Control File      | IAQ - Certificate of Analysis |
| qlcoad_det  | Certificate of Analysis Attributes        | IAQ - Certificate of Analysis |
| qlpfdv_det  | Profile Detail Value                      | IAQ - Quality Orders          |
| qlt_mstr    | Quality Test                              | IAQ - Quality Setup           |
| qltd_det    | Test Revision Detail                      | IAQ - Quality Setup           |
| qltr_det    | Test Result                               | IAQ - Quality Orders          |
| qlts_det    | Test Revision Sample Detail               | IAQ - Quality Setup           |
| qltx_ref    | Item Test Link                            | IAQ - Quality Setup           |
| qlwr_route  | Work Order Routing Link                   | IAQ - Quality Orders          |
| qo_mstr     | Sales Quotation Master                    | Customers III                 |
| qo_mstr     | Sales Quotation Master                    | Freight Charges I             |
| qo_mstr     | Sales Quotation Master                    | General Ledger Daybooks       |
| qo_mstr     | Sales Quotation Master                    | GTM Suspended Tax             |
| qo_mstr     | Sales Quotation Master                    | GTM Transactions              |
| qo_mstr     | Sales Quotation Master                    | Sales Quotations I            |
| qo_mstr     | Sales Quotation Master                    | Sales Quotations II           |
| qo_mstr     | Sales Quotation Master                    | Salesperson II                |
| qob_det     | Sales Quotation Configuration Bill Detail | Sales Quotations II           |

Table 3.1 — Database Table Cross-Reference — (Page 20 of 33)

| Table        | Table Description                                    | Diagram                                 |
|--------------|--|---|
| qod_det      | Sales Quotation Detail                               | SOD/QOD Assignment Rule Cache           |
| qod_det      | Sales Quotation Detail                               | Freight Charges I                       |
| qod_det      | Sales Quotation Detail                               | Sales Quotations II                     |
| qoddet_cache | MFG/PRO sqd_det Cache Table in Configurator Database | SOD/QOD Assignment Rule Cache           |
| qodr_det     | Sales Quotation Relationship Detail                  | Sales Quotations II                     |
| qor_mstr     | Sales Quotation Relationship Master                  | Sales Quotations II                     |
| qps_det      | Quality Test Bill Detail                             | Quality Management                      |
| qr_test      | Quality Order Test Steps                             | Quality Orders                          |
| qro_det      | Quality Inspection Routing Detail                    | Quality Management                      |
| rbi_det      | Retrobill Invoice Detail                             | Retrobilling                            |
| rbm_mstr     | Retrobill Master                                     | Retrobilling                            |
| RelStatM     | Release Status Master                                | Warehouse – Quality Inspection          |
| rcc_mstr     | Customer Sequence Schedule Master                    | Customer Sequenced Schedules            |
| rcc_mstr     | Customer Schedule Master                             | Customer Sequenced Schedules            |
| rccd_det     | Customer Sequence Schedule Detail                    | Customer Sequenced Schedules            |
| rccsx_ref    | Customer Sequence Schedule Cross-Reference           | Customer Sequenced Schedules            |
| reg_mstr     | Service/Support Region Master                        | SSM – Call Tracking II                  |
| reg_mstr     | Service/Support Region Master                        | SSM – Engineers I                       |
| reg_mstr     | Service/Support Region Master                        | SSM – Installed Base                    |
| RepListD     | Replenishment List Detail                            | Warehouse – Replenishment               |
| RepListM     | Replenishment List Master                            | Warehouse – Replenishment               |
| RepLocM      | Replenishment Location Master                        | Warehouse – Replenishment               |
| RepSLGM      | Replenishment SLG Master                             | Warehouse – Replenishment               |
| req_det      | Requisition Detail                                   | MRP II                                  |
| req_det      | Requisition Detail                                   | Purchasing II                           |
| RGD          | Release Group Detail                                 | Warehouse – Wave Planning II            |
| RDM          | Release Group Master                                 | Warehouse – Wave Planning II            |
| rma_mstr     | Return Material Authorization Master                 | Customers III                           |
| rma_mstr     | Return Material Authorization Master                 | SSM – Call Tracking IV                  |
| rma_mstr     | Return Material Authorization Master                 | SSM – RMA I                             |
| rma_mstr     | Return Material Authorization Master                 | SSM – RMA II                            |
| rma_mstr     | Return Material Authorization Master                 | Vendors (Suppliers)                     |
| rmd_det      | Return Material Authorization Detail                 | SSM – RMA I                             |
| rnd_mstr     | Rounding Method Master                               | Financials vs Operations Replication II |
| ro_det       | Routing Operation Detail                             | Cost Management II                      |
| ro_det       | Routing Operation Detail                             | IAQ - Quality Setup                     |
| ro_det       | Routing Operation Detail                             | Item Routing I                          |
| ro_det       | Routing Operation Detail                             | Item Routing II                         |
| ro_det       | Routing Operation Detail                             | Item Specification                      |
| ro_det       | Routing Operation Detail                             | Kanban II                               |

Table 3.1 — Database Table Cross-Reference — (Page 21 of 33)

| Table          | Table Description                                   | Diagram                                 |
|----------------|---|---|
| ro_det         | Routing Operation Detail                            | Periodic Costing                        |
| ro_det         | Routing Operation Detail                            | Product Change Control II               |
| ro_det         | Routing Operation Detail                            | Routing Standards                       |
| ro_det         | Routing Operation Detail                            | WIP Lot Trace II                        |
| Role           | Role  | Posting                                 |
| Role           | Role  | Financials vs Operations Replication II |
| Role           | Role  | TPM Deductions I                        |
| RoundingMethod | Rounding Method                                     | Financials vs Operations Replication II |
| rps_mstr       | Repetitive Production Schedule Master               | MRP I                                   |
| rps_mstr       | Repetitive Production Schedule Master               | MSW/PSW                                 |
| rps_mstr       | Repetitive Production Schedule Master               | Repetitive Schedule                     |
| rq_mstr        | Requirement Master                                  | Operations Planning I                   |
| rq_mstr        | Requirement Master                                  | Resource Plan                           |
| rqa_mstr       | Requisition Approver Master                         | Global Requisition System               |
| rqc_mstr       | Requisition Category Master                         | Global Requisition System               |
| rqcd_det       | Requisition Category Detail                         | Global Requisition System               |
| rqd_det        | Requisition Detail                                  | Global Requisition System               |
| rqda_det       | Requisition Approval Detail                         | Global Requisition System               |
| rqh_hist       | Requisition History                                 | Global Requisition System               |
| rqj_mstr       | Requisition Job Master                              | Global Requisition System               |
| rqj_mstr       | Requisition Approval Level Master                   | Global Requisition System               |
| rqm_det        | Requirement Detail                                  | Customer Scheduled Orders               |
| rqm_mstr       | Requisition Master                                  | Global Requisition System               |
| rsn_ref        | Reason Code Master                                  | Sales Order IV                          |
| rqpo_ref       | Requisition/PO Cross-Reference                      | Global Requisition System               |
| rs_mstr        | Resource Master                                     | Operations Planning I                   |
| rs_mstr        | Resource Master                                     | Resource Plan                           |
| rsd_det        | Resource Requirements Detail                        | Resource Plan                           |
| rsn_ref        | Reason Code Master                                  | Shipment Performance I                  |
| rsn_ref        | Reason Code Master                                  | Shipment Performance II                 |
| rst_mstr       | Product Change Control Routing Slip Template Master | Product Change Control I                |
| rstd_det       | Product Change Control Routing Slip Template Detail | Product Change Control I                |
| rsu_mstr       | Product Change Control Routing Slip Master          | Product Change Control I                |
| rsud_det       | Product Change Control Routing Slip Detail          | Product Change Control I                |
| sa_mstr        | Service Contract Master                             | General Ledger Daybooks                 |
| sa_mstr        | Service Contract Master                             | Salesperson I                           |
| sa_mstr        | Service Contract Master                             | SSM – Call Tracking I                   |
| sa_mstr        | Service Contract Master                             | SSM – Coverage Limits I                 |
| sa_mstr        | Service Contract Master                             | SSM – Coverage Limits I                 |

Table 3.1 — Database Table Cross-Reference — (Page 22 of 33)

| Table    | Table Description                              | Diagram                        |
|----------|--|--------------------------------|
| sa_mstr  | Service Contract Master                        | SSM – Coverage Limits II       |
| sa_mstr  | Service Contract Master                        | SSM – Coverage Limits II       |
| sa_mstr  | Service Contract Master                        | SSM – RMA I                    |
| sa_mstr  | Service Contract Master                        | SSM – Service Contracts II     |
| sa_mstr  | Service Contract Master                        | SSM – Service Contracts II     |
| sa_mstr  | Service Contract Master                        | SSM – Service Contracts III    |
| sad_det  | Service Contract Detail                        | SSM – Call Tracking I          |
| sad_det  | Service Contract Detail                        | SSM – Coverage Limits I        |
| sad_det  | Service Contract Detail                        | SSM – Coverage Limits I        |
| sad_det  | Service Contract Detail                        | SSM – Coverage Limits II       |
| sad_det  | Service Contract Detail                        | SSM – Coverage Limits II       |
| sad_det  | Service Contract Detail                        | SSM – Coverage Limits II       |
| sad_det  | Service Contract Detail                        | SSM – Coverage Limits II       |
| sad_det  | Service Contract Detail                        | SSM – Coverage Limits II       |
| sad_det  | Service Contract Detail                        | SSM – Coverage Limits II       |
| sad_det  | Service Contract Detail                        | SSM – Service Contracts I      |
| sad_det  | Service Contract Detail                        | SSM – Service Contracts III    |
| sal_mstr | Service/Support Contract Limits Master         | SSM – Coverage Limits I        |
| sal_mstr | Service/Support Contract Limits Master         | SSM – Coverage Limits II       |
| sap_det  | Service Contract Preventive Maintenance Detail | SSM – Service Contracts I      |
| sar_mstr | Service Contract Serial Number Master          | SSM – Service Contracts I      |
| sb_mstr  | Sub-Account Master                             | Shipping II                    |
| sbc_mstr | Service/Support Billing Cycle Master           | SSM – Service Contracts II     |
| sbid_det | Self Bill Detail                               | Container and Line Charges III |
| sc_mstr  | Cost Simulation Master                         | Cost Management I              |
| sc_mstr  | Cost Simulation Master                         | Cost Management II             |
| sc_mstr  | Cost Simulation Master                         | Periodic Costing               |
| sca_mstr | Service Contract Additional Charge Master      | SSM – Service Contracts II     |
| scc_mstr | Customer/Ship-To Shipment Controls Master      | Shipment Performance III       |
| sch_mstr | Release Management Schedule Master             | Customer Scheduled Orders      |
| sch_mstr | Release Management Schedule Master             | MRP I                          |
| sch_mstr | Release Management Schedule Master             | Release Management             |
| sch_mstr | Release Management Schedule Master             | Shipment Performance I         |
| schd_det | Release Management Schedule Detail             | Customer Scheduled Orders      |
| schd_det | Release Management Schedule Detail             | Release Management             |
| schd_det | Release Management Schedule Detail             | Shipment Performance I         |
| sct_det  | Cost Simulation Total Detail                   | Cost Management I              |
| sct_det  | Cost Simulation Total Detail                   | Cost Management II             |
| sct_det  | Cost Simulation Total Detail                   | Periodic Costing               |
| sctx_ref | Scheduled Order Cross-Reference                | Retrobilling                   |

Table 3.1 — Database Table Cross-Reference — (Page 23 of 33)

| Table        | Table Description                                 | Diagram                             |
|--------------|---|-------------------------------------|
| sdt_mstr     | Shipping Delivery Time Master                     | Supplier Shipping Schedules         |
| sdt_d_det    | Shipping Delivery Time Detail                     | Supplier Shipping Schedules         |
| seq_mstr     | Production Line Schedule Sequence Master          | MSW/PSW                             |
| seq_mstr     | Production Line Schedule Sequence Master          | Repetitive Schedule                 |
| ser_mstr     | Serial Master                                     | Serialization - Transaction Data    |
| serc_ctrl    | Serialization Control                             | Serialization - Setup               |
| serd_det     | Serialization Reserving/Booking Detail            | Serialization - Transaction Data    |
| serh_hist    | Serial History                                    | Serialization - Transaction History |
| sfb_det      | Service/Support Billing Detail                    | SSM – Call Invoice Recording        |
| sg_mstr      | Shipping Group Master                             | Shipping II                         |
| sgad_det     | Shipping Group Address Detail                     | Shipping II                         |
| sgcd_det     | Shipping Group Carrier Detail                     | Shipping II                         |
| sgid_det     | Shipping Group and Inventory Movement Code Detail | Legal Document                      |
| sgid_det     | Shipping Group and Inventory Movement Code Detail | Shipping I                          |
| sgid_det     | Shipping Group and Inventory Movement Code Detail | Shipping II                         |
| shd_det      | Shipping Schedule Detail                          | DRP II                              |
| shft_det     | Shift Detail                                      | Routing Standards                   |
| shm_mstr     | Shipping Schedule Master                          | DRP II                              |
| shop_cal     | Shop Calendar                                     | Kanban II                           |
| shop_cal     | Shop Calendar                                     | Routing Standards                   |
| shp_hist     | Shipment Performance History                      | Shipment Performance I              |
| shp_hist     | Shipment Performance History                      | Shipment Performance II             |
| shpd_hist    | Shipment Performance Detail History               | Shipment Performance I              |
| shpd_hist    | Shipment Performance Detail History               | Shipment Performance II             |
| shph_hist    | Shipping History                                  | Serialization - Shipping History    |
| shpordh_hist | Shipping Order - Serial Order History             | Serialization - Shipping History    |
| shpserh_hist | Shipping Serial History                           | Serialization - Shipping History    |
| si_mstr      | Site Master                                       | Container and Line Charges I        |
| si_mstr      | Site Master                                       | Cost Management I                   |
| si_mstr      | Site Master                                       | Customers V                         |
| si_mstr      | Site Master                                       | DRP I                               |
| si_mstr      | Site Master                                       | DRP II                              |
| si_mstr      | Site Master                                       | Forecasting/Planning                |
| si_mstr      | Site Master                                       | Freight Charges II                  |
| si_mstr      | Site Master                                       | General Ledger Daybooks             |
| si_mstr      | Site Master                                       | Inventory I                         |
| si_mstr      | Site Master                                       | Item Routing I                      |
| si_mstr      | Site Master                                       | Item Routing II                     |

Table 3.1 — Database Table Cross-Reference — (Page 24 of 33)

| Table    | Table Description                             | Diagram                             |
|----------|---|-------------------------------------|
| si_mstr  | Site Master                                   | Inventory IV                        |
| si_mstr  | Site Master                                   | MSW/PSW                             |
| si_mstr  | Site Master                                   | Operations Planning I               |
| si_mstr  | Site Master                                   | Product Line I                      |
| si_mstr  | Site Master                                   | Quality Orders                      |
| si_mstr  | Site Master                                   | Repetitive Schedule                 |
| si_mstr  | Site Master                                   | Resource Plan                       |
| si_mstr  | Site Master                                   | Routing Standards                   |
| si_mstr  | Site Master                                   | Sales Analysis                      |
| si_mstr  | Site Master                                   | Serialization - Packaging Structure |
| si_mstr  | Site Master                                   | Serialization - Setup               |
| si_mstr  | Site Master                                   | Shipment Performance III            |
| si_mstr  | Site Master                                   | Shipping I                          |
| si_mstr  | Site Master                                   | SSM – Engineers II                  |
| si_mstr  | Site Master                                   | SSM – RMA I                         |
| si_mstr  | Site Master                                   | SSM – Service Contracts II          |
| si_site  | Site Master                                   | Warehouse – Items                   |
| si_site  | Site Master                                   | Warehouse – Warehouses              |
| sim_det  | Inventory Movement Site Detail                | Shipping I                          |
| SLGListD | Storage Location Group Detail                 | Warehouse – Locations               |
| SLGListM | Storage Location Group Master                 | Warehouse – Locations               |
| SLGM     | Storage Location Group Master                 | Warehouse – Items                   |
| SLGM     | Storage Location Group Master                 | Warehouse – Locations               |
| SLGM     | Storage Location Group Master                 | Warehouse – Replenishment           |
| SLGUMD   | Storage Location Group/Unit of Measure Detail | Warehouse – Locations               |
| slr_mstr | Site Linking Rules Master                     | Cost Management I                   |
| slrd_det | Site Linking Rules Detail                     | Warehouse – Locations               |
| so_mstr  | Sales Order Master                            | Accounts Receivable I               |
| so_mstr  | Sales Order Master                            | Container and Line Charges II       |
| so_mstr  | Sales Order Master                            | Container and Line Charges III      |
| so_mstr  | Sales Order Master                            | Customer Consignment I              |
| so_mstr  | Sales Order Master                            | Customer Consignment II             |
| so_mstr  | Sales Order Master                            | Customer Scheduled Orders           |
| so_mstr  | Sales Order Master                            | Customer Sequenced Schedules        |
| so_mstr  | Sales Order Master                            | Customers III                       |
| so_mstr  | Sales Order Master                            | EMT – Primary Business Unit         |
| so_mstr  | Sales Order Master                            | Freight Charges I                   |
| so_mstr  | Sales Order Master                            | General Ledger Daybooks             |
| so_mstr  | Sales Order Master                            | GTM Suspended Tax                   |
| so_mstr  | Sales Order Master                            | GTM Transactions                    |

Table 3.1 — Database Table Cross-Reference — (Page 25 of 33)

| Table    | Table Description                     | Diagram                          |
|----------|---------------------------------------|----------------------------------|
| so_mstr  | Sales Order Master                    | Intrastat                        |
| so_mstr  | Sales Order Master                    | Invoice History I                |
| so_mstr  | Sales Order Master                    | Product Line I                   |
| so_mstr  | Sales Order Master                    | Retrobilling                     |
| so_mstr  | Sales Order Master                    | Sales Orders I                   |
| so_mstr  | Sales Order Master                    | Sales Orders II                  |
| so_mstr  | Sales Order Master                    | Sales Orders III                 |
| so_mstr  | Sales Order Master                    | Sales Order IV                   |
| so_mstr  | Sales Order Master                    | Sales Quotations I               |
| so_mstr  | Sales Order Master                    | Salesperson II                   |
| so_mstr  | Sales Order Master                    | Serialization - Shipping History |
| so_mstr  | Sales Order Master                    | Shipment Performance I           |
| so_mstr  | Sales Order Master                    | SSM – Call Activity Recording    |
| so_mstr  | Sales Order Master                    | SSM – Call Invoice Recording     |
| so_mstr  | Sales Order Master                    | SSM – RMA I                      |
| so_mstr  | Sales Order Master                    | SSM – RMA II                     |
| sob_det  | Sales Order Configuration Bill Detail | Invoice History I                |
| sob_det  | Sales Order Configuration Bill Detail | MRP I                            |
| sob_det  | Sales Order Configuration Bill Detail | Sales Orders II                  |
| soc_mstr | Sales Order Control                   | General Ledger Daybooks          |
| soc_mstr | Sales Order Control                   | Sales Order IV                   |
| sod_det  | Sales Order Detail                    | Container and Line Charges II    |
| sod_det  | Sales Order Detail                    | Container and Line Charges III   |
| sod_det  | Sales Order Detail                    | Customer Consignment I           |
| sod_det  | Sales Order Detail                    | Customer Consignment II          |
| sod_det  | Sales Order Detail                    | Customer Scheduled Orders        |
| sod_det  | Sales Order Detail                    | Customer Sequenced Schedules     |
| sod_det  | Sales Order Detail                    | EMT – Primary Business Unit      |
| sod_det  | Sales Order Detail                    | EMT – Secondary Business Unit    |
| sod_det  | Sales Order Detail                    | Freight Charges I                |
| sod_det  | Sales Order Detail                    | GTM Transactions                 |
| sod_det  | Sales Order Detail                    | IAQ - Quality Orders             |
| sod_det  | Sales Order Detail                    | Intrastat                        |
| sod_det  | Sales Order Detail                    | Inventory II                     |
| sod_det  | Sales Order Detail                    | Invoice History I                |
| sod_det  | Sales Order Detail                    | MRP I                            |
| sod_det  | Sales Order Detail                    | Pricing                          |
| sod_det  | Sales Order Detail                    | Release Management               |
| sod_det  | Sales Order Detail                    | Sales Orders II                  |
| sod_det  | Sales Order Detail                    | Sales Order III                  |

Table 3.1 — Database Table Cross-Reference — (Page 26 of 33)

| Table        | Table Description  | Diagram                          |
|--------------|--|----------------------------------|
| sod_det      | Sales Order Detail   | Sales Orders IV                  |
| sod_det      | Sales Order Detail   | Serialization - Shipping History |
| sod_det      | Sales Order Detail   | Serialization - Transaction Data |
| sod_det      | Sales Order Detail   | Shipment Performance I           |
| sod_det      | Sales Order Detail   | SOD/QOD Assignment Rule Cache    |
| sod_det      | Sales Order Detail   | SSM – Call Activity Recording    |
| sod_det      | Sales Order Detail   | SSM – Call Invoice Recording     |
| sod_det      | Sales Order Detail   | SSM – Depot Orders               |
| sod_det      | Sales Order Detail   | SSM – RMA I                      |
| sod_det      | Sales Order Detail   | Warehouse – Orders               |
| soddet_cache | MFG/PRO Table sod_det Cache Table in Configurator Database | SOD/QOD Assignment Rule Cache    |
| sodlc_det    | Sales Order Detail Line Charges                            | Container and Line Charges II    |
| sodlc_det    | Sales Order Detail Line Charges                            | Container and Line Charges III   |
| sodr_det     | Sales Order Relationship Detail                            | Sales Orders III                 |
| sop_det      | Cost Simulation Operation Detail                           | Cost Management II               |
| sop_det      | Cost Simulation Operation Detail                           | Periodic Costing                 |
| sor_mstr     | Sales Order Relationship Master                            | Sales Orders III                 |
| sosr_mstr    | Sales Order Shipment Reason Master                         | Shipment Performance II          |
| sosrd_det    | Sales Order Shipment Reason Detail                         | Shipment Performance II          |
| sp_mstr      | Salesperson Master   | Accounts Receivable I            |
| sp_mstr      | Salesperson Master   | Addresses                        |
| sp_mstr      | Salesperson Master   | Customers I                      |
| sp_mstr      | Salesperson Master   | Sales Analysis                   |
| sp_mstr      | Salesperson Master   | Sales Orders I                   |
| sp_mstr      | Salesperson Master   | Sales Quotations I               |
| sp_mstr      | Salesperson Master   | Salesperson I                    |
| sp_mstr      | Salesperson Master   | Salesperson II                   |
| sp_mstr      | Salesperson Master   | SSM – Service Contracts II       |
| spd_det      | Salesperson Commission Detail                              | Customers I                      |
| spd_det      | Salesperson Commission Detail                              | Salesperson I                    |
| sph_hist     | Salesperson Sales History                                  | Sales Analysis                   |
| sph_hist     | Salesperson Sales History                                  | Salesperson I                    |
| spt_det      | Cost Simulation Item Detail                                | Cost Management I                |
| spt_det      | Cost Simulation Item Detail                                | Cost Management II               |
| spt_det      | Cost Simulation Item Detail                                | Periodic Costing                 |
| sran_mstr    | Serial Range Master  | Serialization - Serial Range     |
| srand_det    | Serial Range Detail  | Serialization - Serial Range     |
| srg_mstr     | Item/Site/Address Serial ID Range                          | Serialization - Setup            |
| sro_mstr     | Service/Repair Order Master                                | Customers II                     |
| srr_mstr     | Service Request Master                                     | SSM – Call Tracking II           |

Table 3.1 — Database Table Cross-Reference — (Page 27 of 33)

| Table     | Table Description                             | Diagram                             |
|-----------|---|-------------------------------------|
| ssd_det   | Source of Supply Detail                       | DRP II                              |
| ssm_mstr  | Source of Supply Master                       | DRP II                              |
| sttq_mstr | Time-Based/Quantity-Based Status Code Master  | Shipment Performance I              |
| sttq_mstr | Time-Based/Quantity-Based Status Code Master  | Shipment Performance III            |
| stx_mstr  | GTM Suspended Tax Master                      | GTM Suspended Tax                   |
| suf_mstr  | Shipper User Field Master                     | Container and Line Charges I        |
| sufd_det  | Shipper User Field Detail                     | Container and Line Charges I        |
| sv_mstr   | Service Agreement Terms and Conditions Master | SSM – Coverage Limits I             |
| sv_mstr   | Service Agreement Terms and Conditions Master | SSM – Coverage Limits I             |
| sv_mstr   | Service Agreement Terms and Conditions Master | SSM – Coverage Limits II            |
| sv_mstr   | Service Agreement Terms and Conditions Master | SSM – Coverage Limits II            |
| sv_mstr   | Service Agreement Terms and Conditions Master | SSM – RMA I                         |
| sv_mstr   | Service Agreement Terms and Conditions Master | SSM – Service Contracts II          |
| swc_det   | Cost Simulation Work Center Detail            | Cost Management II                  |
| swc_det   | Cost Simulation Work Center Detail            | Periodic Costing                    |
| syp_mstr  | Sync Profile Master                           | Q/LinQ IV                           |
| sypd_det  | Sync Profile Detail                           | Q/LinQ IV                           |
| sypj_det  | Sync Profile Join Detail                      | Q/LinQ IV                           |
| sytf_mstr | Sync Table–Field Master                       | Q/LinQ IV                           |
| tag_mstr  | Physical Inventory Tag Master                 | Inventory I                         |
| tag_mstr  | Physical Inventory Tag Master                 | Serialization - Transaction History |
| TaskAssD  | Task Assignment Detail                        | Warehouse – Labor                   |
| TaskAssM  | Task Assignment Master                        | Warehouse – Labor                   |
| TaskD     | Task Detail                                   | Warehouse – Labor                   |
| TaskM     | Task Master                                   | Warehouse – Labor                   |
| TaskM     | Task Master                                   | Warehouse – Routings                |
| tax_mstr  | Tax Master                                    | Customers IV                        |
| taxd_det  | Tax Detail                                    | Customers IV                        |
| tm_mstr   | Transportation Master                         | DRP II                              |
| tot_mstr  | Terms of Trade Master                         | Purchasing I                        |
| totd_det  | Terms of Trade Detail                         | Purchasing I                        |
| tr_hist   | Inventory Transaction History                 | Accounts Receivable II              |
| tr_hist   | Inventory Transaction History                 | Customer Consignment I              |
| tr_hist   | Inventory Transaction History                 | Customer Consignment II             |
| tr_hist   | Inventory Transaction History                 | IAQ - Attribute Value History       |
| tr_hist   | Inventory Transaction History                 | Intrastat II                        |
| tr_hist   | Inventory Transaction History                 | Inventory II                        |
| tr_hist   | Inventory Transaction History                 | Kanban III                          |
| tr_hist   | Inventory Transaction History                 | Purchasing II                       |
| tr_hist   | Inventory Transaction History                 | Purchasing III                      |

Table 3.1 — Database Table Cross-Reference — (Page 28 of 33)

| Table     | Table Description  | Diagram                                      |
|-----------|--|--|
| tr_hist   | Inventory Transaction History                            | Sales Orders II                              |
| tr_hist   | Inventory Transaction History                            | Salesperson II                               |
| tr_hist   | Inventory Transaction History                            | Serialization - Shipping History             |
| tr_hist   | Inventory Transaction History                            | Serialization - Transaction History          |
| tr_hist   | Inventory Transaction History                            | Supplier Consignment I                       |
| tr_hist   | Inventory Transaction History                            | Supplier Consignment II                      |
| tr_hist   | Inventory Transaction History                            | Work Orders                                  |
| TranD     | Transaction Detail                                       | Warehouse – Algorithms and Engine Processing |
| TranD     | Transaction Detail                                       | Warehouse – Batch Picking                    |
| TranD     | Transaction Detail                                       | Warehouse – Bulk Picking                     |
| TranD     | Transaction Detail                                       | Warehouse – Inventory Transactions           |
| TranD     | Transaction Detail                                       | Warehouse – Labor                            |
| TranD     | Transaction Detail                                       | Warehouse – Inspection Quality               |
| TranD     | Transaction Detail                                       | Warehouse – Routings                         |
| TranH     | Warehouse Transaction History                            | Warehouse – Bulk Picking                     |
| TranH     | Warehouse Transaction History                            | Warehouse – Inventory Transactions           |
| TranTypeM | Warehousing Transaction Type Master                      | Warehouse – Algorithms and Engine Processing |
| trgl_det  | Inventory Transaction and General Ledger Cross-Reference | Financials vs Operations Replication II      |
| trgl_det  | Inventory Transaction and General Ledger Cross-Reference | Inventory II                                 |
| trl_mstr  | Trailer Master   | Container and Line Charges II                |
| trl_mstr  | Trailer Master   | Container and Line Charges III               |
| trl_mstr  | Trailer Master   | Freight Charges II                           |
| trq_mstr  | Transmission Date Reference Master                       | EMT – Primary Business Unit                  |
| tx2_mstr  | Tax Master   | Financials vs Operations Replication II      |
| tx2_mstr  | Tax Master   | GTM Address Master Data                      |
| tx2_mstr  | Tax Master   | GTM Customer Master Data                     |
| tx2_mstr  | Tax Master   | GTM Suspended Tax                            |
| tx2_mstr  | Tax Master   | GTM Supplier Master Data                     |
| tx2_mstr  | Tax Master   | GTM Transactions                             |
| tx2_mstr  | Tax Master   | GTM Tax Master Data                          |
| tx2d_det  | Tax Detail   | GTM Suspended Tax                            |
| tx2d_det  | Tax Details  | GTM Transactions                             |
| txbd_det  | Tax Base Detail  | GTM Address Master Data                      |
| txbd_det  | Tax Base Detail  | GTM Customer Master Data                     |
| txbd_det  | Tax Base Detail  | GTM Supplier Master Data                     |
| txbd_det  | Tax Base Detail  | GTM Transactions                             |
| txcl_mstr | Tax Class Master   | GTM Address Master Data                      |

Table 3.1 — Database Table Cross-Reference — (Page 29 of 33)

| Table      | Table Description                 | Diagram                                 |
|------------|-----------------------------------|---|
| txcl_mstr  | Tax Class Master                  | GTM Customer Master Data                |
| txcl_mstr  | Tax Class Master                  | GTM Supplier Master Data                |
| txcl_mstr  | Tax Class Master                  | GTM Transactions                        |
| txcl_mstr  | Tax Class Master                  | GTM Tax Master Data                     |
| txe_mstr   | Tax Environment Master            | GTM Address Master Data                 |
| txe_mstr   | Tax Environment Master            | GTM Customer Master Data                |
| txe_mstr   | Tax Environment Master            | GTM Supplier Master Data                |
| txe_mstr   | Tax Environment Master            | GTM Tax Master Data                     |
| txed_det   | Tax Environment Detail            | GTM Address Master Data                 |
| txed_det   | Tax Environment Detail            | GTM Customer Master Data                |
| txed_det   | Tax Environment Detail            | GTM Supplier Master Data                |
| txed_det   | Tax Environment Detail            | GTM Tax Master Data                     |
| txenv_mstr | Tax Environment Code Master       | GTM Address Master Data                 |
| txenv_mstr | Tax Environment Code Master       | GTM Customer Master Data                |
| txenv_mstr | Tax Environment Code Master       | GTM Supplier Master Data                |
| txenv_mstr | Tax Environment Code Master       | GTM Tax Master Data                     |
| txenv_mstr | Tax Environment Code Master       | GTM Transactions                        |
| txhd_det   | Tax History Detail                | GTM Transactions                        |
| txtu_mstr  | Tax Usage Master                  | GTM Tax Master Data                     |
| txty_mstr  | Tax Type Master                   | GTM Tax Master Data                     |
| txz_mstr   | Tax Zone Master                   | GTM Address Master Data                 |
| txz_mstr   | Tax Zone Master                   | GTM Customer Master Data                |
| txz_mstr   | Tax Zone Master                   | GTM Supplier Master Data                |
| txz_mstr   | Tax Zone Master                   | GTM Tax Master Data                     |
| tzo_mstr   | Service/Support Time Zone Master  | SSM – Call Tracking I                   |
| tzo_mstr   | Service/Support Time Zone Master  | SSM – Engineers II                      |
| udd_det    | User Domain Detail                | Financials vs Operations Replication II |
| UMGroupD   | Unit of Measure Group Detail      | Warehouse – Sizing                      |
| UMGroupM   | Unit of Measure Group Master      | Warehouse – Sizing                      |
| um_mstr    | Unit of Measure Conversion Master | Warehouse – Sizing                      |
| umsg_det   | User Message Detail               | Configured Messages                     |
| URGroupM   | Internal Routing Group Master     | Warehouse – Routings                    |
| UserD      | Warehousing RF User Detail        | Warehouse – Labor                       |
| UserM      | Warehousing RF User Master        | Warehouse – Labor                       |
| UserM      | Warehousing RF User Master        | Warehouse – Messaging                   |
| UserGroupD | Warehouse RF User Group Detail    | Warehouse – Labor                       |
| UserGroupM | Warehouse RF User Group Master    | Warehouse – Labor                       |
| UserGroupM | Warehouse RF User Group Master    | Warehouse – Messaging                   |
| UseWLGm    | User/Work Location Group Master   | Warehouse – Labor                       |
| Usr        | User                              | Financials vs Operations Replication II |

Table 3.1 — Database Table Cross-Reference — (Page 30 of 33)

| Table         | Table Description                        | Diagram                                 |
|---------------|--|---|
| UsrDomain     | Link User-Domain                         | Financials vs Operations Replication II |
| UsrRoleDomain | Link User-Role-Domain                    | Financials vs Operations Replication II |
| usr_mstr      | User Master                              | Financials vs Operations Replication II |
| usrg_mstr     | User Role Master                         | Financials vs Operations Replication II |
| Vat           | Value Added Tax                          | Financials vs Operations Replication II |
| vat           | Financial Tax Code                       | GTM Address Master Data                 |
| vat           | Financial Tax Code                       | GTM Customer Master Data                |
| vat           | Financial Tax Code                       | GTM Supplier Master Data                |
| vatrule       | Financial Tax Rate Detail                | GTM Address Master Data                 |
| vatrule       | Financial Tax Rate Detail                | GTM Customer Master Data                |
| vatrule       | Financial Tax Rate Detail                | GTM Supplier Master Data                |
| vd_mstr       | Supplier Master                          | Accounts Payable I                      |
| vd_mstr       | Supplier Master                          | Addresses                               |
| vd_mstr       | Supplier Master                          | Blocking Transaction                    |
| vd_mstr       | Supplier Master                          | Financials vs Operations Replication I  |
| vd_mstr       | Supplier Master                          | Financials vs Operations Replication II |
| vd_mstr       | Supplier Master                          | GTM Supplier Master Data                |
| vd_mstr       | Supplier Master                          | Kanban II                               |
| vd_mstr       | Supplier Master                          | Kanban IV                               |
| vd_mstr       | Supplier Master                          | Purchasing I                            |
| vd_mstr       | Supplier Master                          | Serialization - Setup                   |
| vd_mstr       | Supplier Master                          | Serialization - Shipping History        |
| vd_mstr       | Supplier Master                          | Serialization - Transaction Data        |
| vd_mstr       | Supplier Master                          | SSM – RMA II                            |
| vd_mstr       | Supplier Master                          | Vendors (Suppliers)                     |
| vd_mstr       | Supplier Master                          | Warehouse – Items                       |
| vdn_mstr      | Supplier Network Master                  | Supplier Network and Network Bill       |
| vdnb_mstr     | Supplier Network Bill Master             | Supplier Network and Network Bill       |
| vdnbd_mstr    | Supplier Network Bill Detail             | Supplier Network and Network Bill       |
| vdns_mstr     | Supplier Network Sequence Detail         | Supplier Network and Network Bill       |
| vdnt_mstr     | Supplier Network Transport Mode Detail   | Supplier Network and Network Bill       |
| vec_mstr      | Supplier Performance Category Master     | Supplier Performance I                  |
| vecd_det      | Supplier Performance Category Detail     | Supplier Performance I                  |
| vee_mstr      | Supplier Performance Event Master        | Supplier Performance I                  |
| vef_ctrl      | Supplier Performance Control             | Supplier Performance I                  |
| VendPartM     | Warehousing Supplier/Item Master         | Warehouse – Items                       |
| vep_mstr      | Supplier Performance Master              | Supplier Performance I                  |
| vepd_det      | Supplier Performance Detail              | Supplier Performance I                  |
| ver_mstr      | Supplier Performance Registration Master | Supplier Performance I                  |
| verd_det      | Supplier Performance Registration Detail | Supplier Performance I                  |

Table 3.1 — Database Table Cross-Reference — (Page 31 of 33)

| Table       | Table Description                            | Diagram                            |
|-------------|--|------------------------------------|
| ves_mstr    | Supplier Performance Summary Master          | Supplier Performance II            |
| vesd_det    | Supplier Performance Summary Detail          | Supplier Performance II            |
| vew_mstr    | Supplier Performance Weighting Factor Master | Supplier Performance I             |
| vp_mstr     | Supplier Item Master                         | Purchasing I                       |
| vp_mstr     | Supplier Item Master                         | Purchasing II                      |
| vp_mstr     | Supplier Item Master                         | Vendors (Suppliers)                |
| WaveD       | Wave Detail                                  | Warehouse – Wave Planning II       |
| WaveD       | Wave Detail                                  | Warehouse – Wave TransportationII  |
| WaveLoadD   | Warehousing Wave Load Detail                 | Warehouse – Wave Transportation II |
| WaveM       | Wave Master                                  | Warehouse – Wave Planning II       |
| WaveM       | Wave Master                                  | Warehouse – Wave Transportation II |
| WaveMasterM | Wave Master Master                           | Warehouse – Wave Planning II       |
| WaveMasterM | Wave Master Master                           | Warehouse – Wave Transportation II |
| wc_mstr     | Work Center Master                           | Cost Management II                 |
| wc_mstr     | Work Center Master                           | MSW/PSW                            |
| wc_mstr     | Work Center Master                           | Periodic Costing                   |
| wc_mstr     | Work Center Master                           | Quality Management                 |
| wc_mstr     | Work Center Master                           | Routing Standards                  |
| wcr_route   | Work Center Routing Standards                | Routing Standards                  |
| WhseC       | Warehouse Control                            | Warehouse – Sizing                 |
| WhseD       | Warehouse Detail                             | Warehouse – Sizing                 |
| WhseListD   | Warehouse Master List Detail                 | Warehouse – Sizing                 |
| WhseListM   | Warehouse Master List Master                 | Warehouse – Sizing                 |
| WhseM       | Warehouse Master                             | Warehouse – Items                  |
| wlbd_det    | WIP Lot Trace BOM Control Detail             | WIP Lot Trace II                   |
| wlbd_mstr   | WIP Lot Trace BOM Control Master             | WIP Lot Trace II                   |
| wld_det     | WIP Lot Inventory Detail                     | WIP Lot Trace I                    |
| wlrd_det    | WIP Lot Trace Routing Control Detail         | WIP Lot Trace II                   |
| WLG         | Work Location Group Master                   | Warehouse – Locations              |
| WLG         | Work Location Group Master                   | Warehouse – Wave Planning I        |
| wl_mstr     | WIP Lot Master                               | WIP Lot Trace I                    |
| wlrm_mstr   | WIP Lot Trace Routing Control Master         | WIP Lot Trace II                   |
| wlt_mstr    | WIP Lot Trace Master                         | WIP Lot Trace I                    |
| wo_mstr     | Work Order Master                            | Forecasting/Planning               |
| wo_mstr     | Work Order Master                            | IAQ - Quality Orders               |
| wo_mstr     | Work Order Master                            | Item Specification                 |
| wo_mstr     | Work Order Master                            | MRP II                             |
| wo_mstr     | Work Order Master                            | MSW/PSW                            |
| wo_mstr     | Work Order Master                            | Repetitive Schedule                |
| wo_mstr     | Work Order Master                            | Serialization - Transaction Data   |

Table 3.1 — Database Table Cross-Reference — (Page 32 of 33)

| <b>Table</b> | <b>Table Description</b> | <b>Diagram</b>                |
|--------------|--------------------------|-------------------------------|
| wo_mstr      | Work Order Master        | SSM – Call Activity Recording |
| wo_mstr      | Work Order Master        | SSM – Call Invoice Recording  |
| wo_mstr      | Work Order Master        | Warehouse – Orders            |
| wo_mstr      | Work Order Master        | Work Orders                   |
| wod_det      | Work Order Detail        | Inventory II                  |
| wod_det      | Work Order Detail        | MRP II                        |
| wod_det      | Work Order Detail        | SSM – Call Activity Recording |
| wod_det      | Work Order Detail        | SSM – Call Invoice Recording  |
| wod_det      | Work Order Detail        | Warehouse – Orders            |
| wod_det      | Work Order Detail        | Work Orders                   |
| WorkLoadD    | Work Load Group Detail   | Warehouse – Wave Planning I   |
| WorkLoadM    | Work Load Group Master   | Warehouse – Wave Planning I   |
| wr_route     | Work Order Routing       | Item Specification            |
| wr_route     | Work Order Routing       | Purchasing II                 |
| wr_route     | Work Order Routing       | SSM – Call Activity Recording |
| wr_route     | Work Order Routing       | SSM – Call Invoice Recording  |
| wr_route     | Work Order Routing       | WIP Lot Trace I               |
| wr_route     | Work Order Routing       | Work Orders                   |

Table 3.1 — Database Table Cross-Reference — (Page 33 of 33)

## Financial Table Relationships

This section includes entity diagrams and cross-reference information for Financial functions.

***Financial Entity Diagrams*** 207

***Table/Diagram Cross-Reference (Financial)*** 311

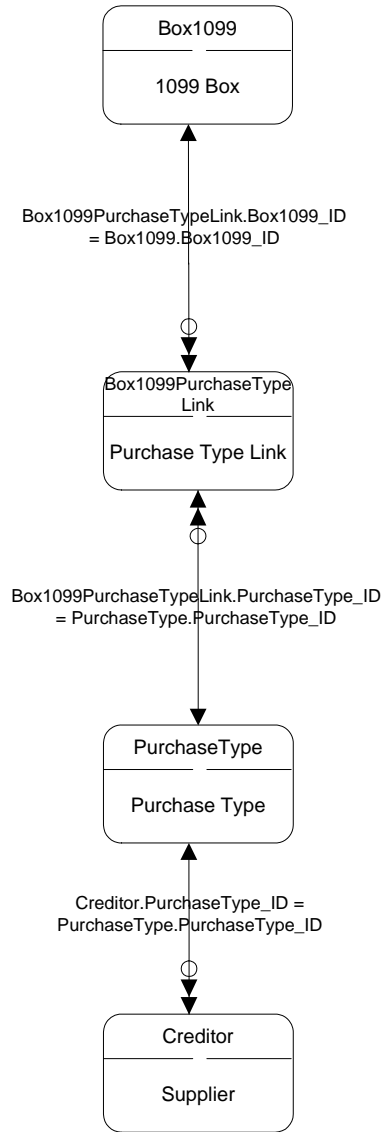


# Financial Entity Diagrams

The entity diagrams are in alphabetical order starting on the next page.

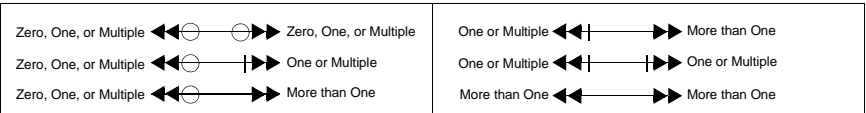
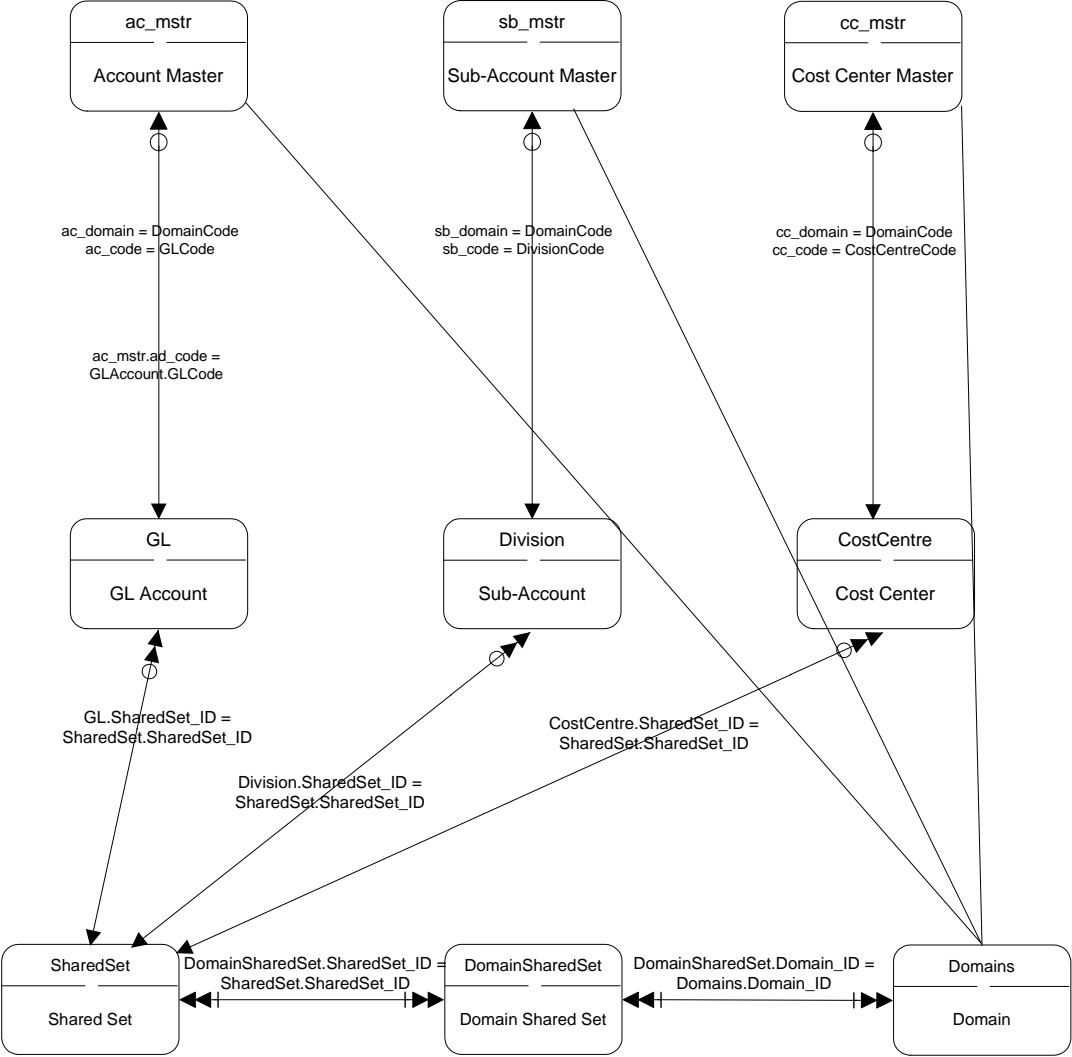
Table 5.1 on page 312 lists each table included in the diagrams and indicates the title of the diagram where the table appears.

# 1099

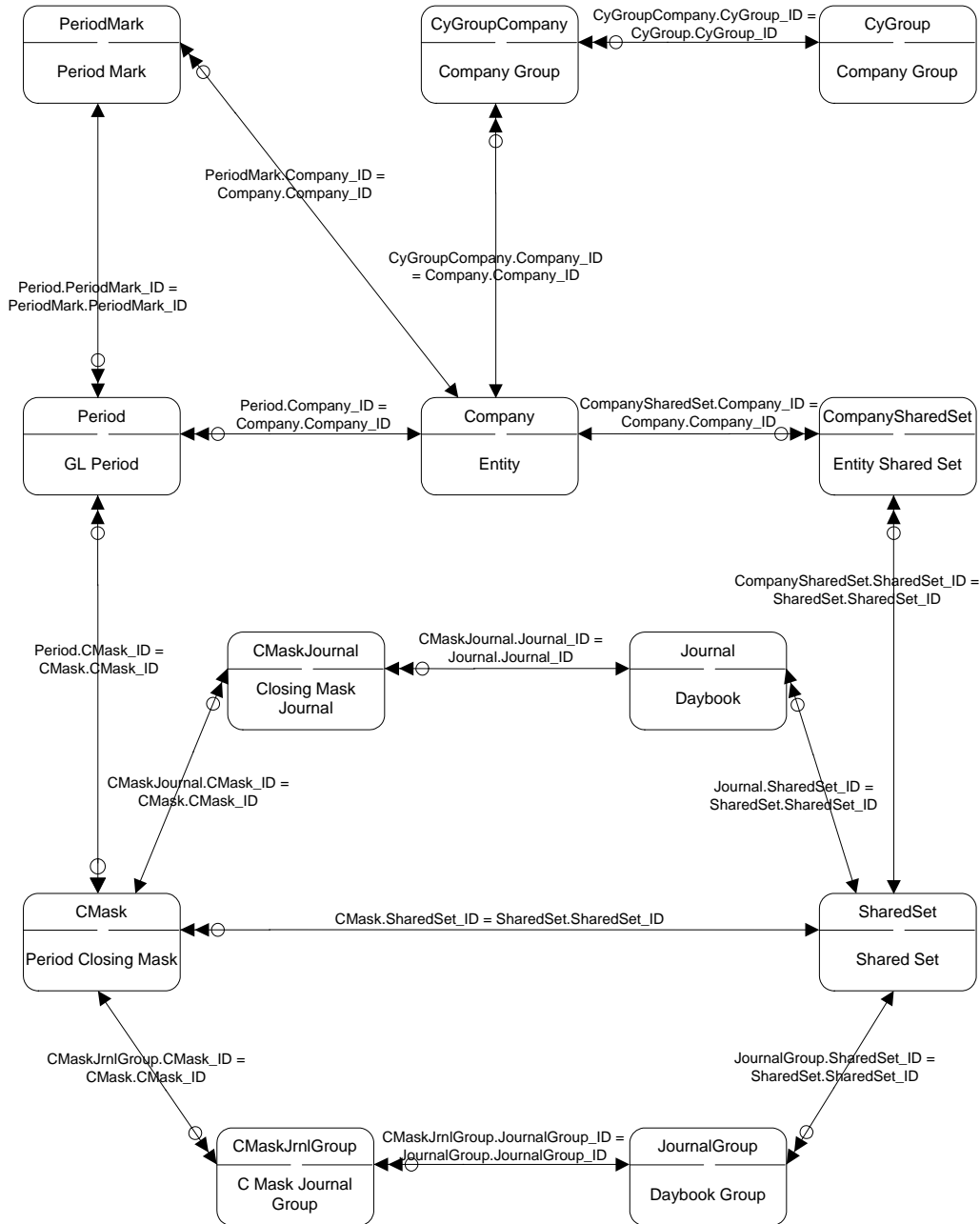


|   |  |   |
|---|--|---|
| Zero or One $\leftarrow \ominus \longrightarrow$ One and Only One<br>Zero or One $\leftarrow \ominus \longrightarrow \ominus$ Zero or One<br>Zero or One $\leftarrow \ominus \longrightarrow \oplus$ Zero, One, or Multiple | Zero or One $\leftarrow \ominus \longrightarrow \parallel$ One or Multiple<br>Zero or One $\leftarrow \ominus \longrightarrow \parallel \parallel$ More than One<br>One and Only One $\leftarrow \ominus \longrightarrow \parallel$ One and Only One | One and Only One $\leftarrow \ominus \longrightarrow \oplus$ Zero, One, or Multiple<br>One and Only One $\leftarrow \ominus \longrightarrow \parallel$ One or Multiple<br>One and Only One $\leftarrow \ominus \longrightarrow \parallel \parallel$ More than One |
|---|--|---|

# Account Replication

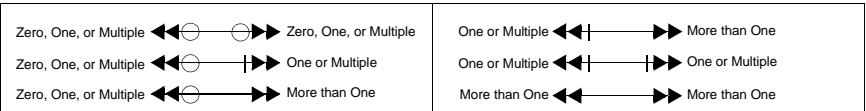
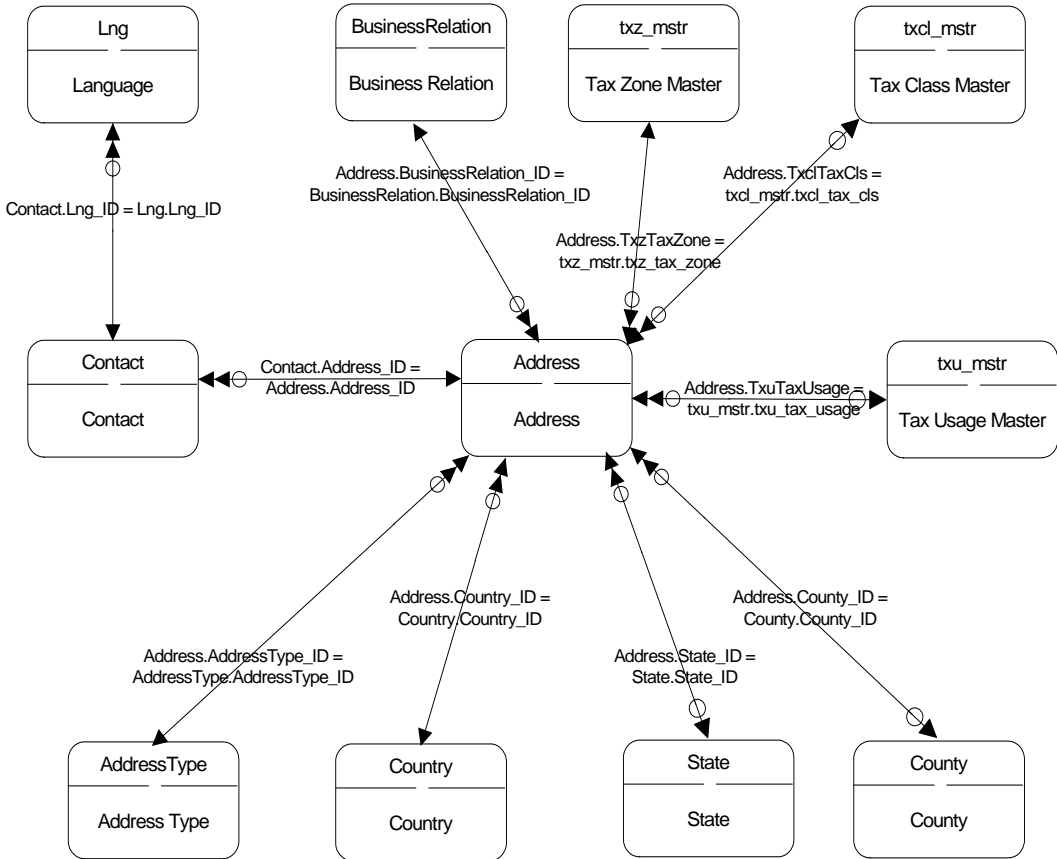


## Accounting Period

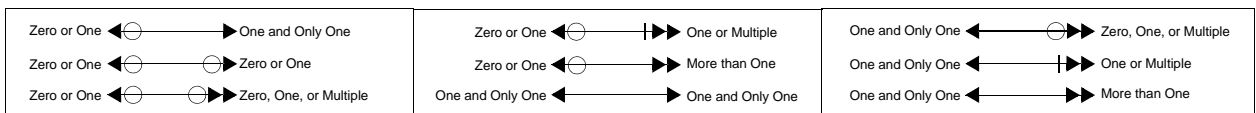
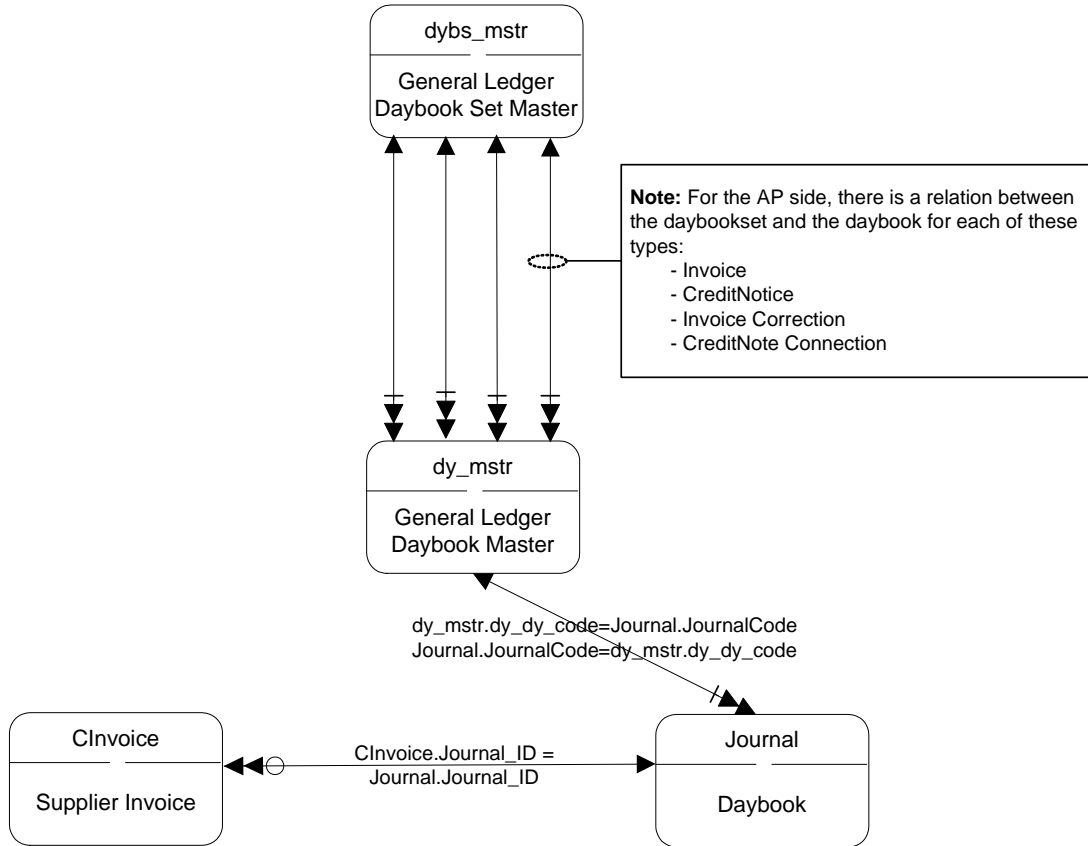


|   |  |  |
|---|--|--|
| Zero or One $\leftarrow \ominus \longrightarrow$ One and Only One             | Zero or One $\leftarrow \ominus \parallel \longrightarrow$ One or Multiple   | One and Only One $\leftarrow \ominus \circ \longrightarrow$ Zero, One, or Multiple |
| Zero or One $\leftarrow \ominus \ominus \longrightarrow$ Zero or One          | Zero or One $\leftarrow \ominus \circ \longrightarrow$ More than One         | One and Only One $\leftarrow \ominus \parallel \longrightarrow$ One or Multiple    |
| Zero or One $\leftarrow \ominus \circ \longrightarrow$ Zero, One, or Multiple | One and Only One $\leftarrow \ominus \circ \longrightarrow$ One and Only One | One and Only One $\leftarrow \ominus \circ \longrightarrow$ More than One          |

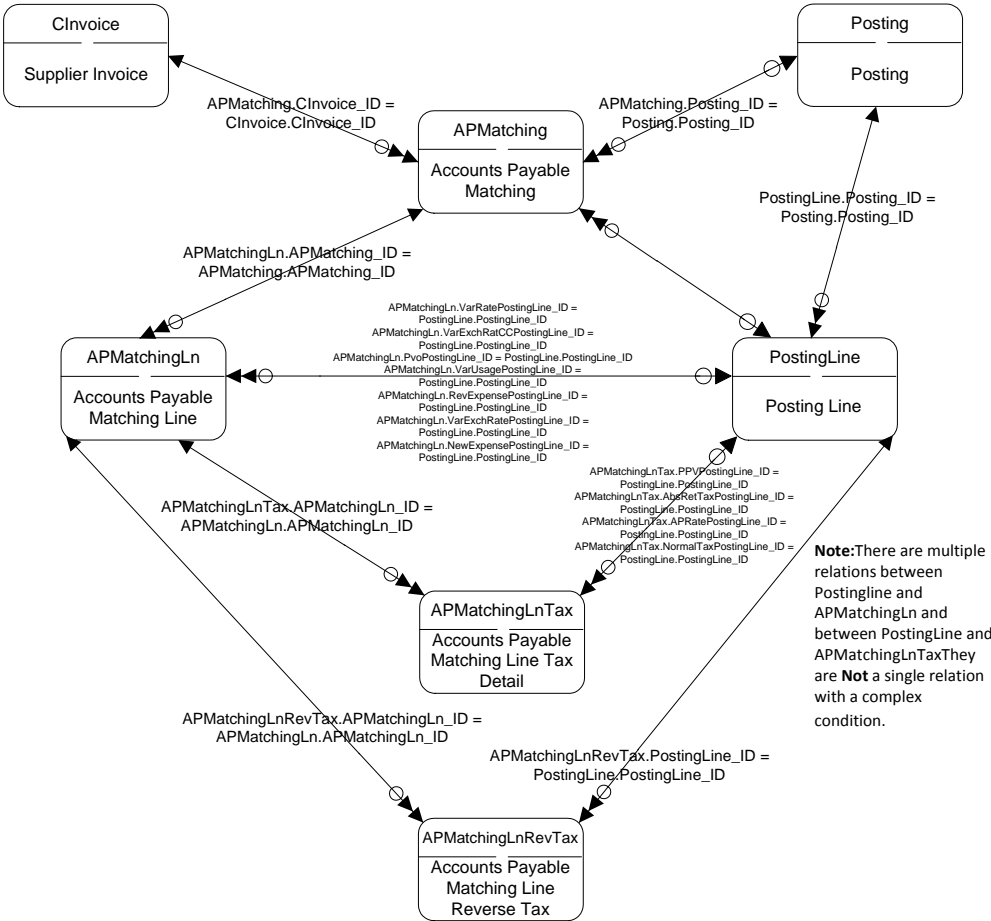
# Address



## Accounts Payable Daybook Sets



# Accounts Payable Matching Detail I



**Note:** There are multiple relations between Postingline and APMatchingLn and between PostingLine and APMatchingLnTax They are **Not** a single relation with a complex condition.

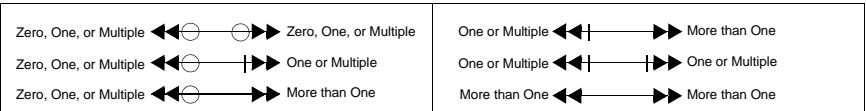
**Notes:** The matching tables hold references to different posting lines that are created. APMatching holds a single reference to the posting line on the site account. APMatchingLn holds references to the following posting lines:

- Rate variance
- Usage variance
- Exchange rate variance
- Receipt
- New accrual
- Reversal of previous accrual

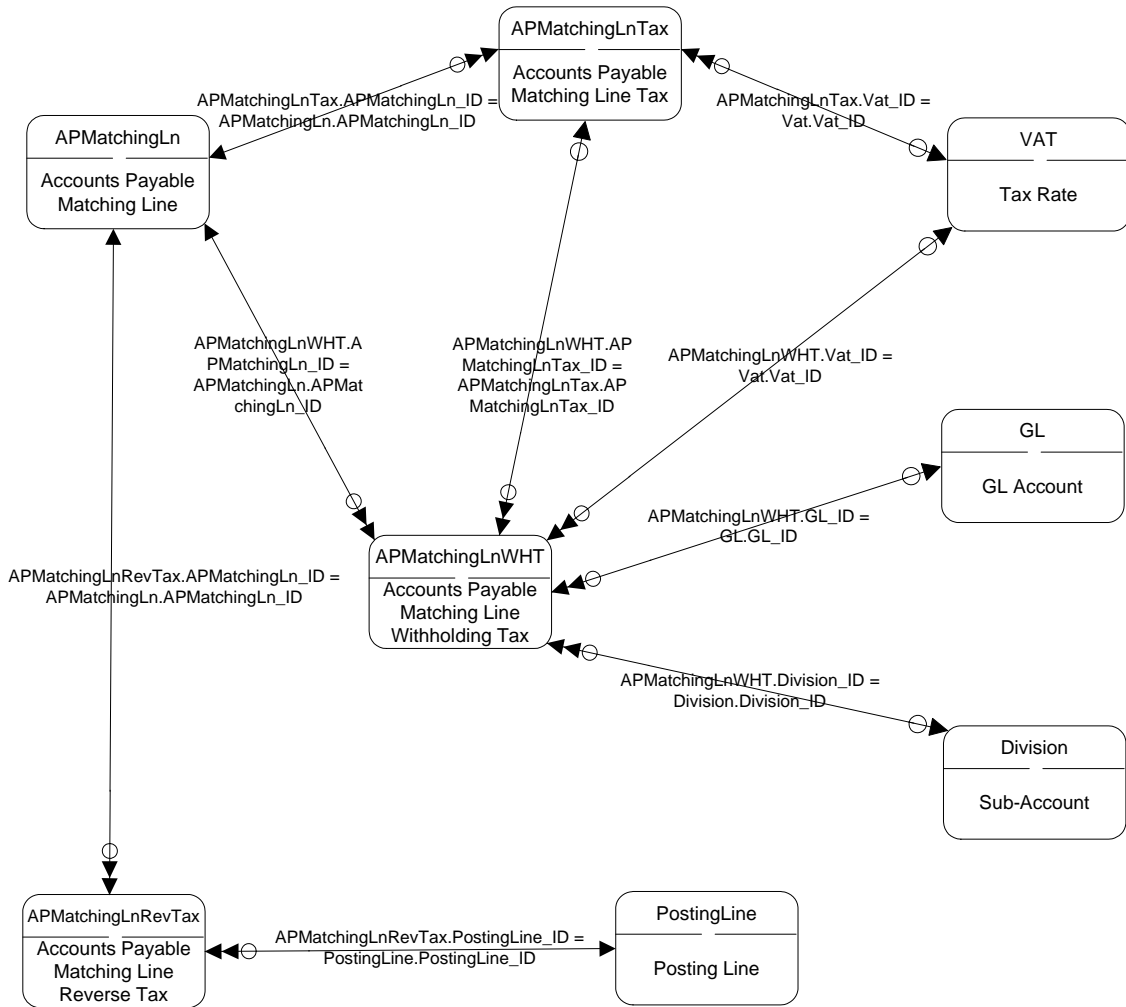
APMatchingLnTax holds references to the following posting lines:

- Non-revocable tax
- Purchase price variance
- Normal tax
- Retained tax

APMatchingLnRevTax holds a single reference for every posting line that reverses the tax impact of the matched pending voucher.



## Accounts Payable Matching Detail II



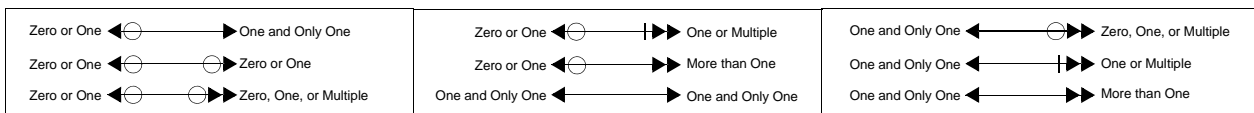
**Notes:** The matching tables hold references to different posting lines that are created. APMatching holds a single reference to the posting line on the site account. APMatchingLn holds references to the following posting lines:

- Rate variance
- Usage variance
- Exchange rate variance
- Receipt
- New accrual
- Reversal of previous accrual

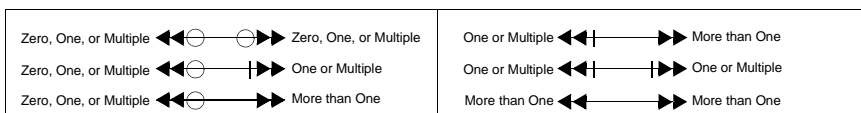
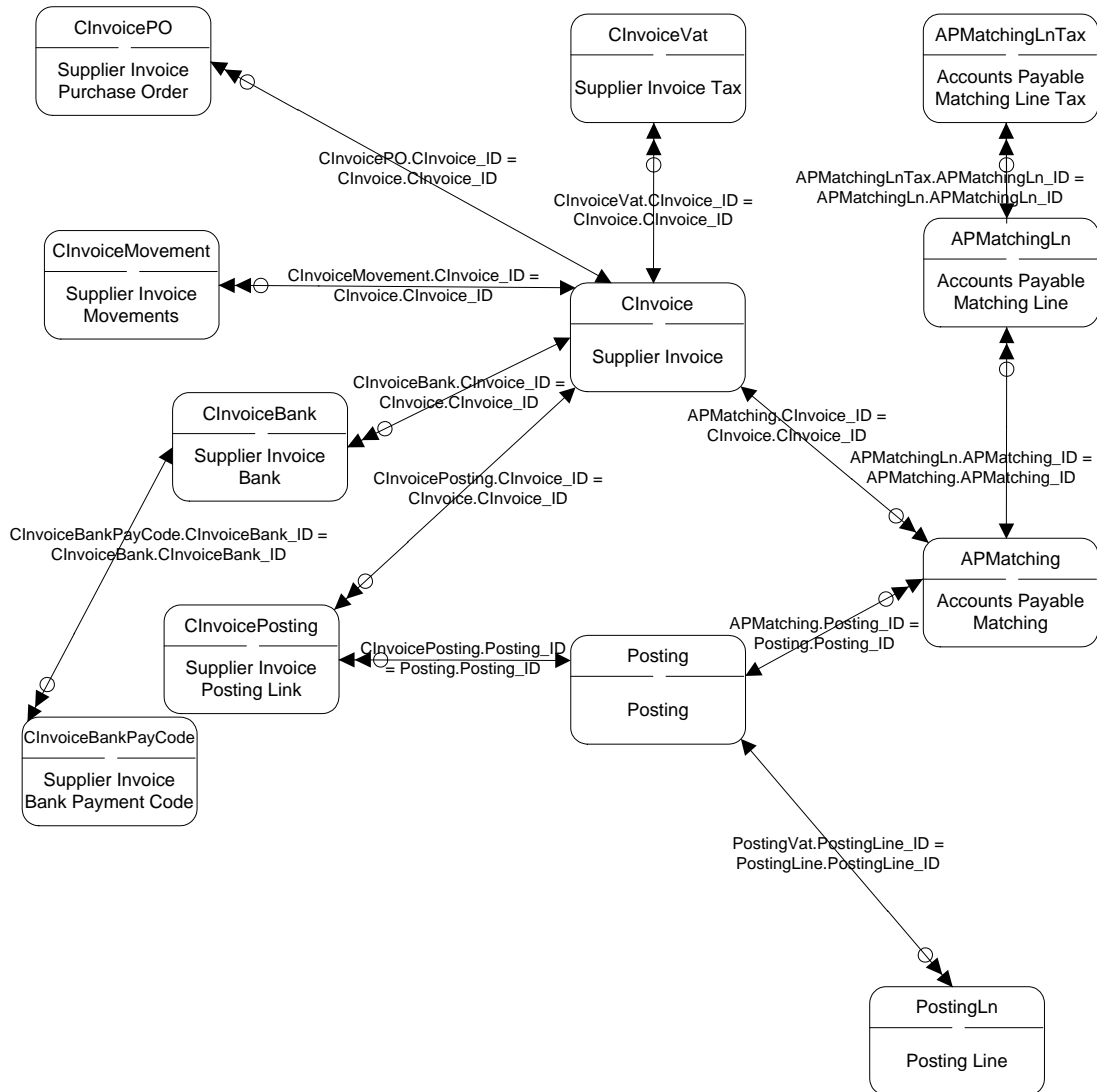
APMatchingLnTax holds references to the following posting lines:

- Non-recoverable tax
- Purchase price variance
- Normal tax
- Retained tax

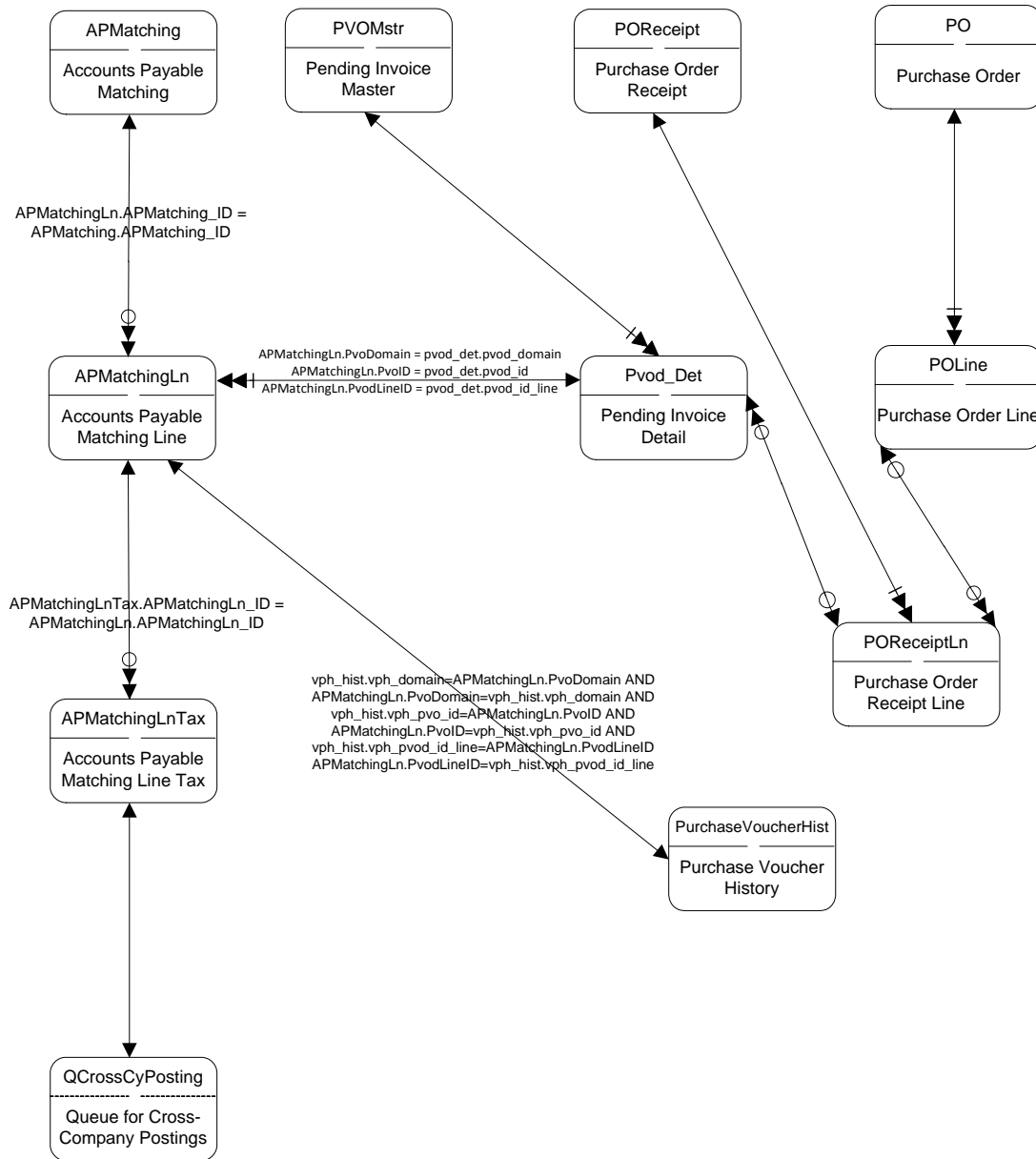
APMatchingLnRevTax holds a single reference for every posting line that reverses the tax impact of the matched pending voucher.



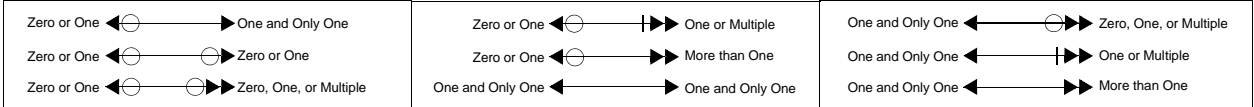
# Accounts Payable Matching Global I



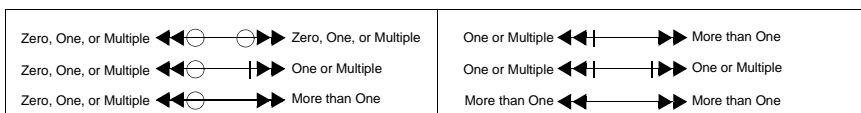
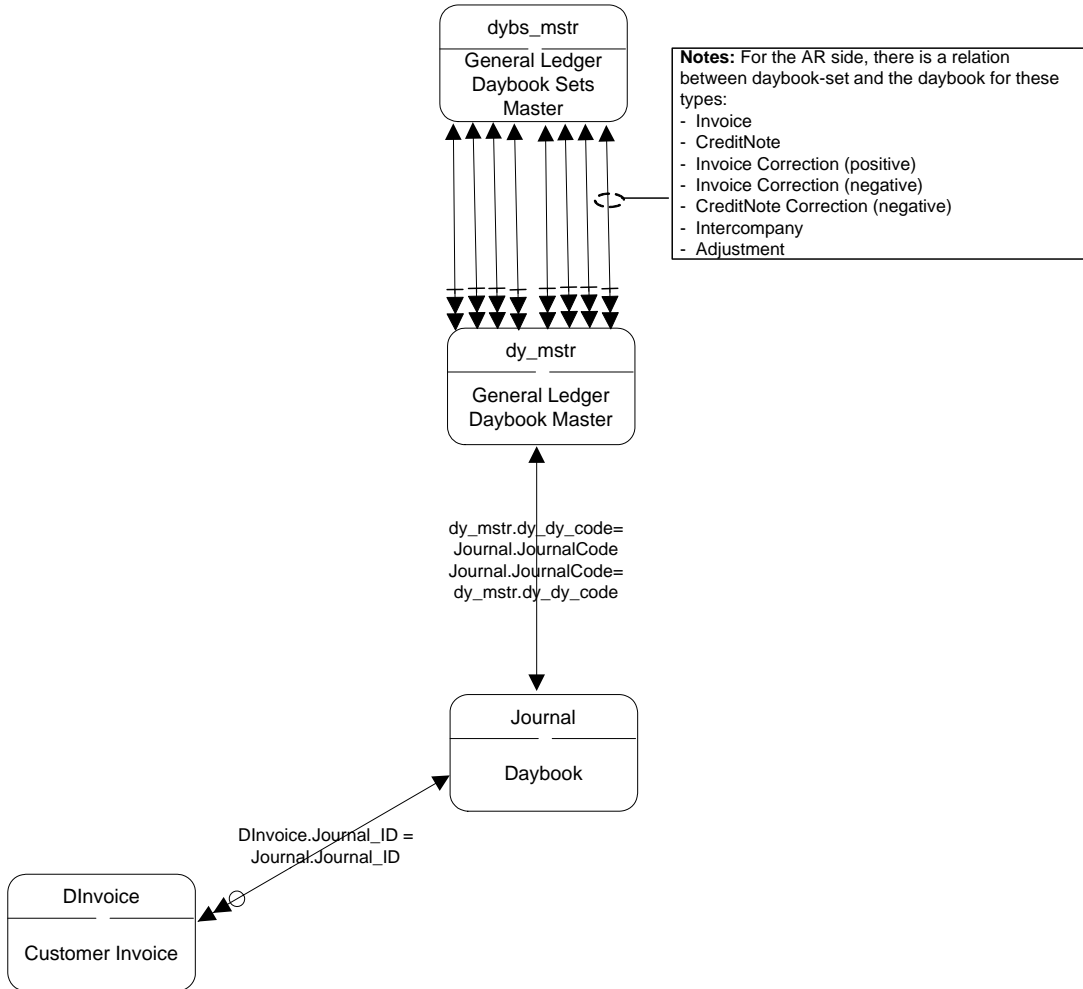
## Accounts Payable Matching Global II



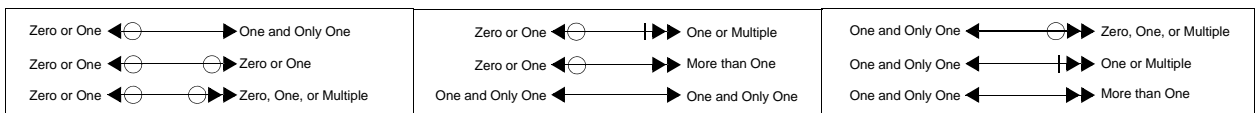
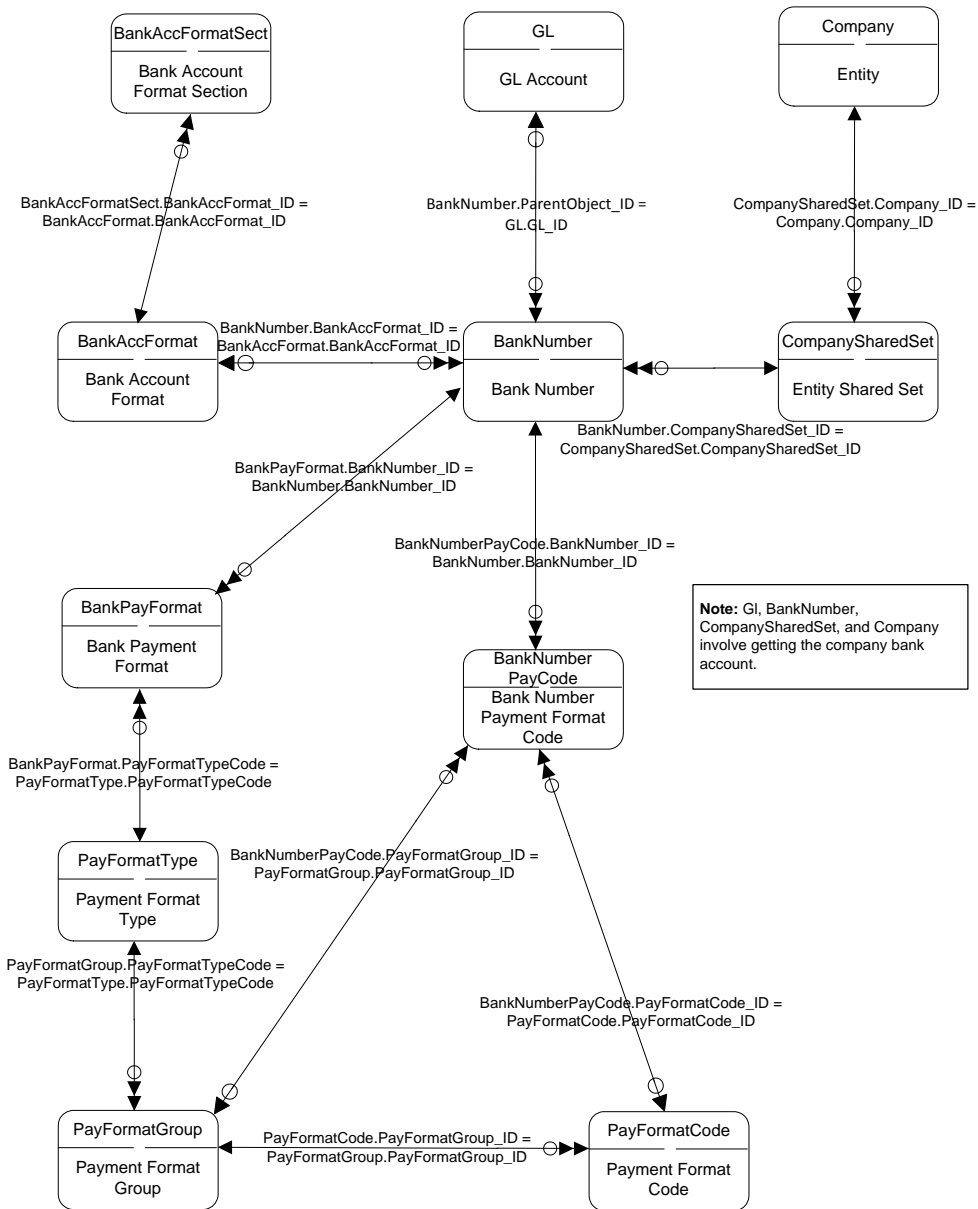
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 APMatchingLn.PvoID=vph\_hist.vph\_pvo\_id AND  
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 APMatchingLn.PvodLineID=vph\_hist.vph\_pvod\_id\_line



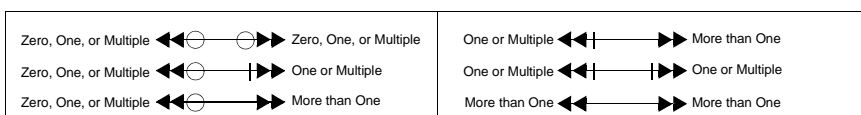
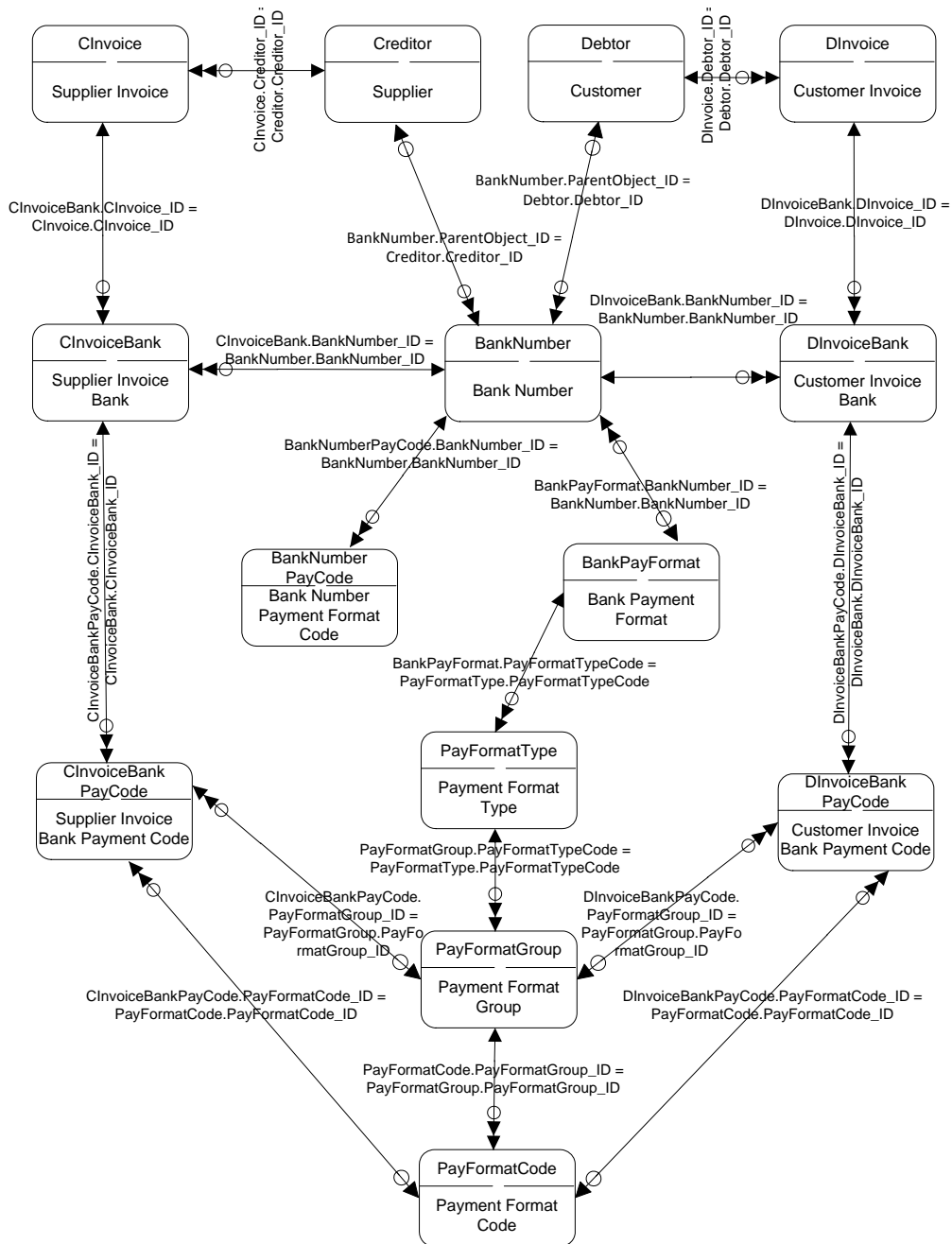
# Accounts Receivable Daybook Set



# Bank Accounts



# Bank Accounts, Suppliers, Customers

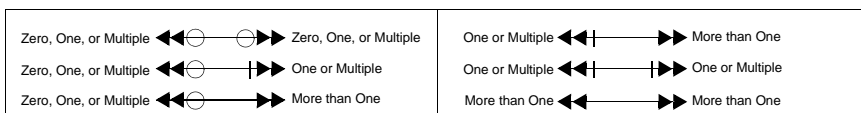
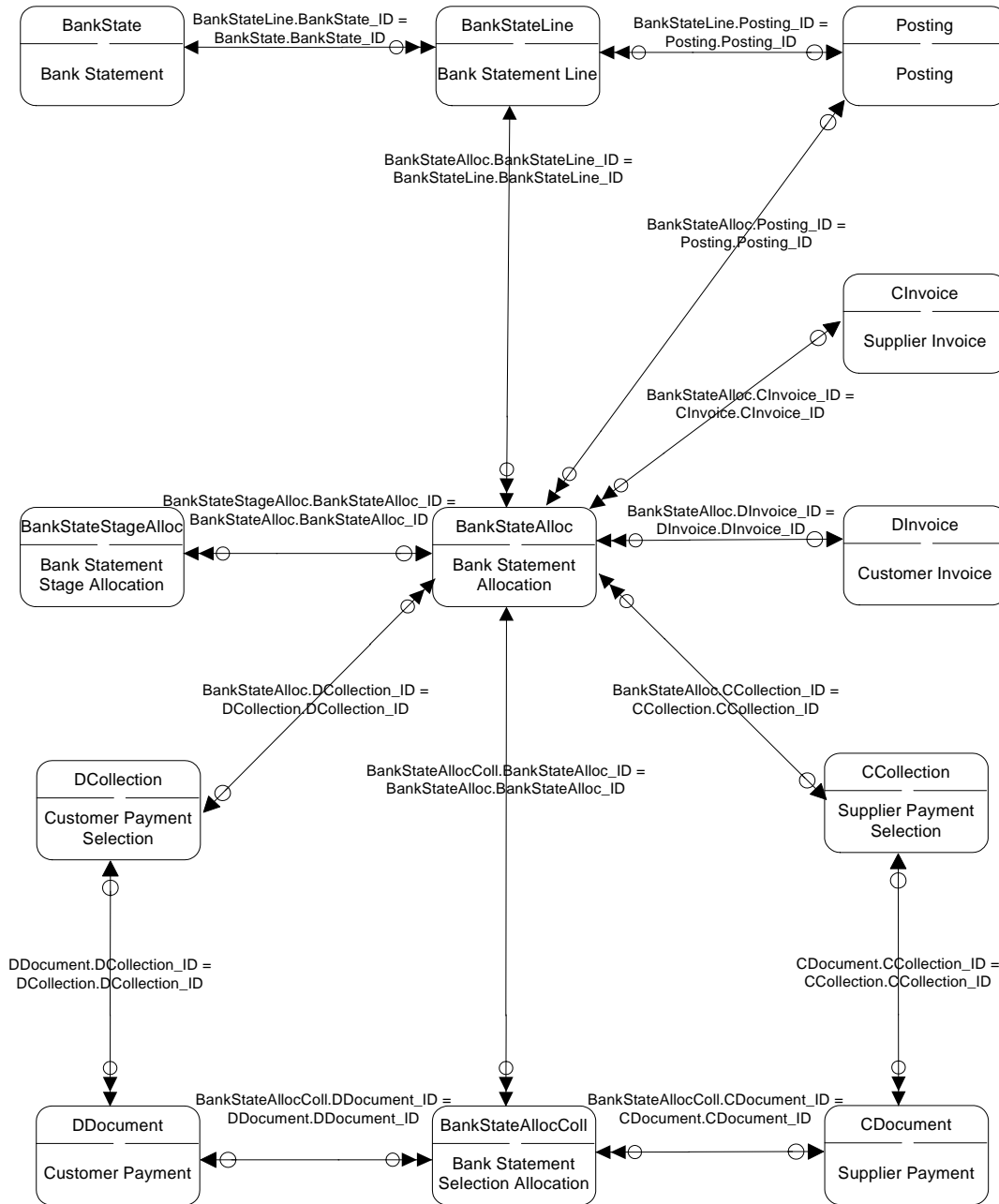


## Bank Charges

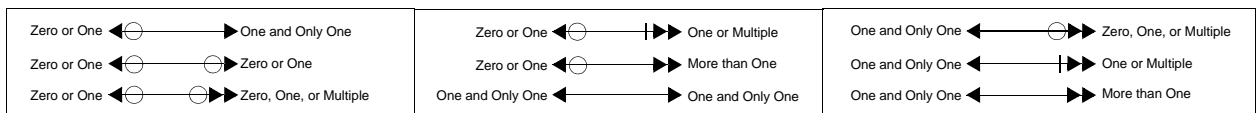
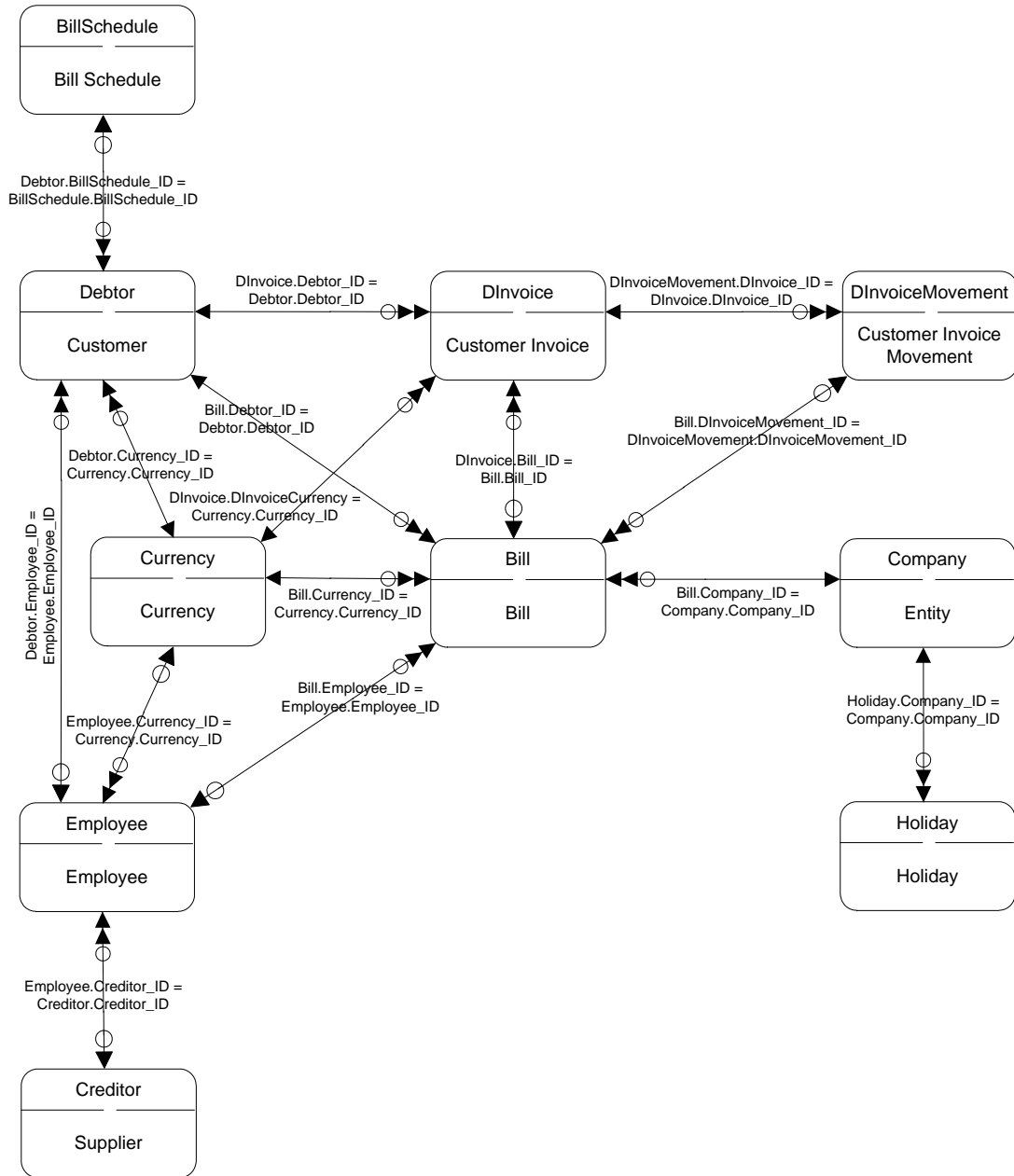


|  |   |   |
|--|---|---|
| Zero or One ← ⊖ → One and Only One           | Zero or One ← ⊖ ⊥ → One or Multiple           | One and Only One ← ⊖ ⊥ → Zero, One, or Multiple |
| Zero or One ← ⊖ ⊙ → Zero or One              | Zero or One ← ⊖ ⊥ ⊥ → More than One           | One and Only One ← ⊖ ⊥ ⊥ → One or Multiple      |
| Zero or One ← ⊖ ⊙ ⊙ → Zero, One, or Multiple | One and Only One ← ⊖ ⊥ ⊥ ⊥ → One and Only One | One and Only One ← ⊖ ⊥ ⊥ ⊥ → More than One      |

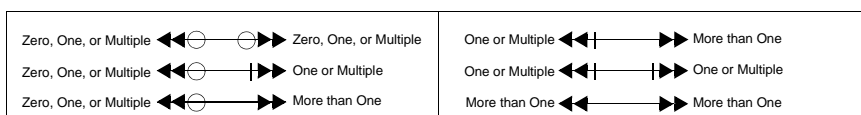
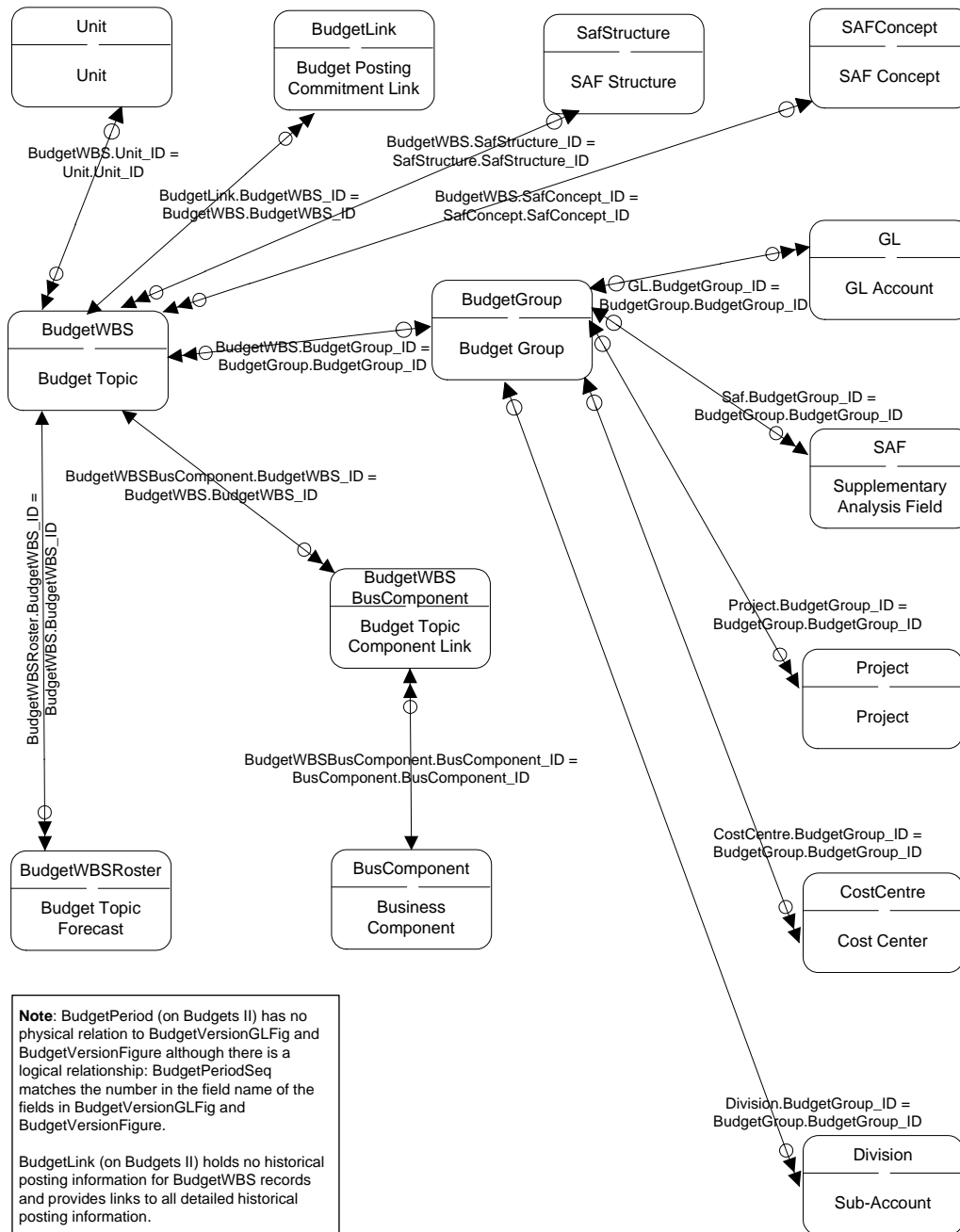
# Bank Entries



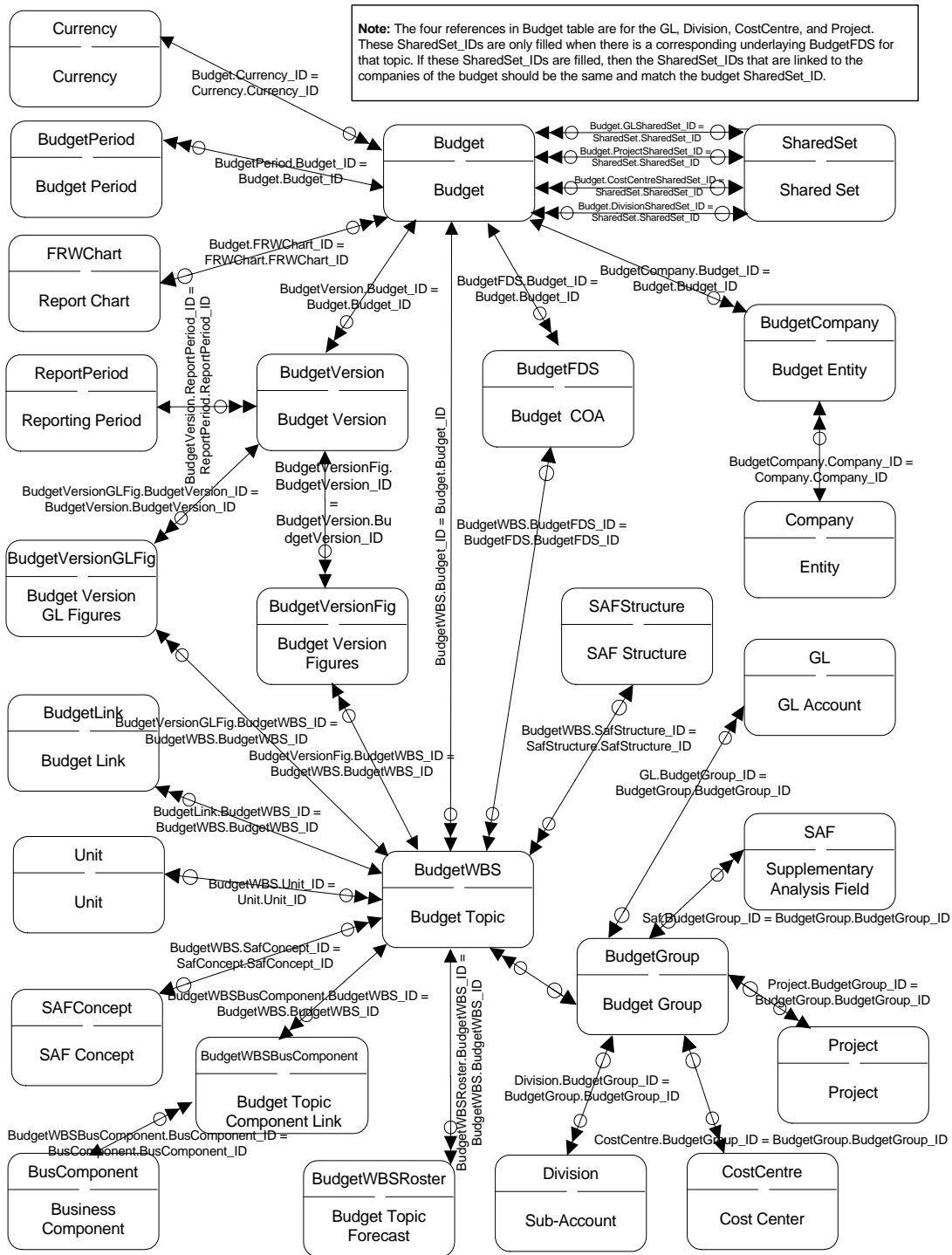
## Billing



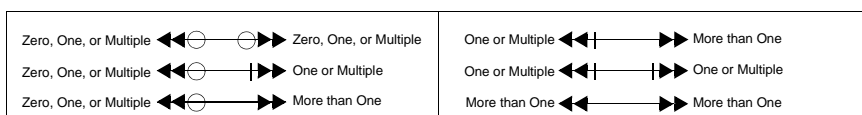
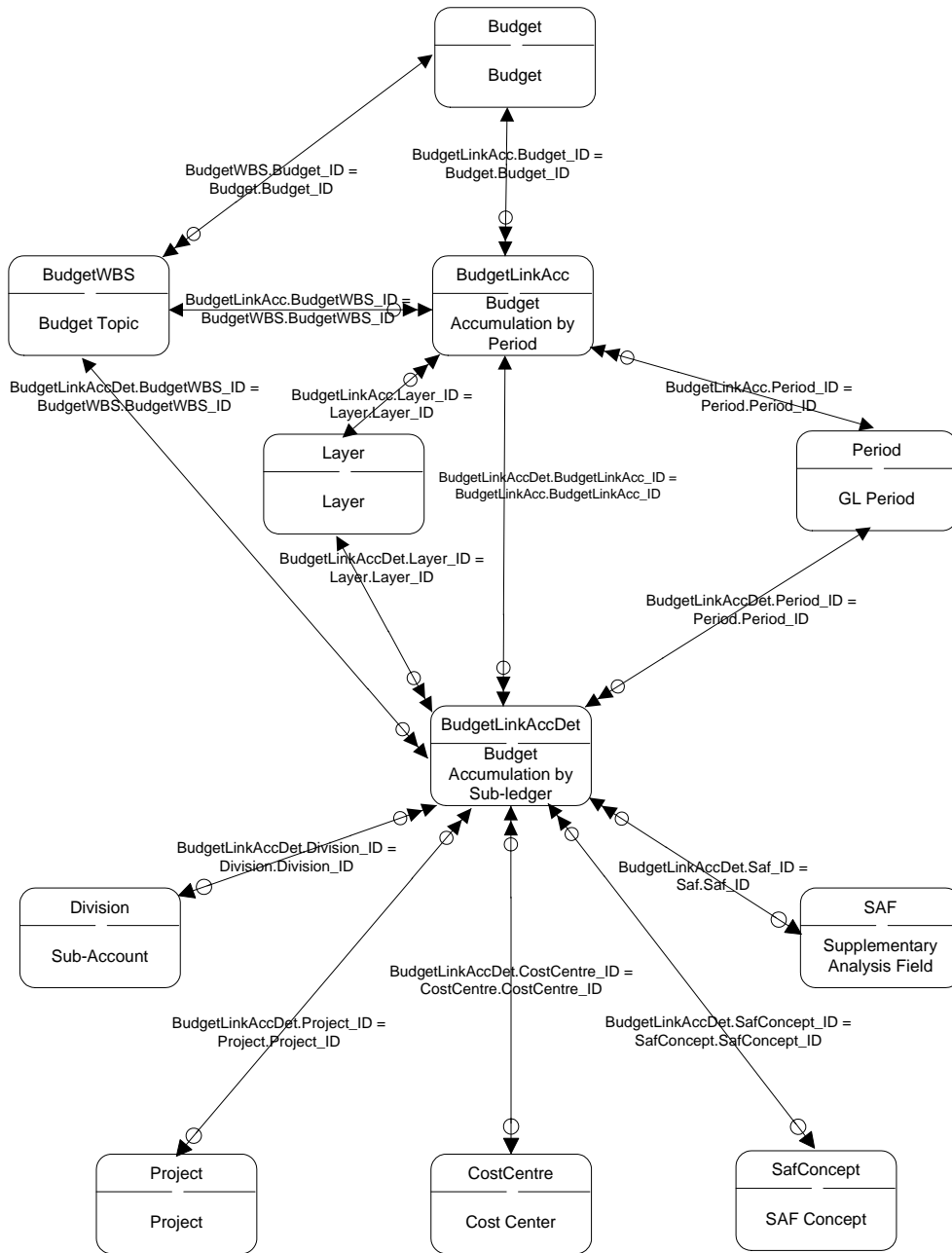
# Budgets I



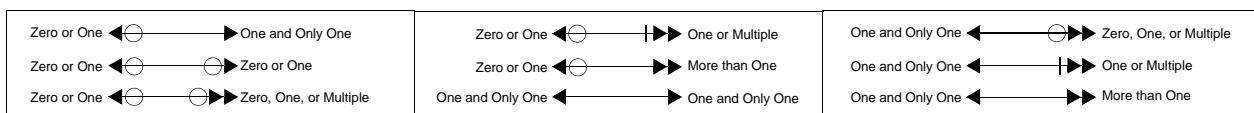
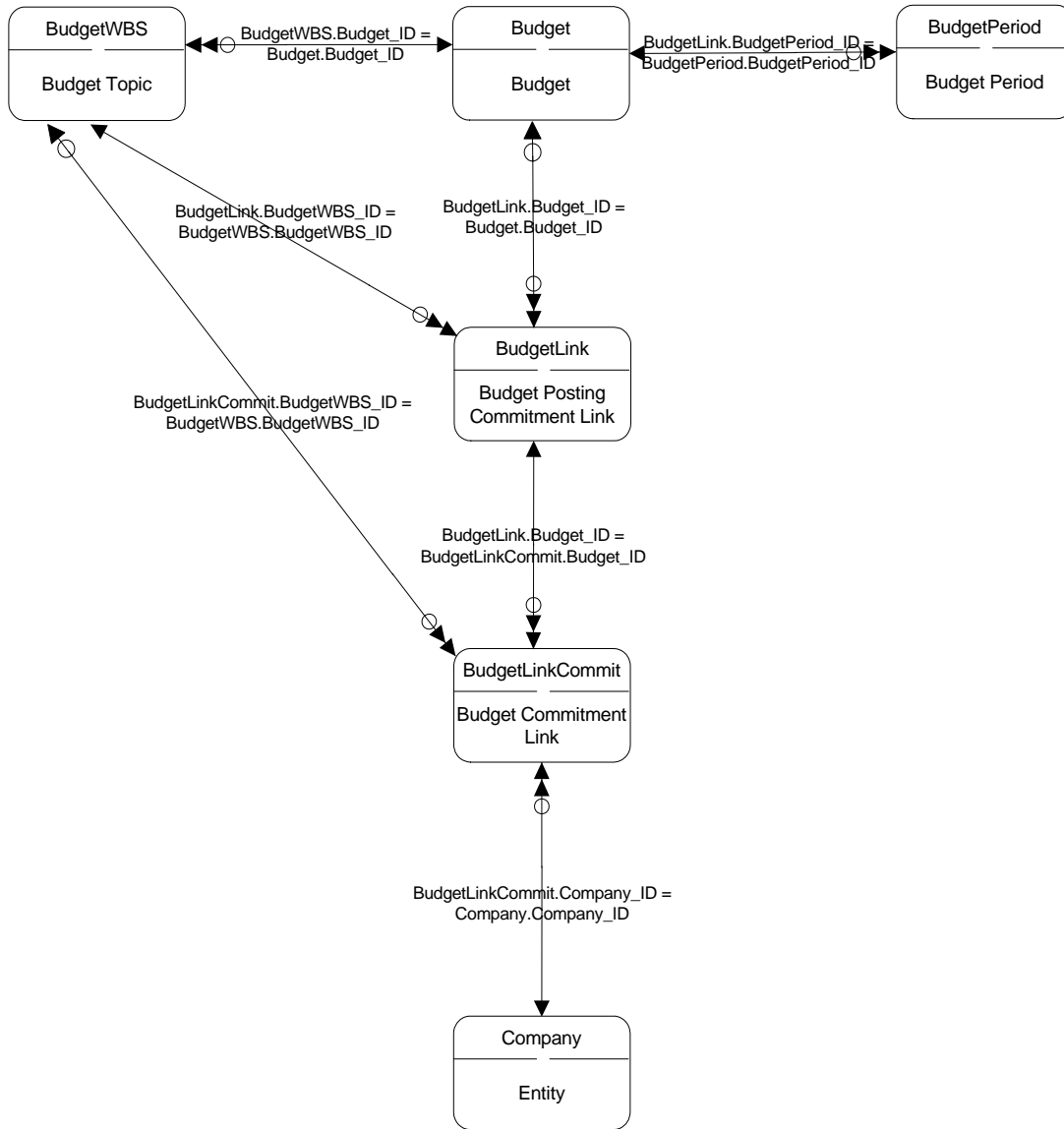
## Budgets II



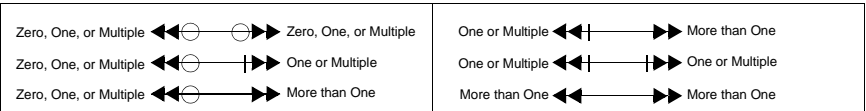
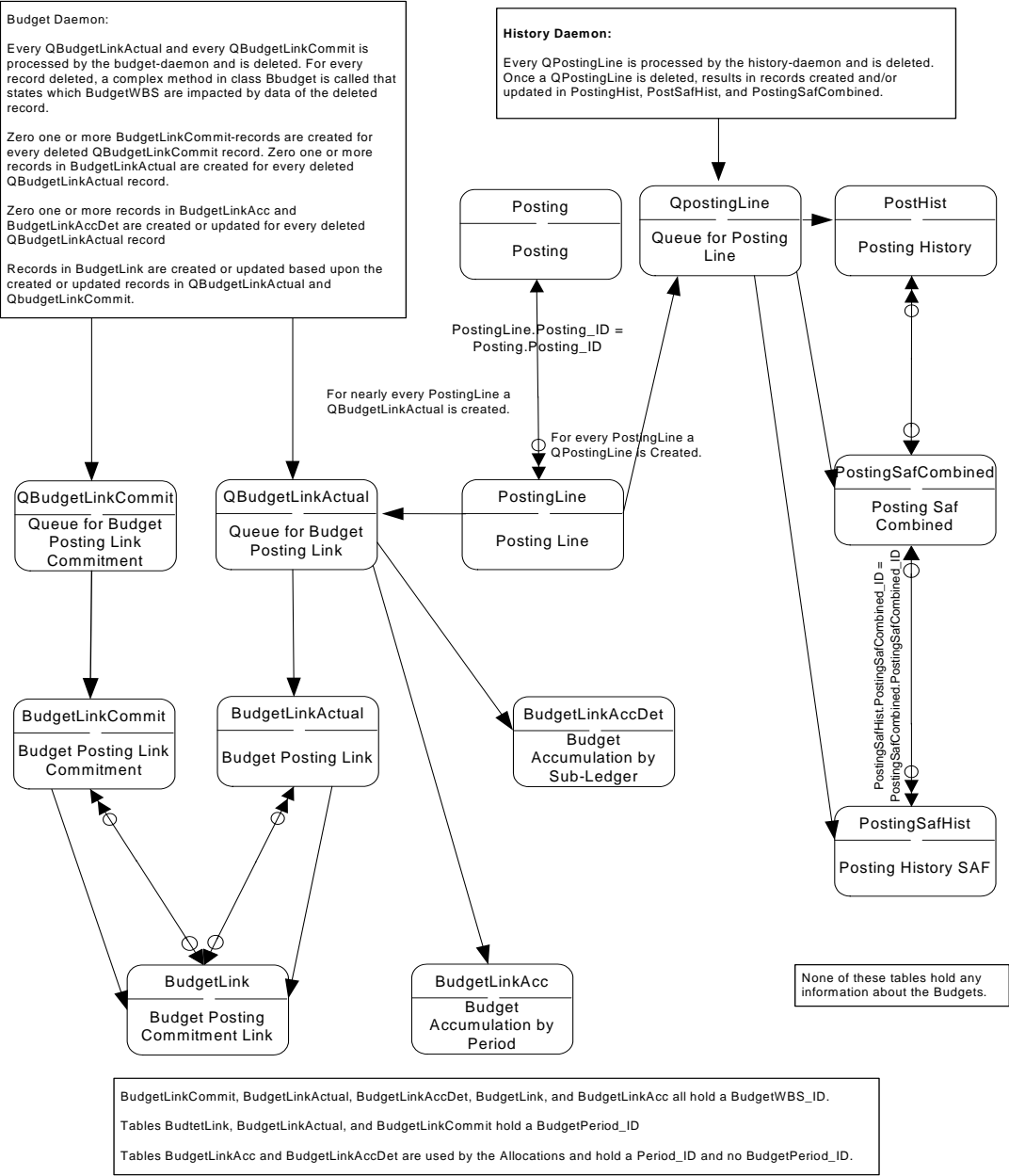
# Budget Allocations



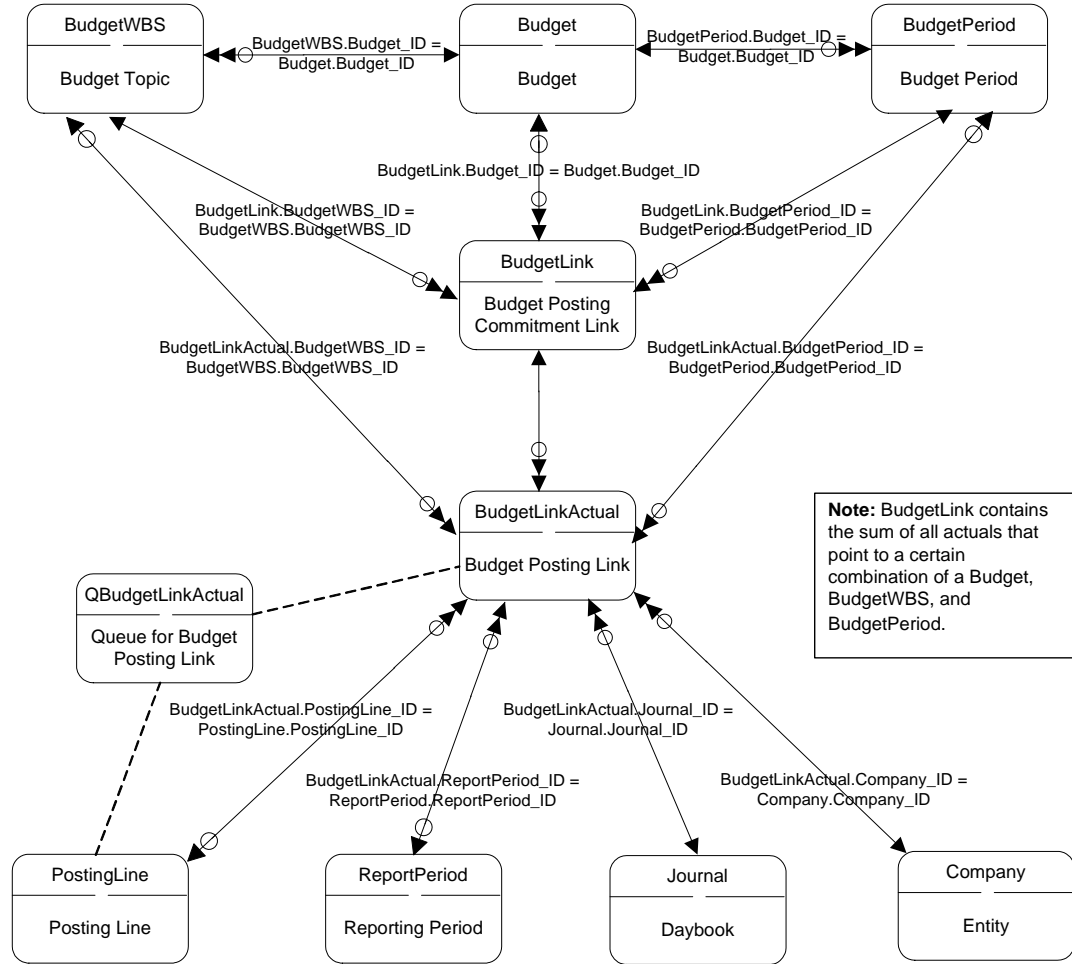
## Budget Commitments



# Budget Flow



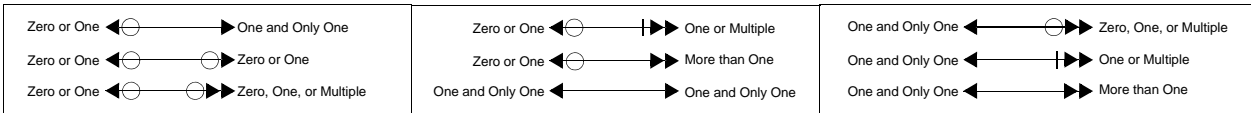
## Budget History



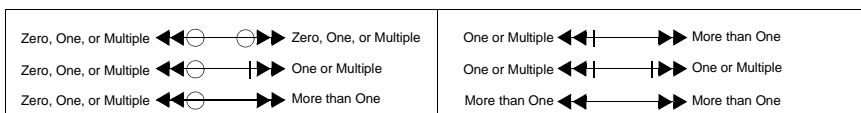
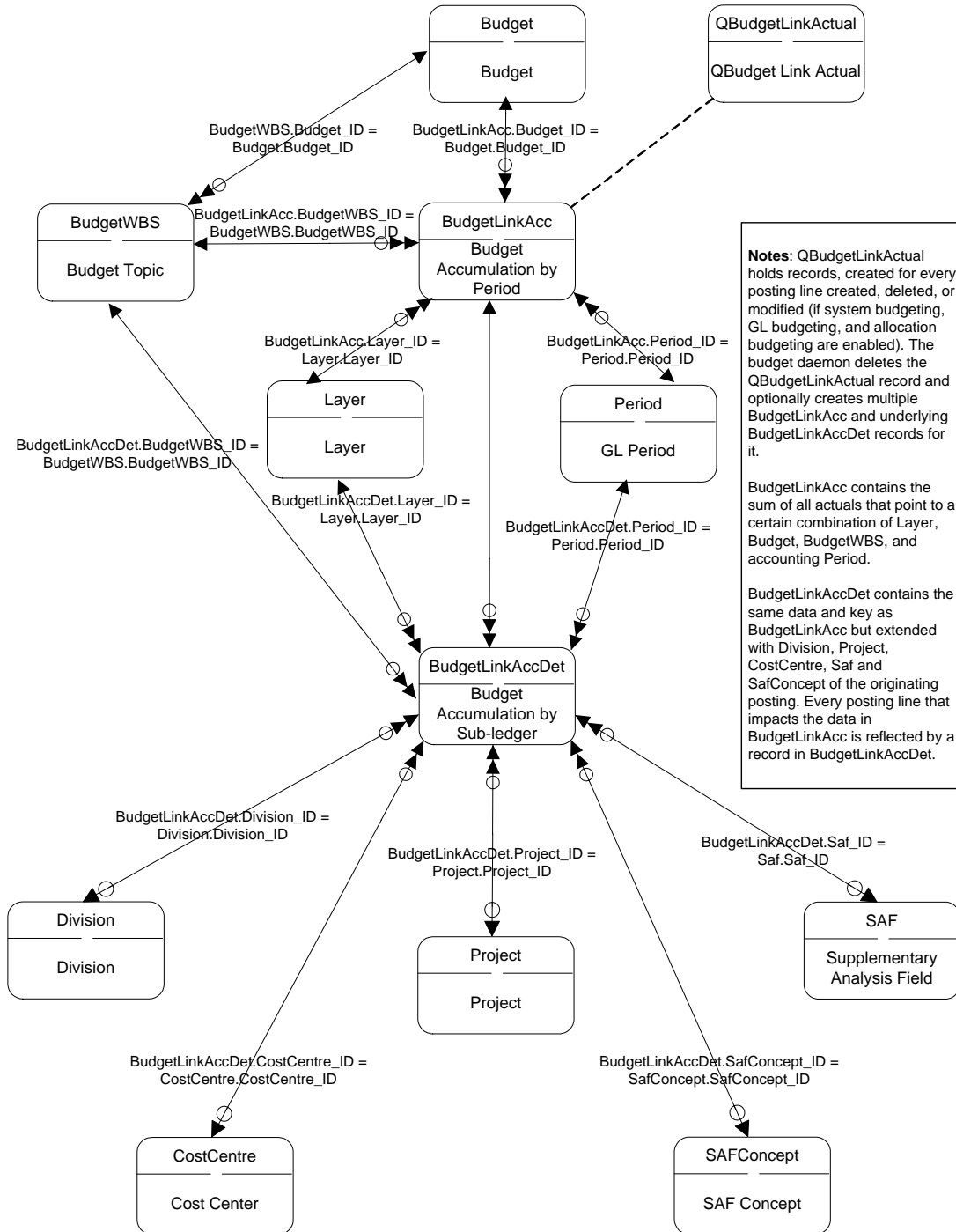
**Note:** BudgetLink contains the sum of all actuals that point to a certain combination of a Budget, BudgetWBS, and BudgetPeriod.

**Note:** Table QBudgetLinkActual is a table that holds records that are created for every posting line that is created, deleted, or modified (if the budgeting has been turned on for the system and the GL is enabled for budgeting). The budget daemon will delete the QBudgetLinkActual record and will optionally create multiple BudgetLinkActual records for it.

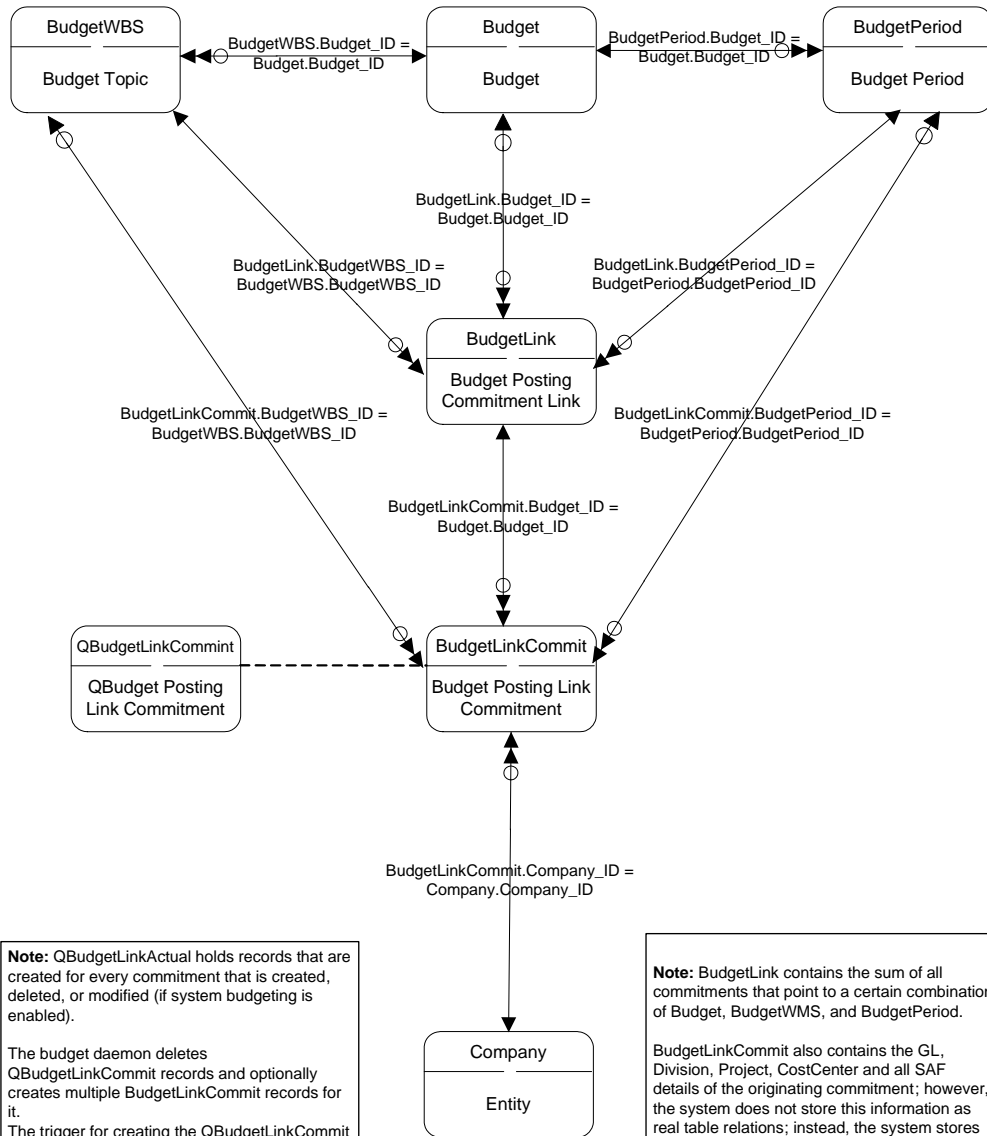
**Note:** BudgetLinkActual also contains the GL, Division, Project, CostCentre, and all SAF details of the original posting, but this information is not stored as real table relations. This information is kept by storing the code-fields and not the ID fields. Every posting line that had impacted the data in BudgetLink will also be reflected by a record in BudgetLinkActual.



# Budget History Allocations



## Budget History Commitment



**Note:** QBudgetLinkActual holds records that are created for every commitment that is created, deleted, or modified (if system budgeting is enabled).

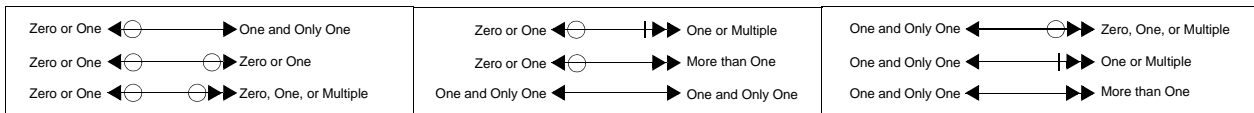
The budget daemon deletes QBudgetLinkCommit records and optionally creates multiple BudgetLinkCommit records for it.

The trigger for creating the QBudgetLinkCommit records is the same action in the operations side of the application (such as purchase orders or receipts). Please note that this is not yet implemented in the operational side of the application.

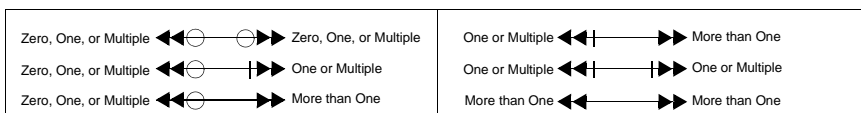
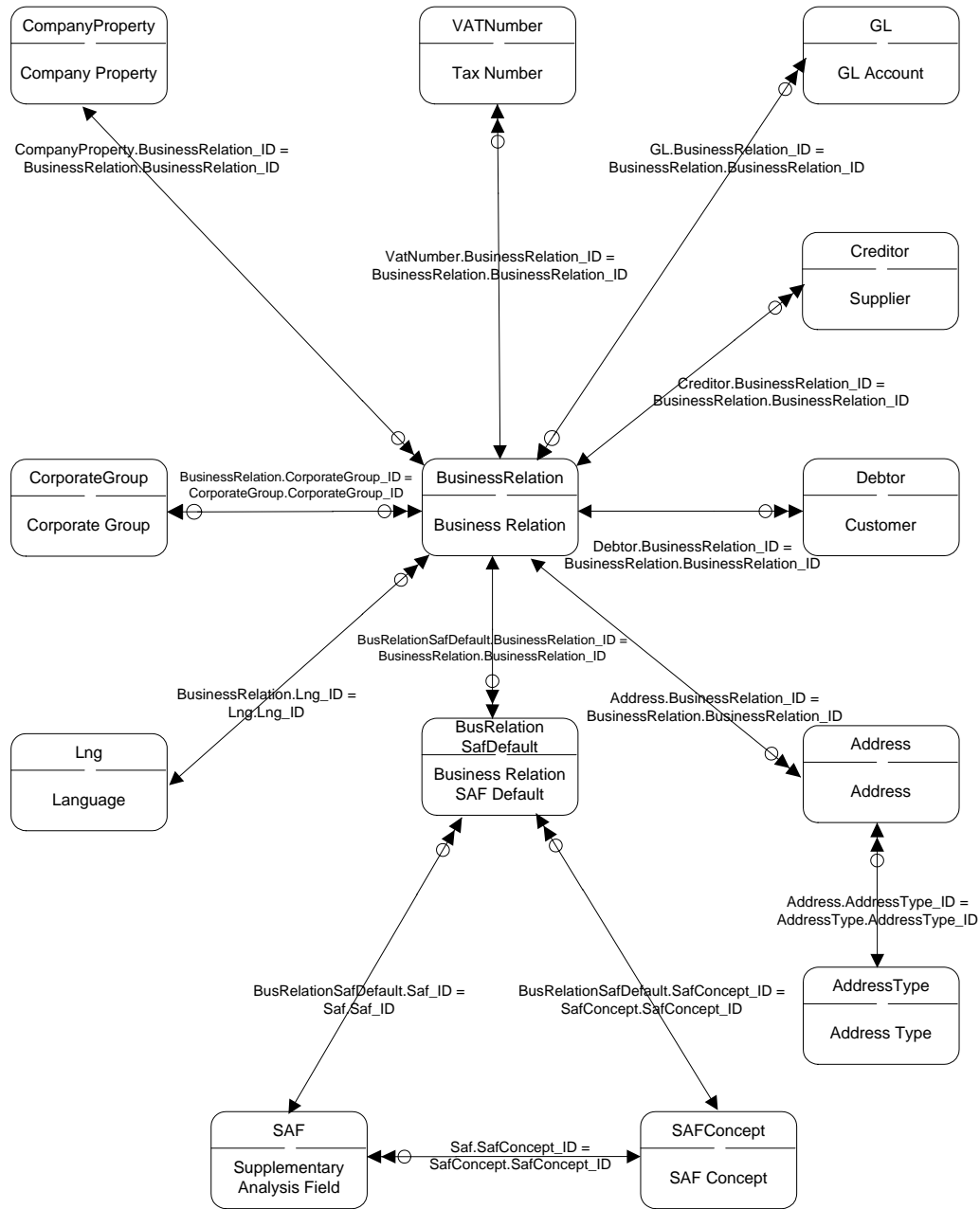
**Note:** BudgetLink contains the sum of all commitments that point to a certain combination of Budget, BudgetWMS, and BudgetPeriod.

BudgetLinkCommit also contains the GL, Division, Project, CostCenter and all SAF details of the originating commitment; however, the system does not store this information as real table relations; instead, the system stores the code fields but not ID fields.

Every commitment that has implicated data in BudgetLink is also reflected by a BudgetLinkCommit record.

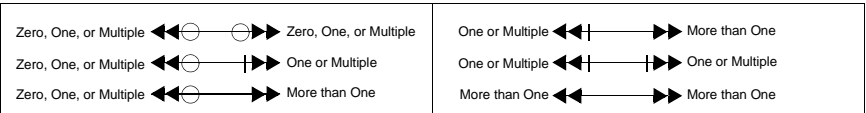
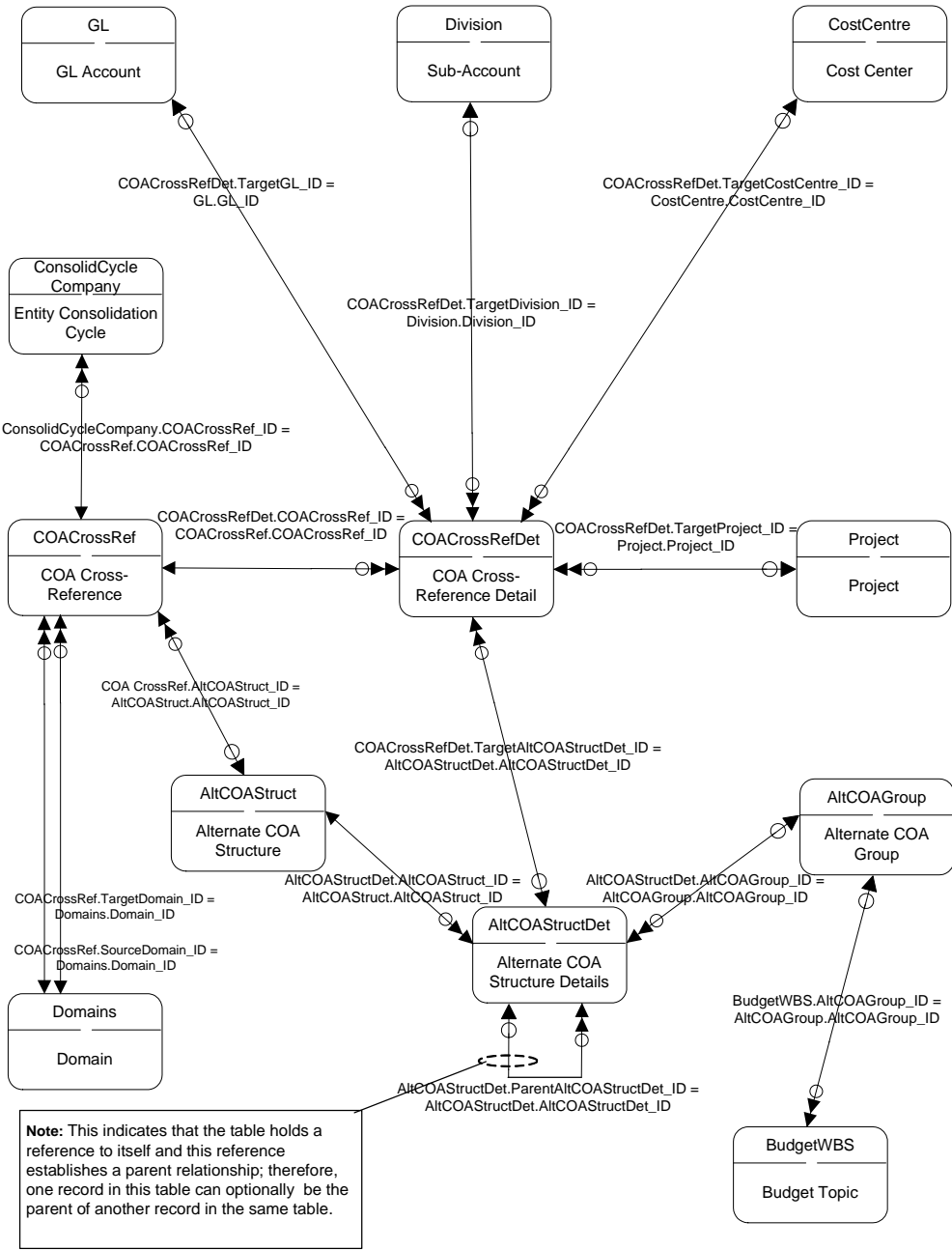


# Business Relations I

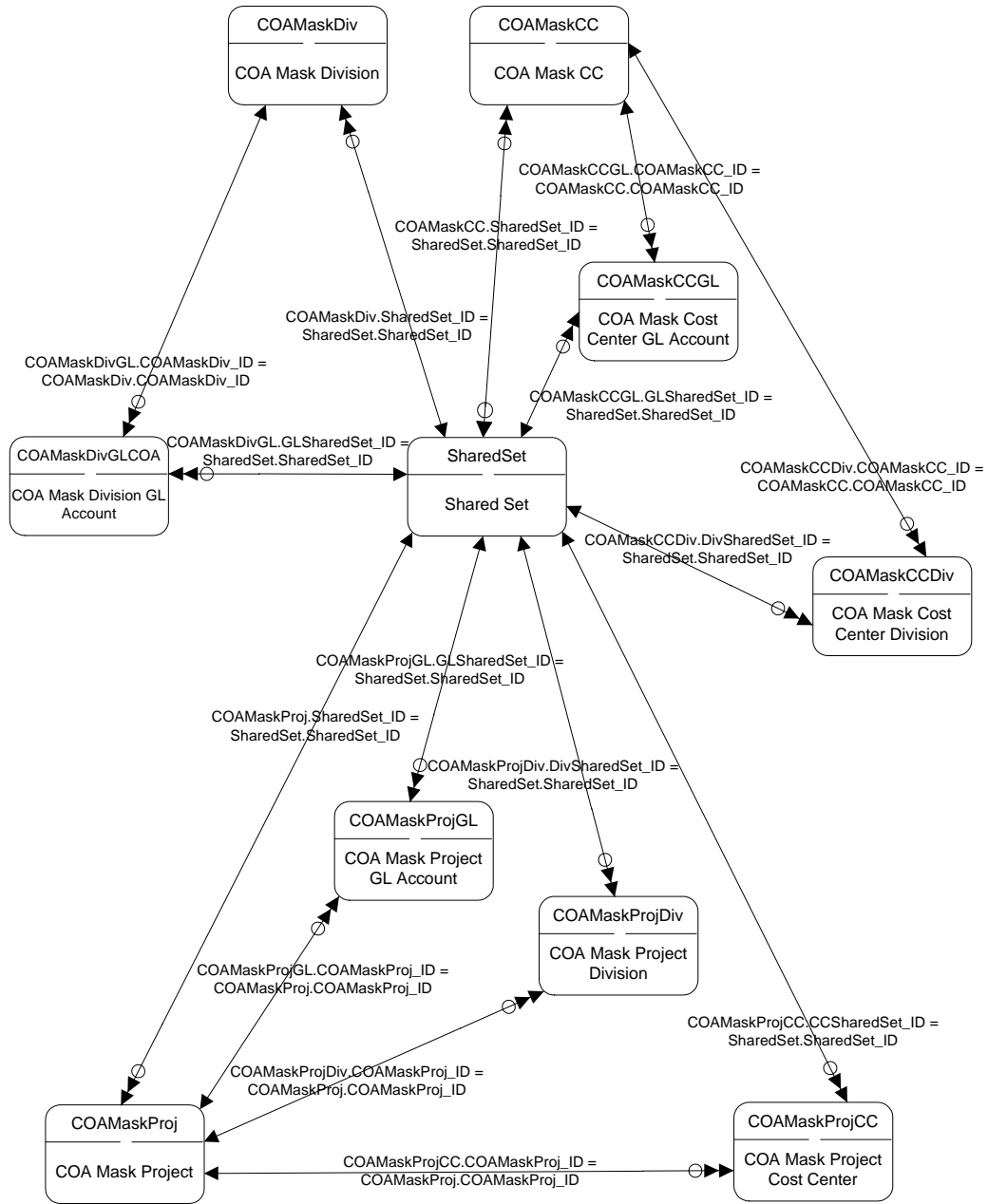




# COA Cross-Reference

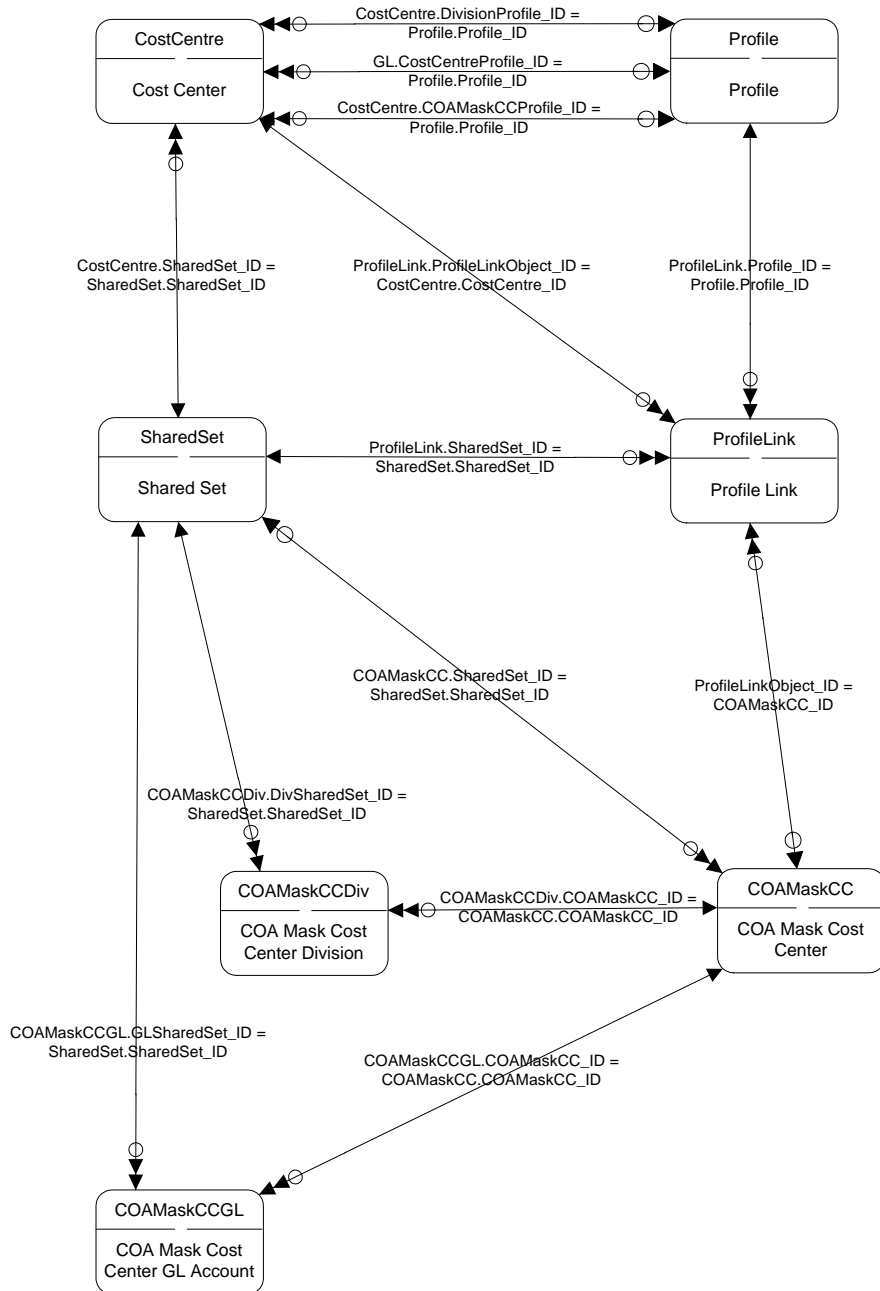


# COA Mask



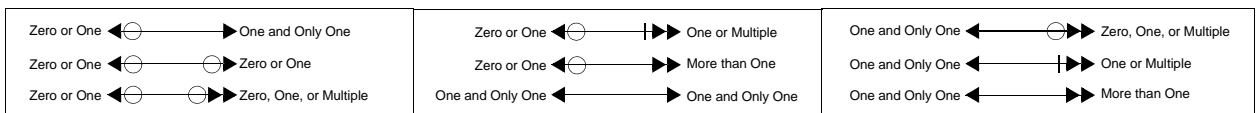
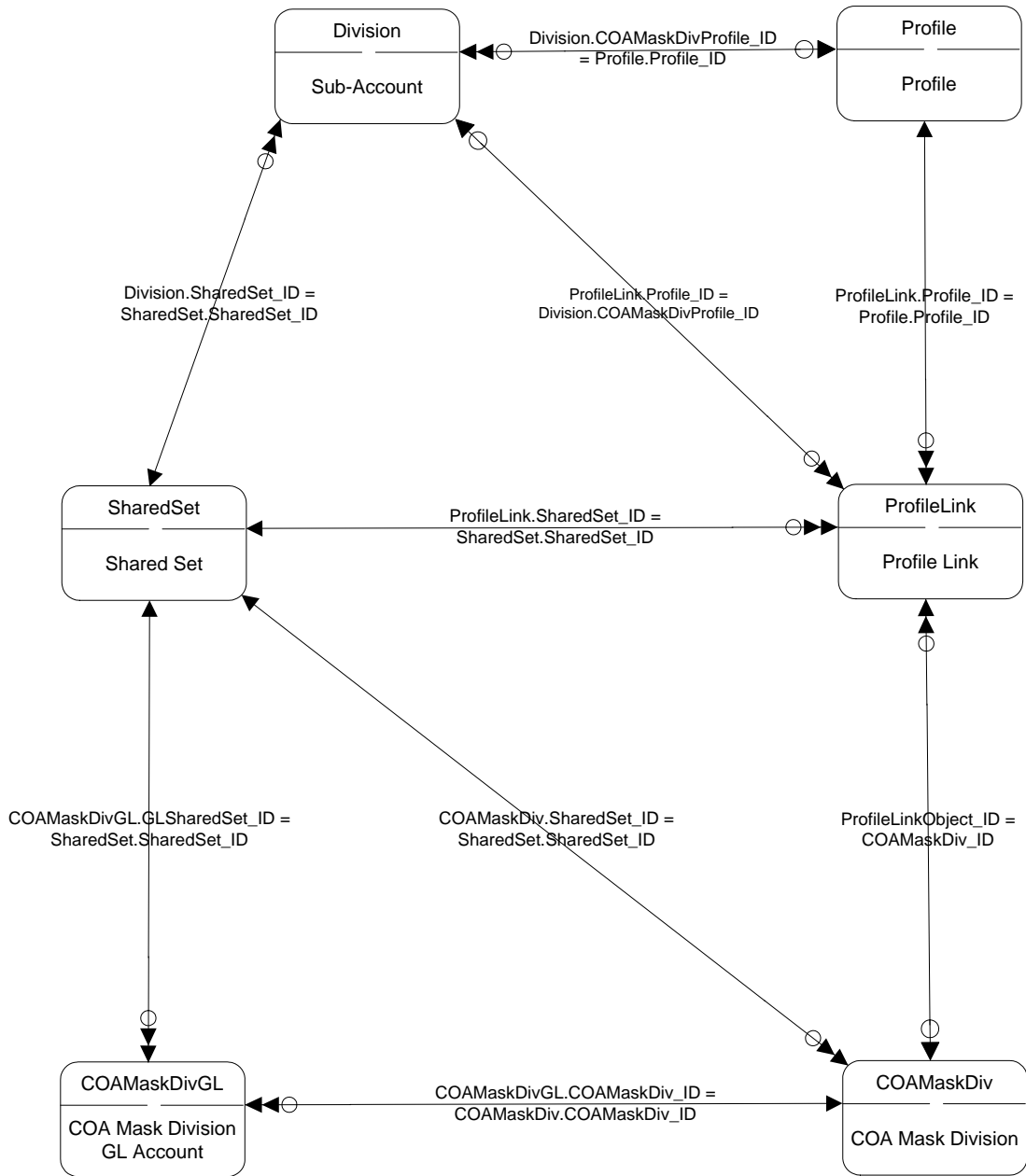
|  |   |   |
|--|---|---|
| Zero or One ← ⊖ → One and Only One           | Zero or One ← ⊖ ⊥ → One or Multiple         | One and Only One ← ⊖ ⊥ → Zero, One, or Multiple |
| Zero or One ← ⊖ ⊙ → Zero or One              | Zero or One ← ⊖ ⊞ → More than One           | One and Only One ← ⊖ ⊥ ⊥ → One or Multiple      |
| Zero or One ← ⊖ ⊙ ⊙ → Zero, One, or Multiple | One and Only One ← ⊖ ⊙ ⊙ → One and Only One | One and Only One ← ⊖ ⊙ ⊙ ⊙ → More than One      |

# COA Mask Cost Center

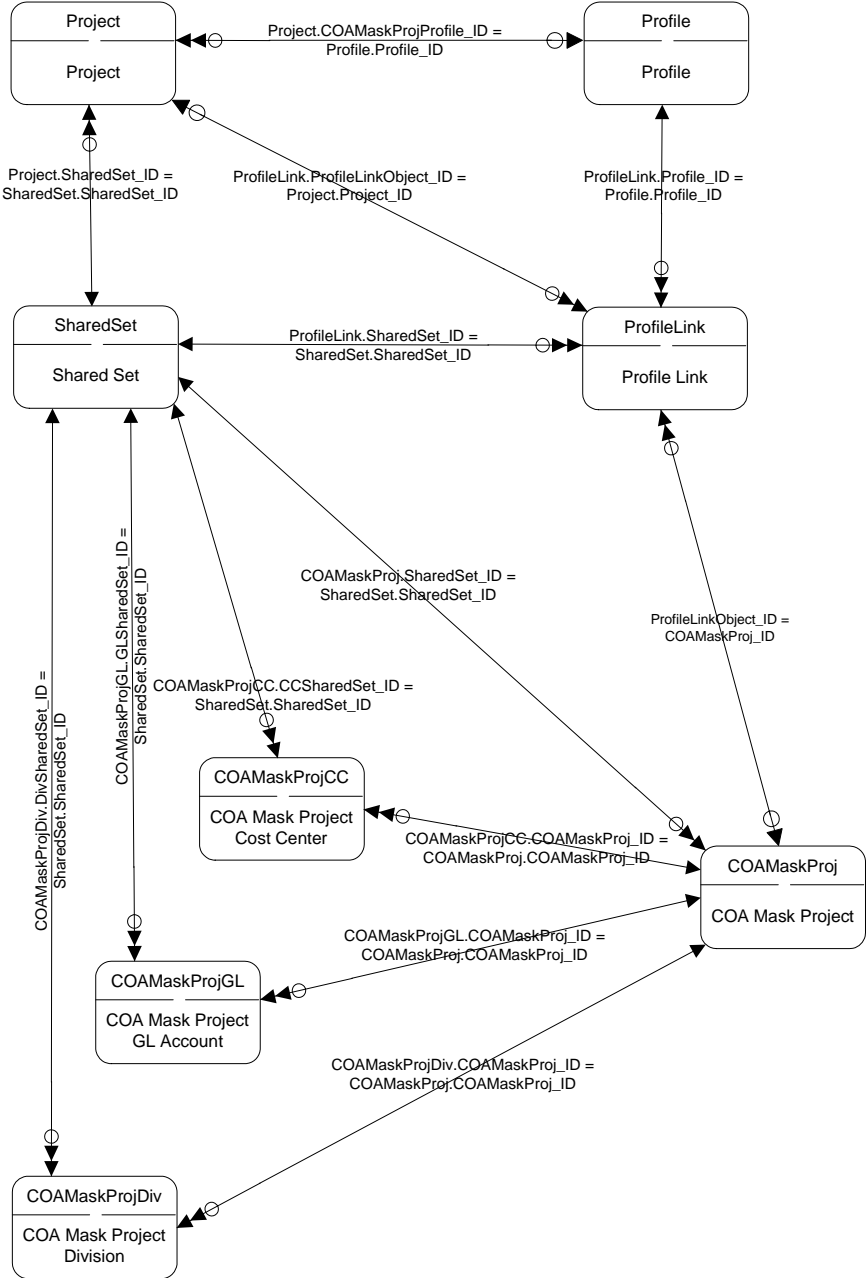


|                        |   |   |                        |                 |  |  |                 |
|------------------------|---|---|------------------------|-----------------|--|--|-----------------|
| Zero, One, or Multiple | ◯ | ◯ | Zero, One, or Multiple | One or Multiple |  |  | More than One   |
| Zero, One, or Multiple | ◯ |   | One or Multiple        | One or Multiple |  |  | One or Multiple |
| Zero, One, or Multiple | ◯ |   | More than One          | More than One   |  |  | More than One   |

## COA Mask Division

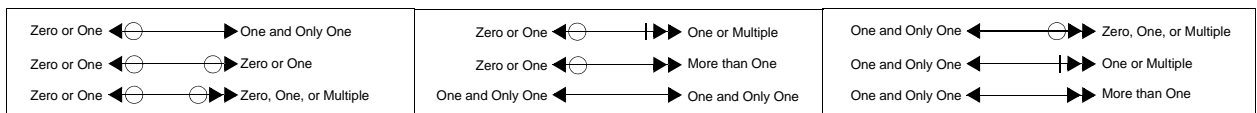
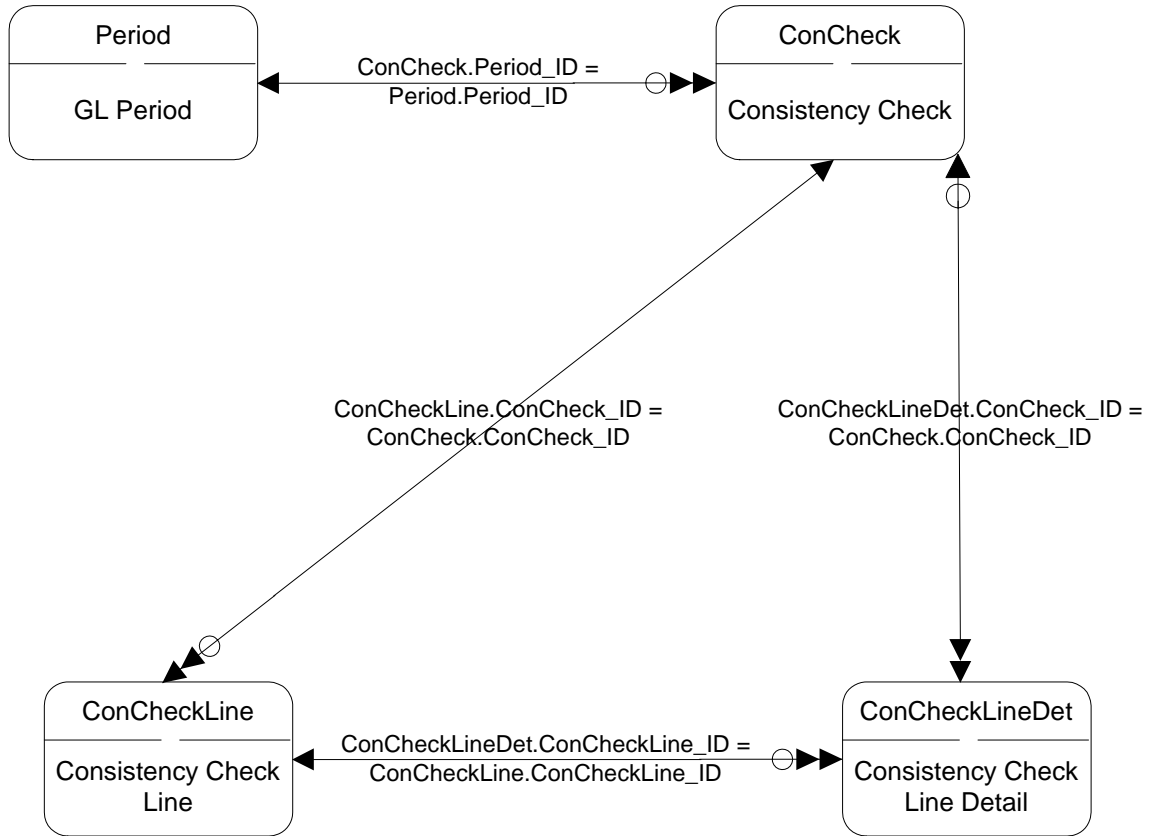


# COA Mask Project

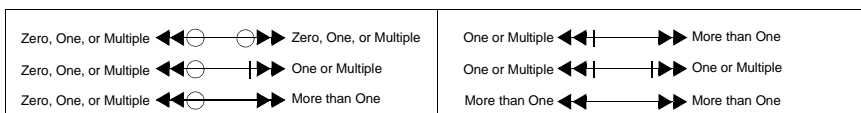
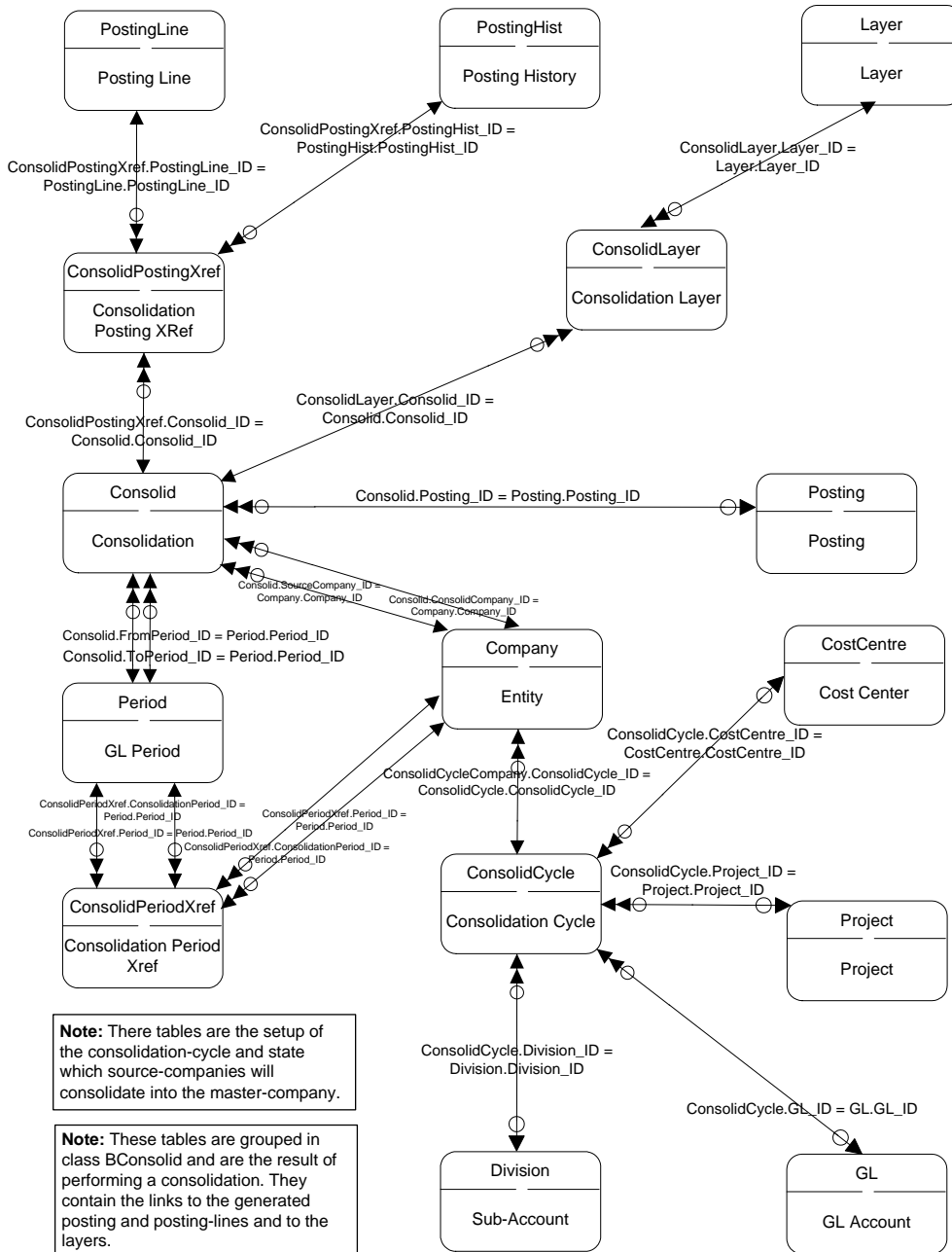


|                        |     |     |                        |                 |    |    |                 |
|------------------------|-----|-----|------------------------|-----------------|----|----|-----------------|
| Zero, One, or Multiple | ◀◀○ | ○▶▶ | Zero, One, or Multiple | One or Multiple | ◀◀ | ▶▶ | More than One   |
| Zero, One, or Multiple | ◀◀○ | ▶▶  | One or Multiple        | One or Multiple | ◀◀ | ▶▶ | One or Multiple |
| Zero, One, or Multiple | ◀◀○ | ▶▶  | More than One          | More than One   | ◀◀ | ▶▶ | More than One   |

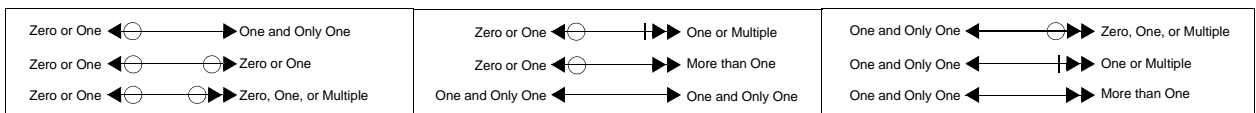
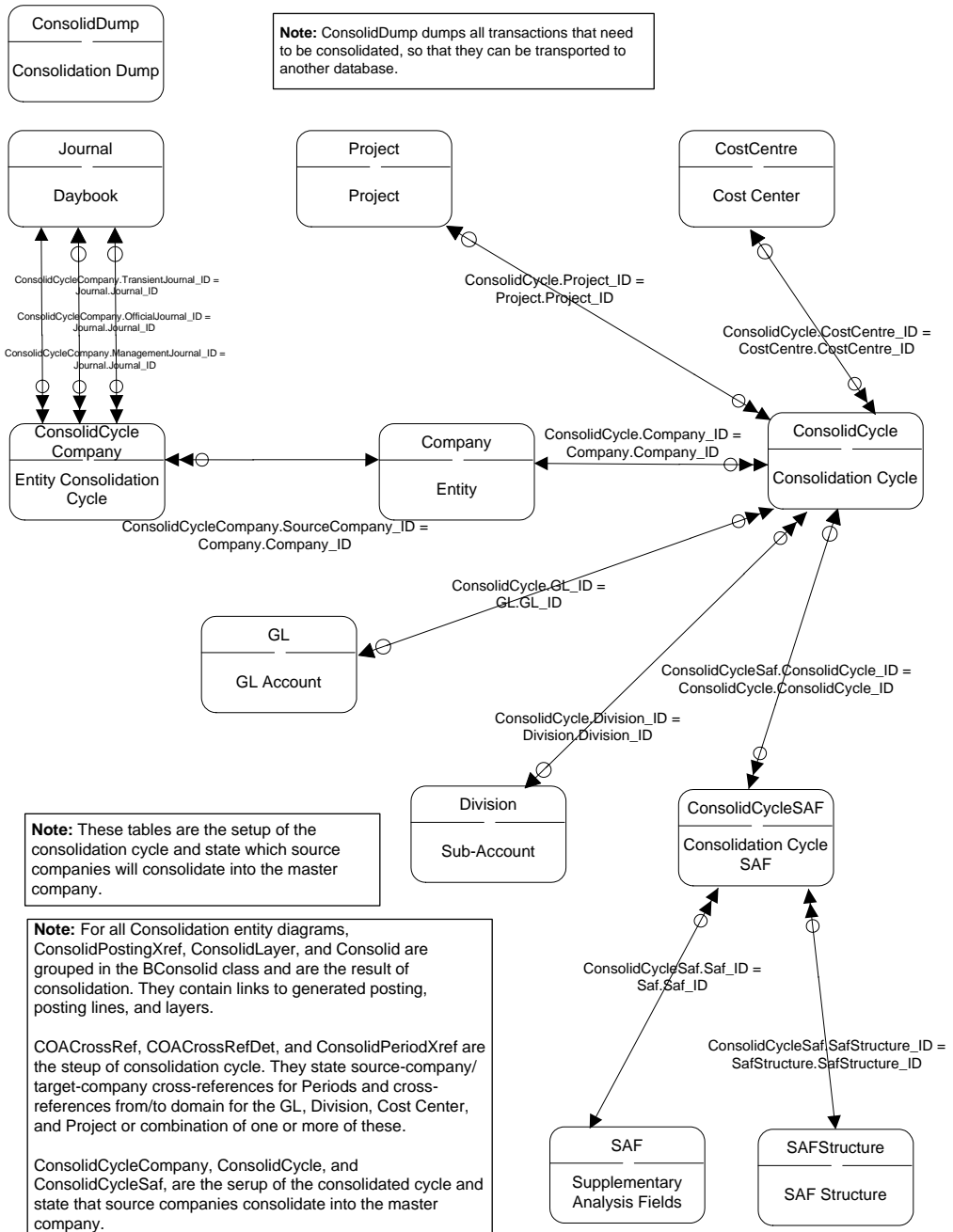
## Consistency Check



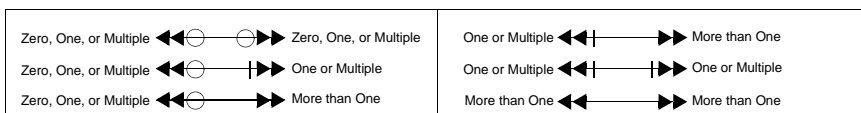
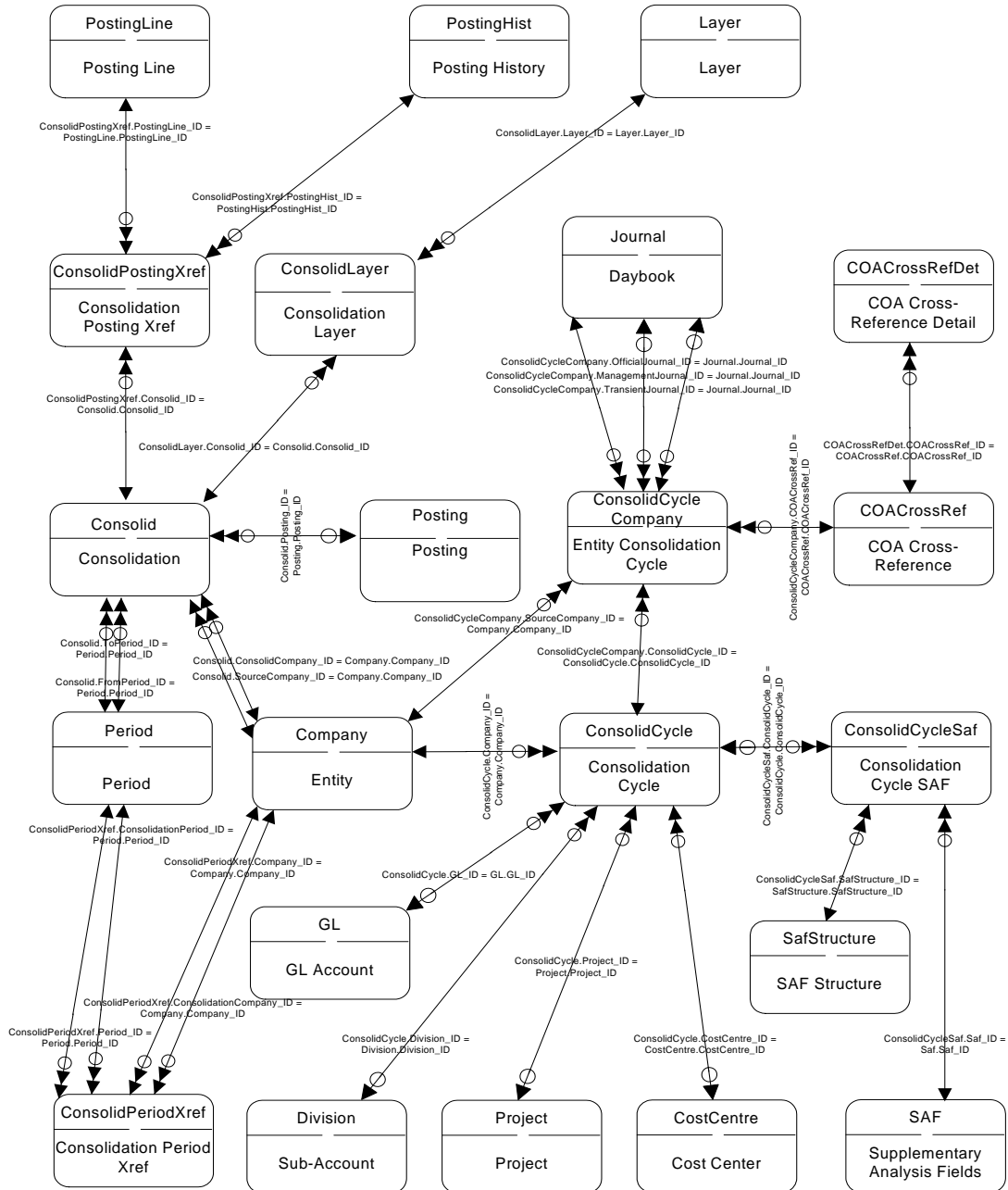
# Consolidation I



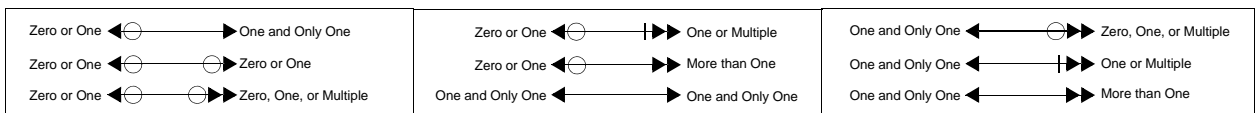
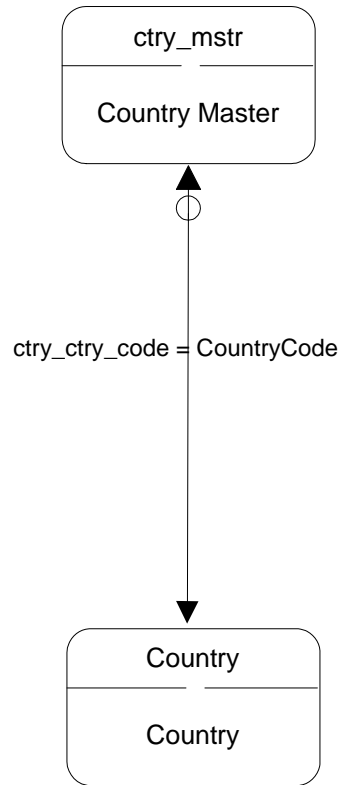
# Consolidation II



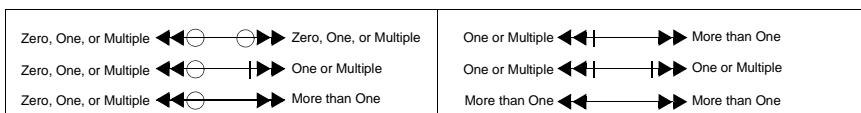
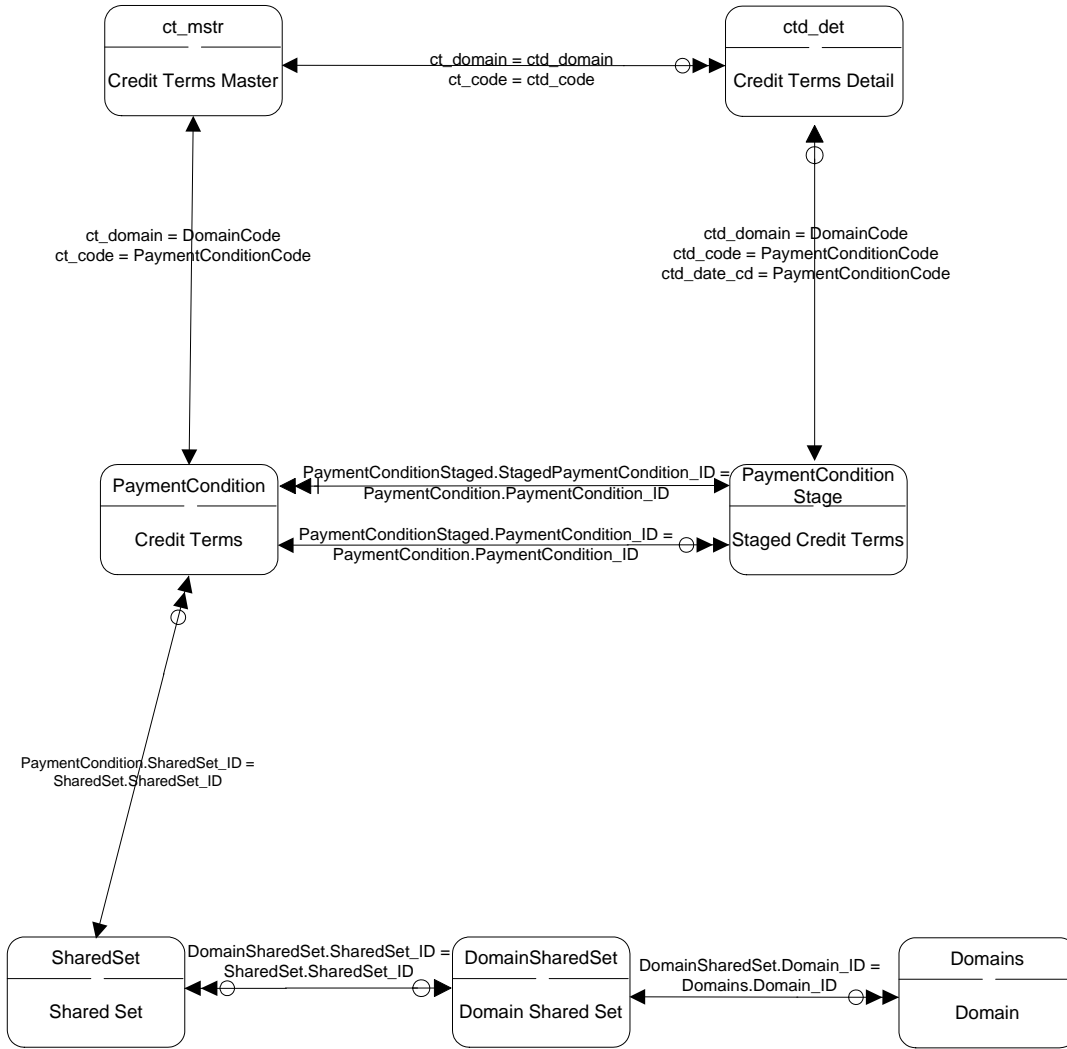
# Consolidation III



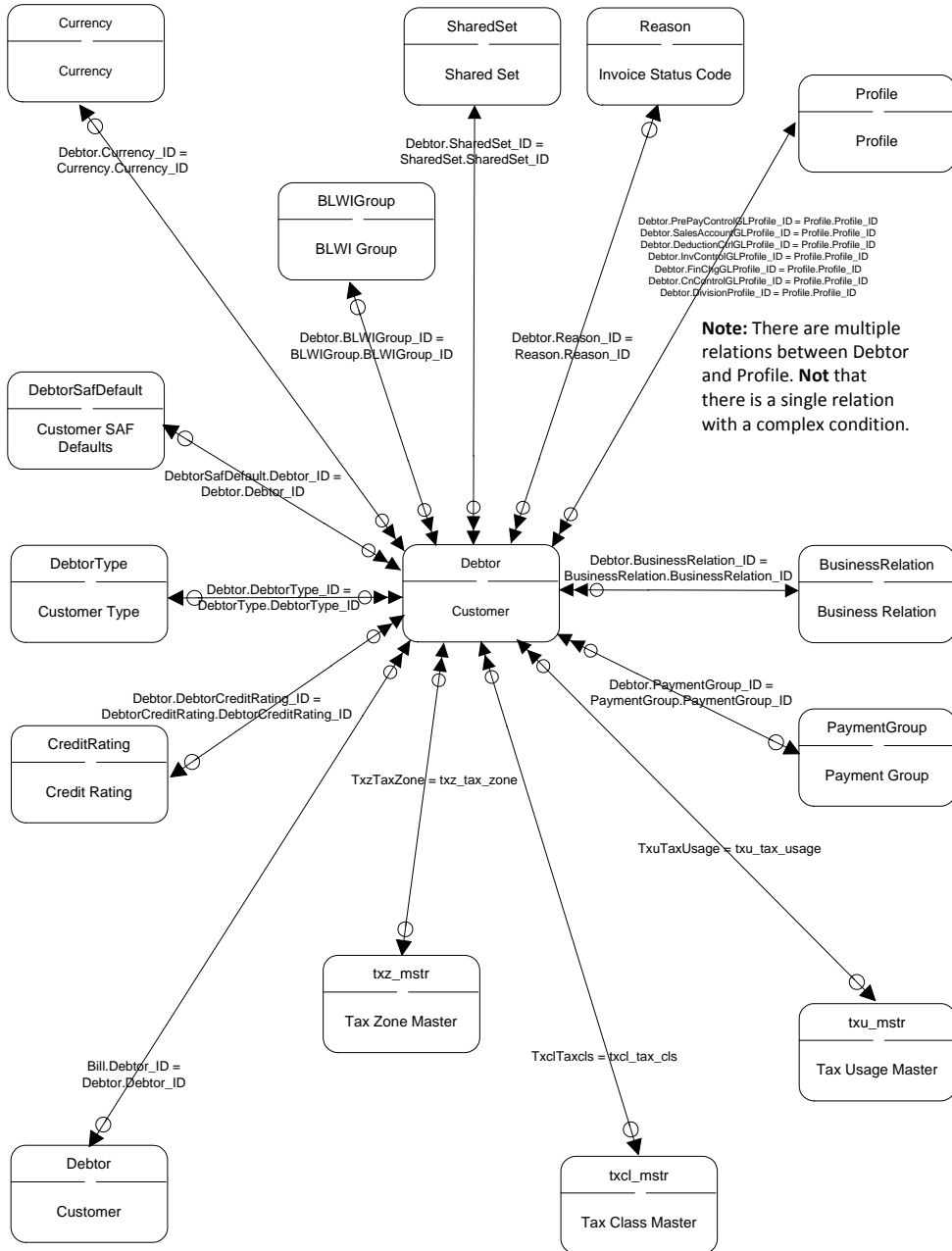
# Country



# Credit Terms

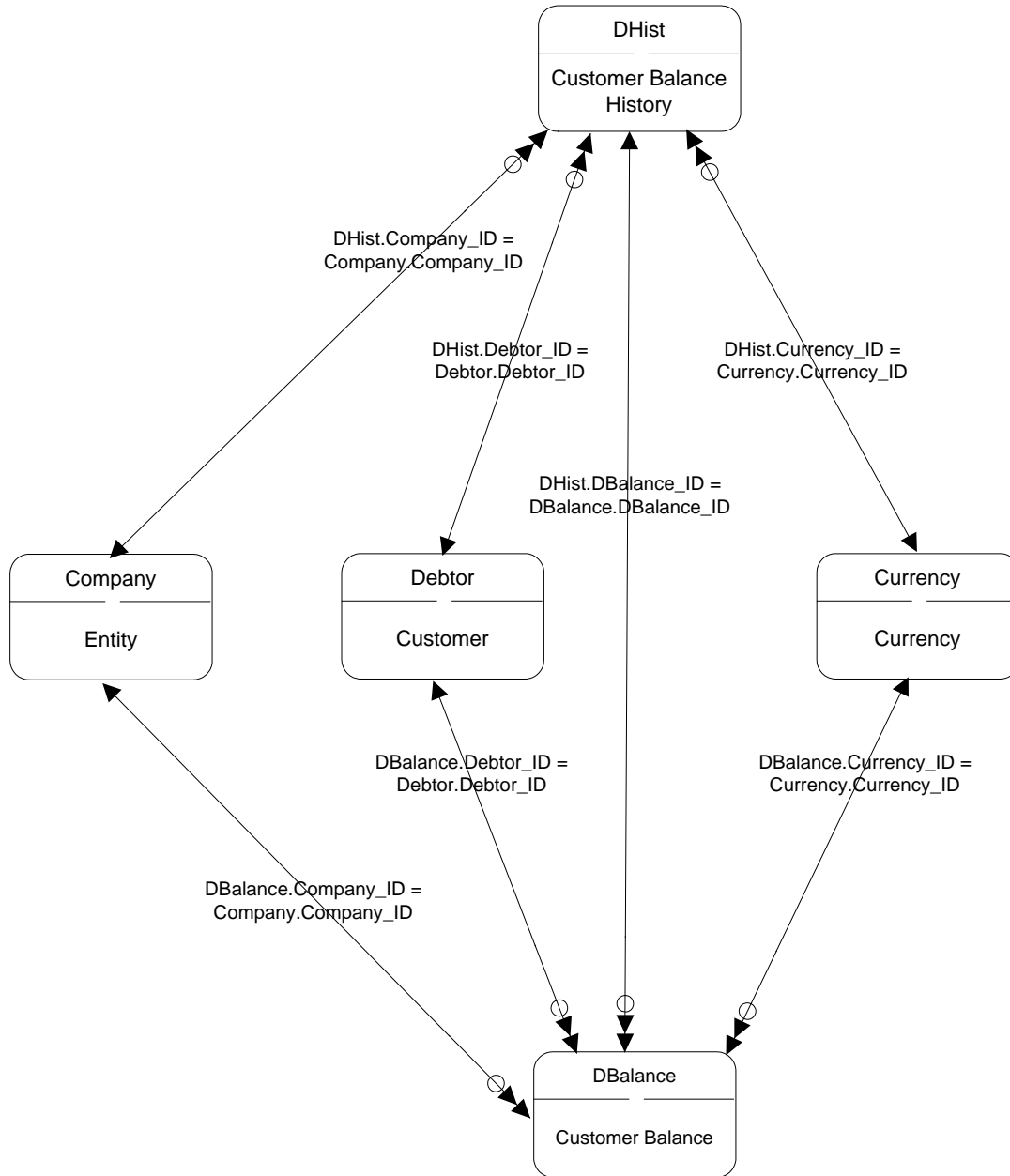


# Customer



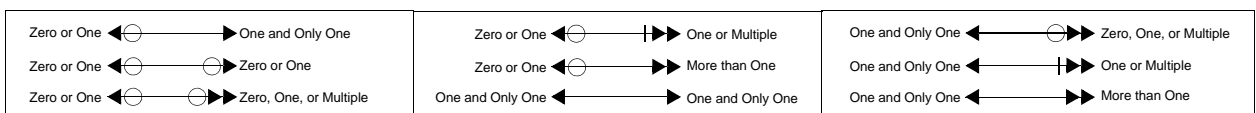
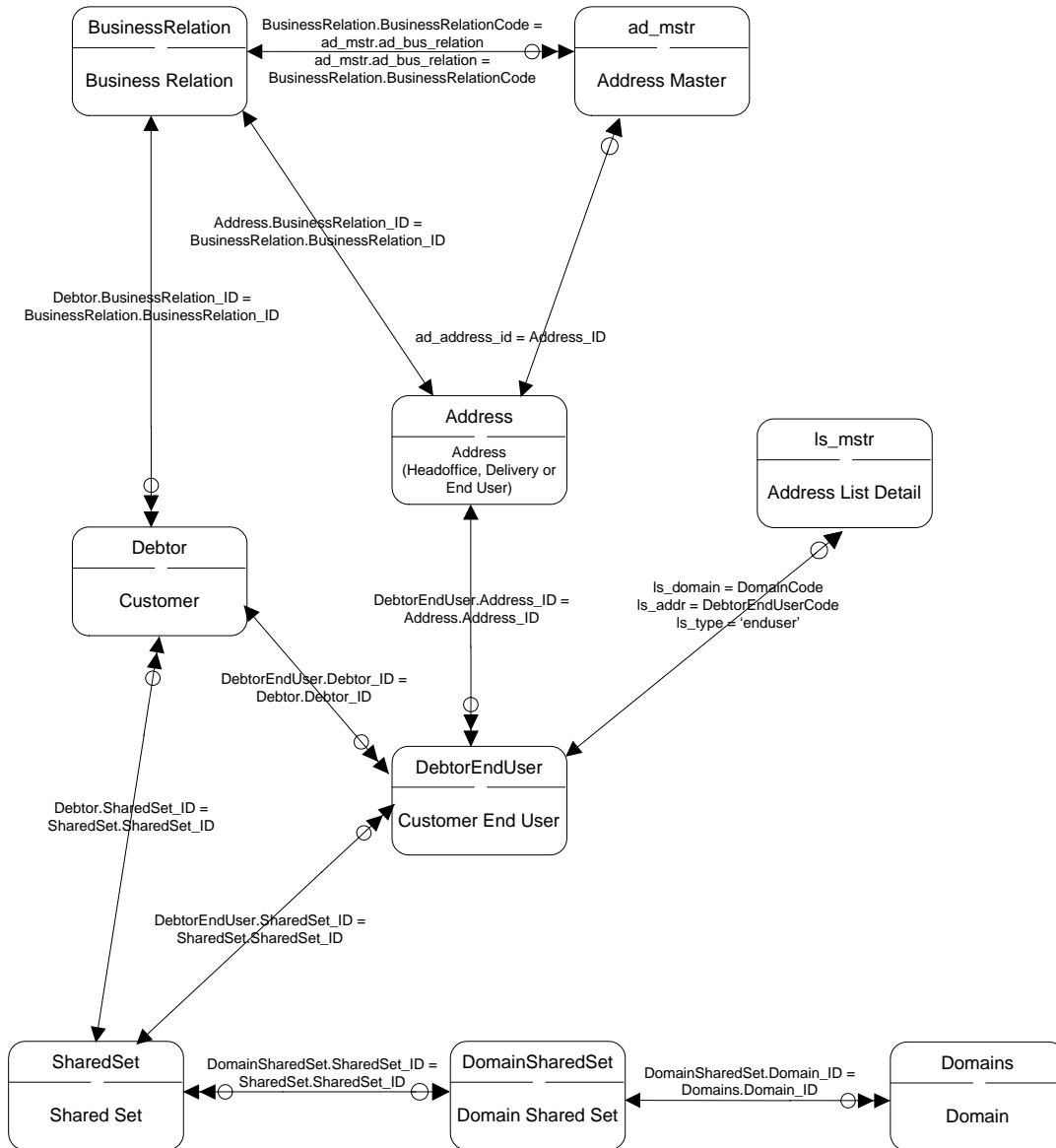
|  |   |   |
|--|---|---|
| Zero or One ← ⊖ → One and Only One           | Zero or One ← ⊖ ⊥ → One or Multiple           | One and Only One ← ⊖ ⊥ → Zero, One, or Multiple |
| Zero or One ← ⊖ ⊖ → Zero or One              | Zero or One ← ⊖ ⊥ ⊥ → More than One           | One and Only One ← ⊖ ⊥ ⊥ → One or Multiple      |
| Zero or One ← ⊖ ⊖ ⊖ → Zero, One, or Multiple | One and Only One ← ⊖ ⊥ ⊥ ⊥ → One and Only One | One and Only One ← ⊖ ⊥ ⊥ ⊥ → More than One      |

# Customer Balance

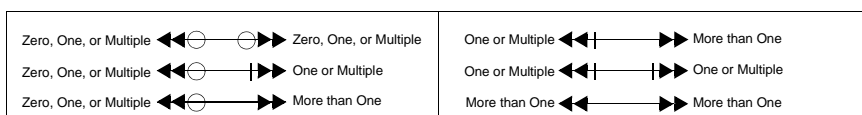
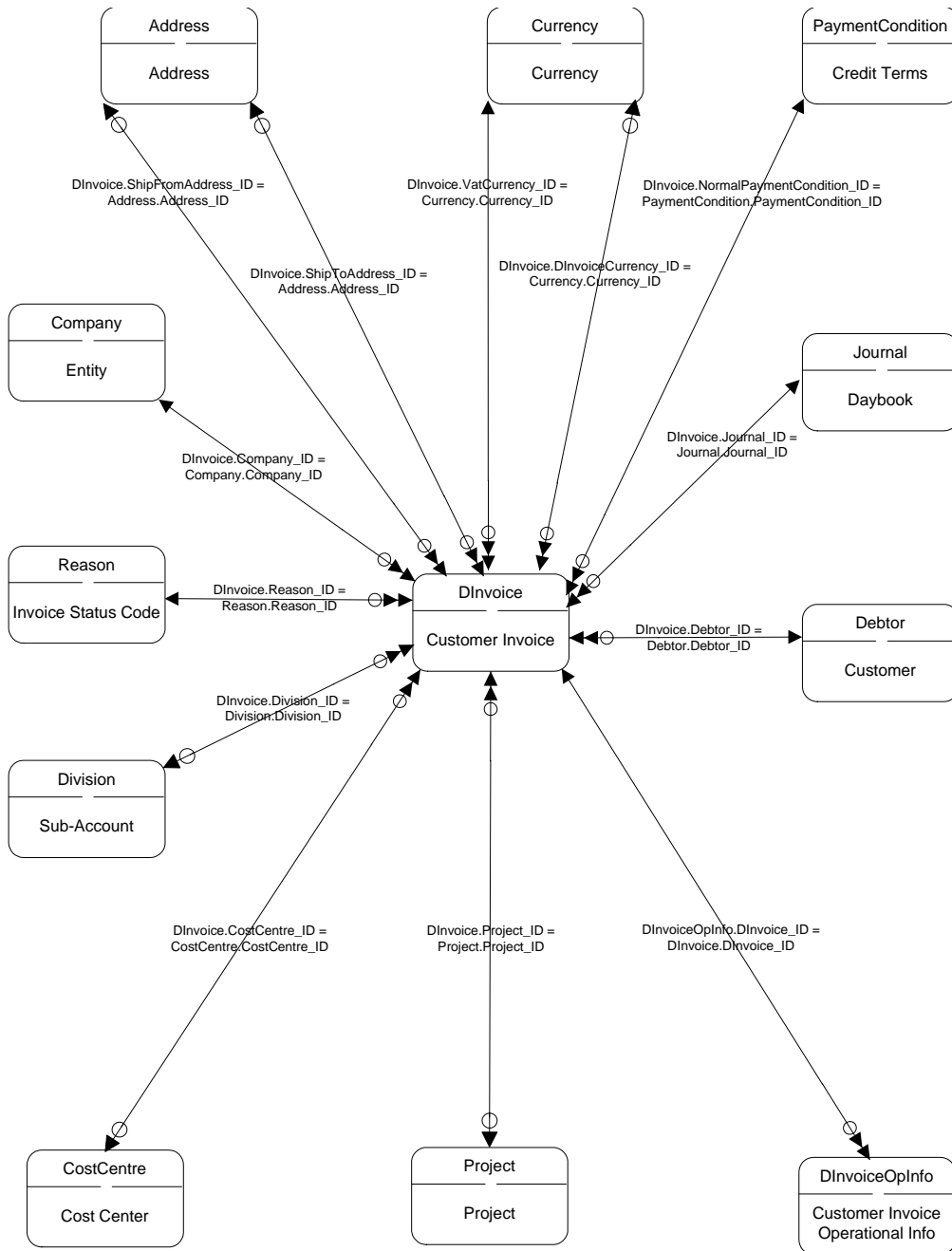


|                        |     |     |                        |                 |    |    |                 |
|------------------------|-----|-----|------------------------|-----------------|----|----|-----------------|
| Zero, One, or Multiple | ◀◀○ | ○▶▶ | Zero, One, or Multiple | One or Multiple | ◀◀ | ▶▶ | More than One   |
| Zero, One, or Multiple | ◀◀○ | ▶▶  | One or Multiple        | One or Multiple | ◀◀ | ▶▶ | One or Multiple |
| Zero, One, or Multiple | ◀◀○ | ▶▶  | More than One          | More than One   | ◀◀ | ▶▶ | More than One   |

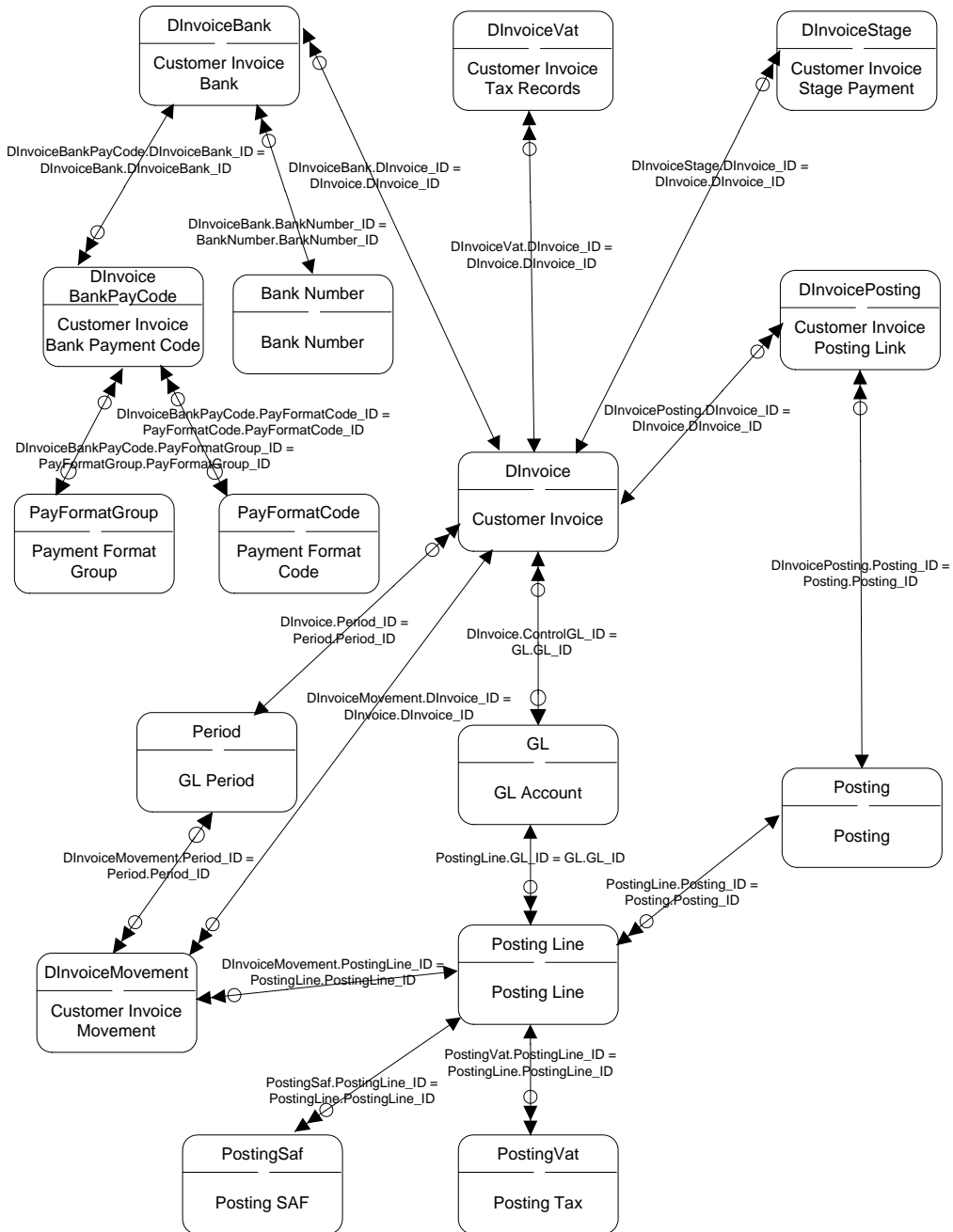
## Customer End User



# Customer Invoice I

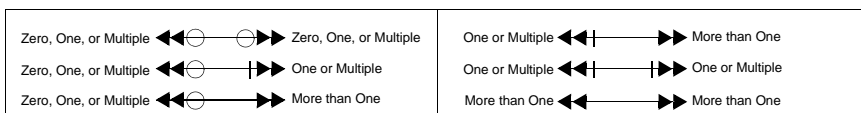
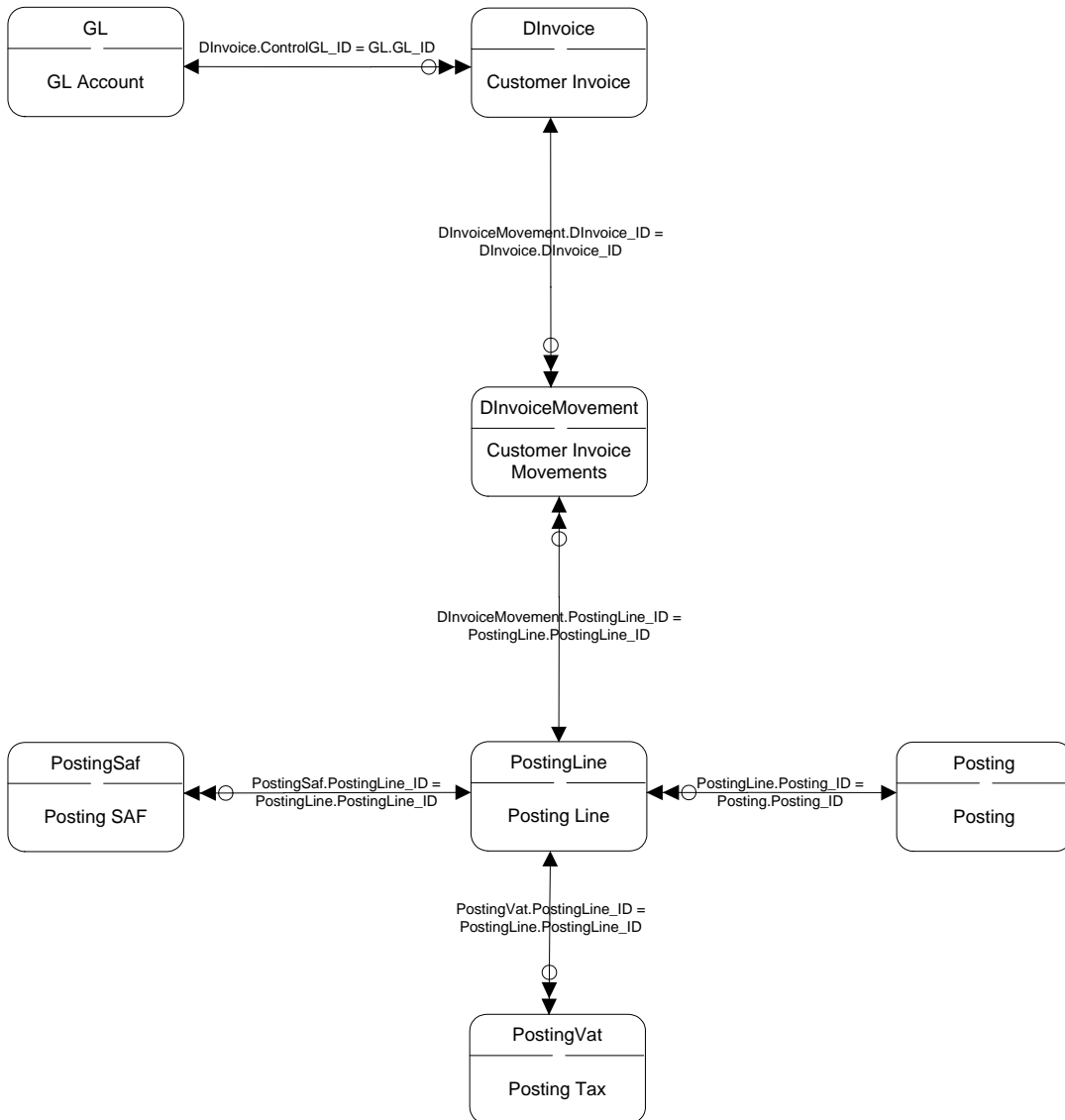


## Customer Invoice II



|  |   |   |
|--|---|---|
| Zero or One ← ⊕ → One and Only One           | Zero or One ← ⊕ ⊥ → One or Multiple         | One and Only One ← ⊕ ⊥ → Zero, One, or Multiple |
| Zero or One ← ⊕ ⊕ → Zero or One              | Zero or One ← ⊕ ⊥ ⊥ → More than One         | One and Only One ← ⊕ ⊥ ⊥ → One or Multiple      |
| Zero or One ← ⊕ ⊕ ⊕ → Zero, One, or Multiple | One and Only One ← ⊕ ⊕ ⊕ → One and Only One | One and Only One ← ⊕ ⊕ ⊕ → More than One        |

# Customer Invoice Movement

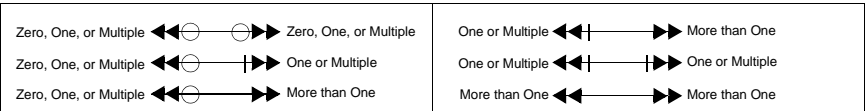
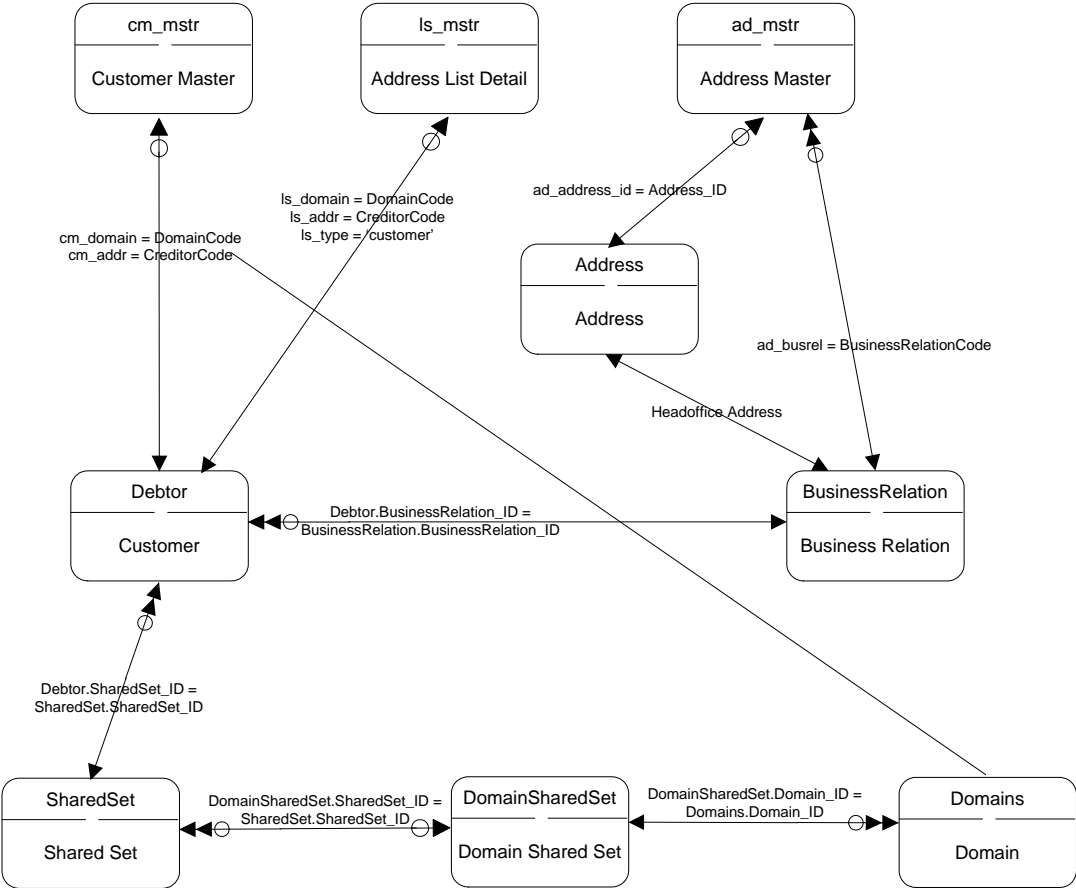


# Customer Payments

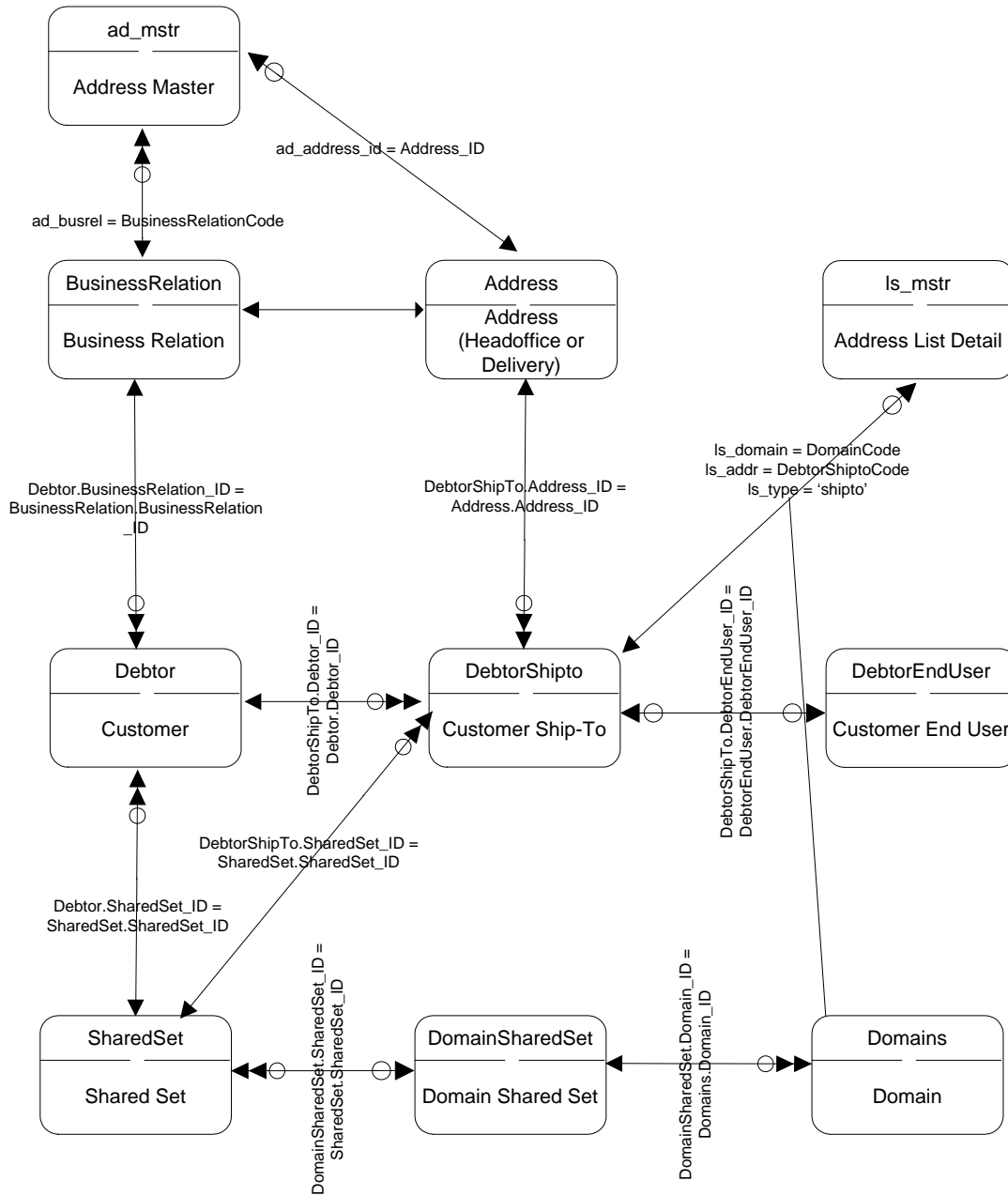


|  |  |  |
|--|--|--|
| Zero or One $\leftarrow \ominus \longrightarrow$ One and Only One                      | Zero or One $\leftarrow \ominus \dashv \longrightarrow$ One or Multiple              | One and Only One $\leftarrow \ominus \dashv \longrightarrow$ Zero, One, or Multiple      |
| Zero or One $\leftarrow \ominus \longrightarrow \ominus$ Zero or One                   | Zero or One $\leftarrow \ominus \dashv \longrightarrow \dashv$ More than One         | One and Only One $\leftarrow \ominus \dashv \longrightarrow \dashv$ One or Multiple      |
| Zero or One $\leftarrow \ominus \longrightarrow \ominus \dashv$ Zero, One, or Multiple | One and Only One $\leftarrow \ominus \dashv \longrightarrow \dashv$ One and Only One | One and Only One $\leftarrow \ominus \dashv \longrightarrow \dashv \dashv$ More than One |

# Customer Replication

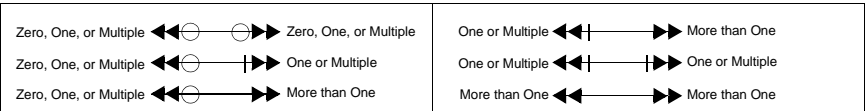
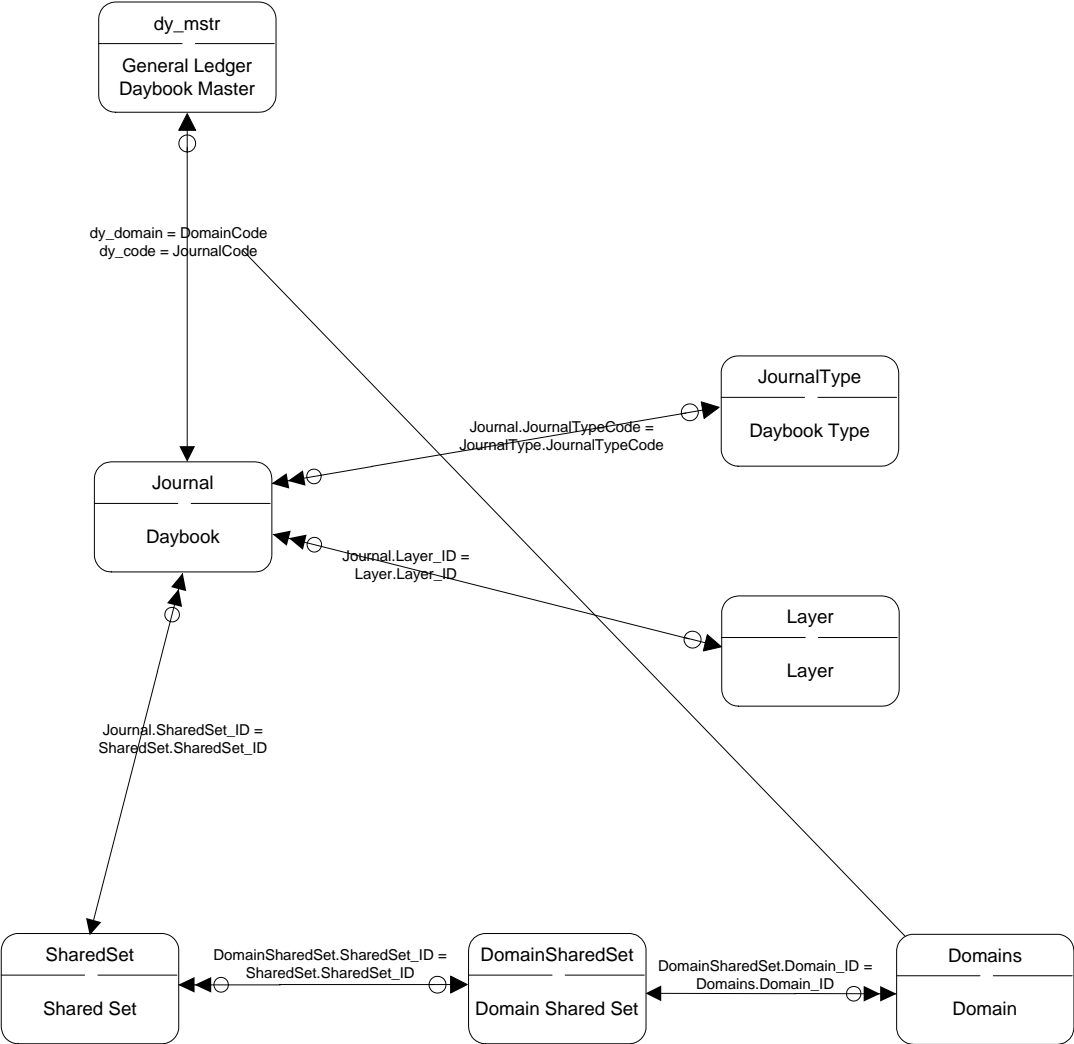


## Customer Ship-To

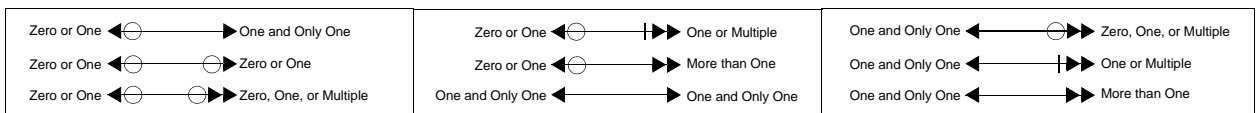
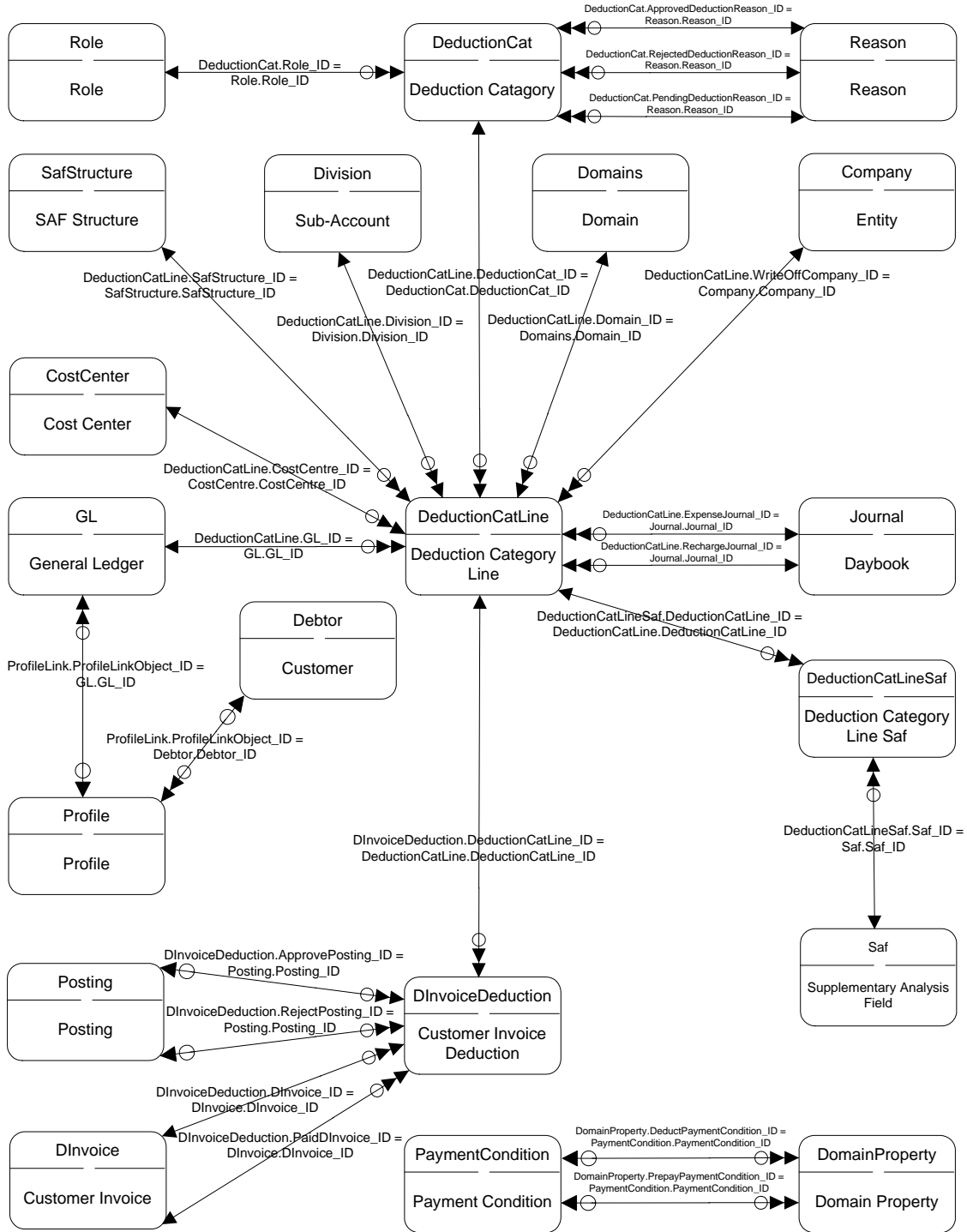


|   |  |   |
|---|--|---|
| Zero or One $\leftarrow \ominus \longrightarrow$ One and Only One             | Zero or One $\leftarrow \ominus \parallel \longrightarrow$ One or Multiple | One and Only One $\leftarrow \ominus \longrightarrow$ Zero, One, or Multiple    |
| Zero or One $\leftarrow \ominus \circ \longrightarrow$ Zero or One            | Zero or One $\leftarrow \ominus \longrightarrow$ More than One             | One and Only One $\leftarrow \ominus \parallel \longrightarrow$ One or Multiple |
| Zero or One $\leftarrow \ominus \circ \longrightarrow$ Zero, One, or Multiple | One and Only One $\leftarrow \ominus \longrightarrow$ One and Only One     | One and Only One $\leftarrow \ominus \parallel \longrightarrow$ More than One   |

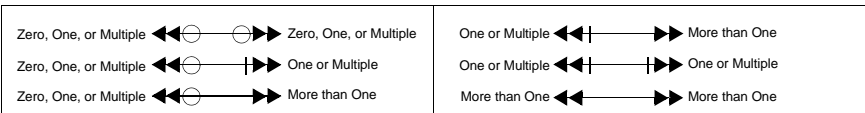
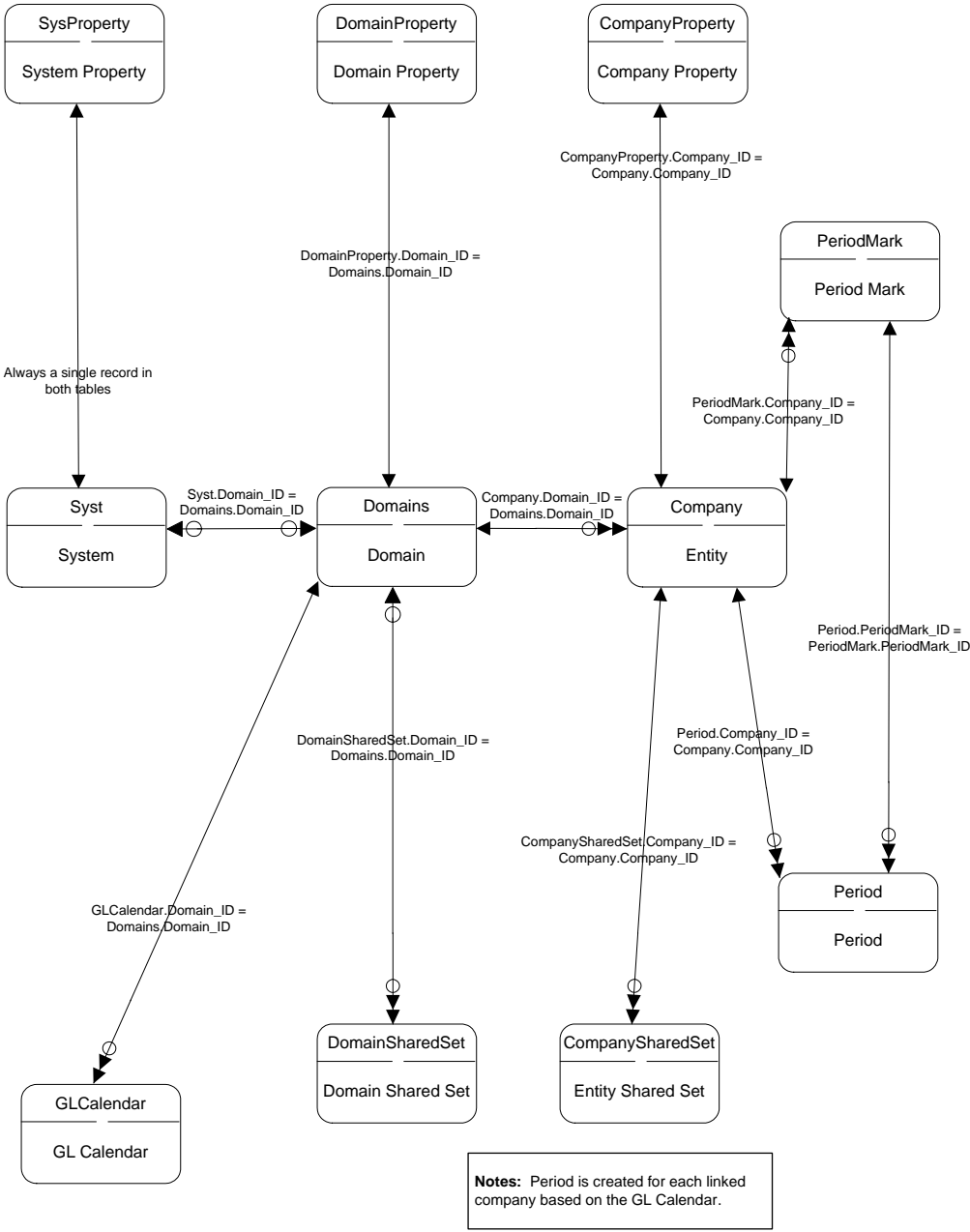
# Daybook



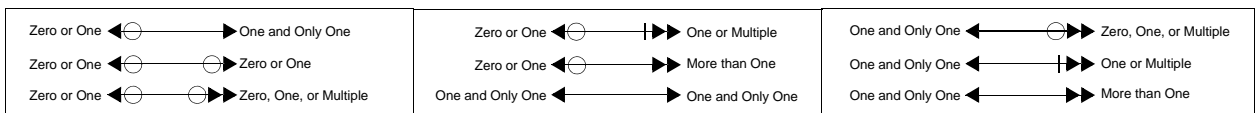
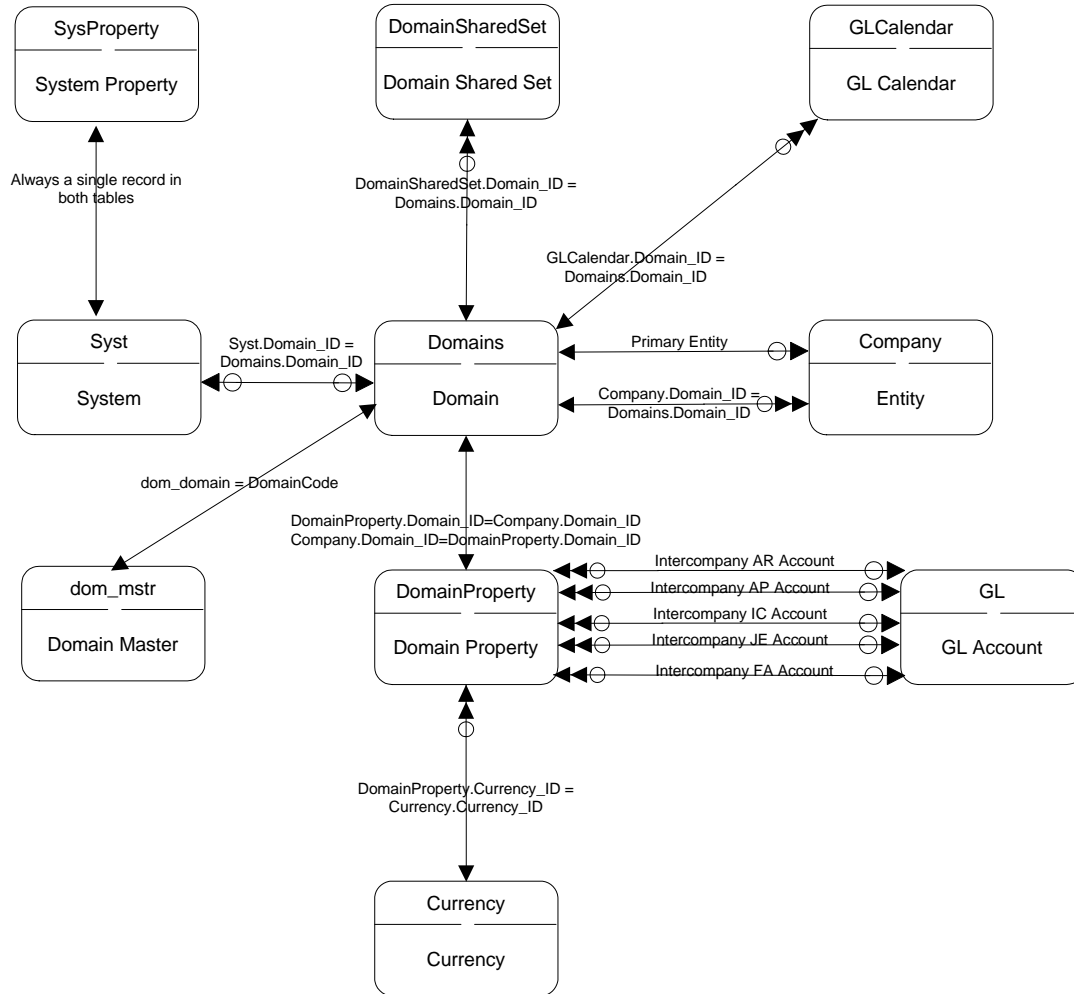
# Deductions



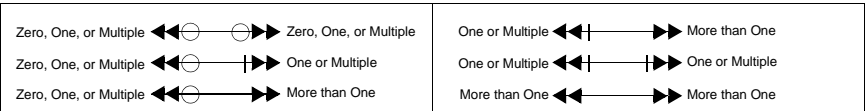
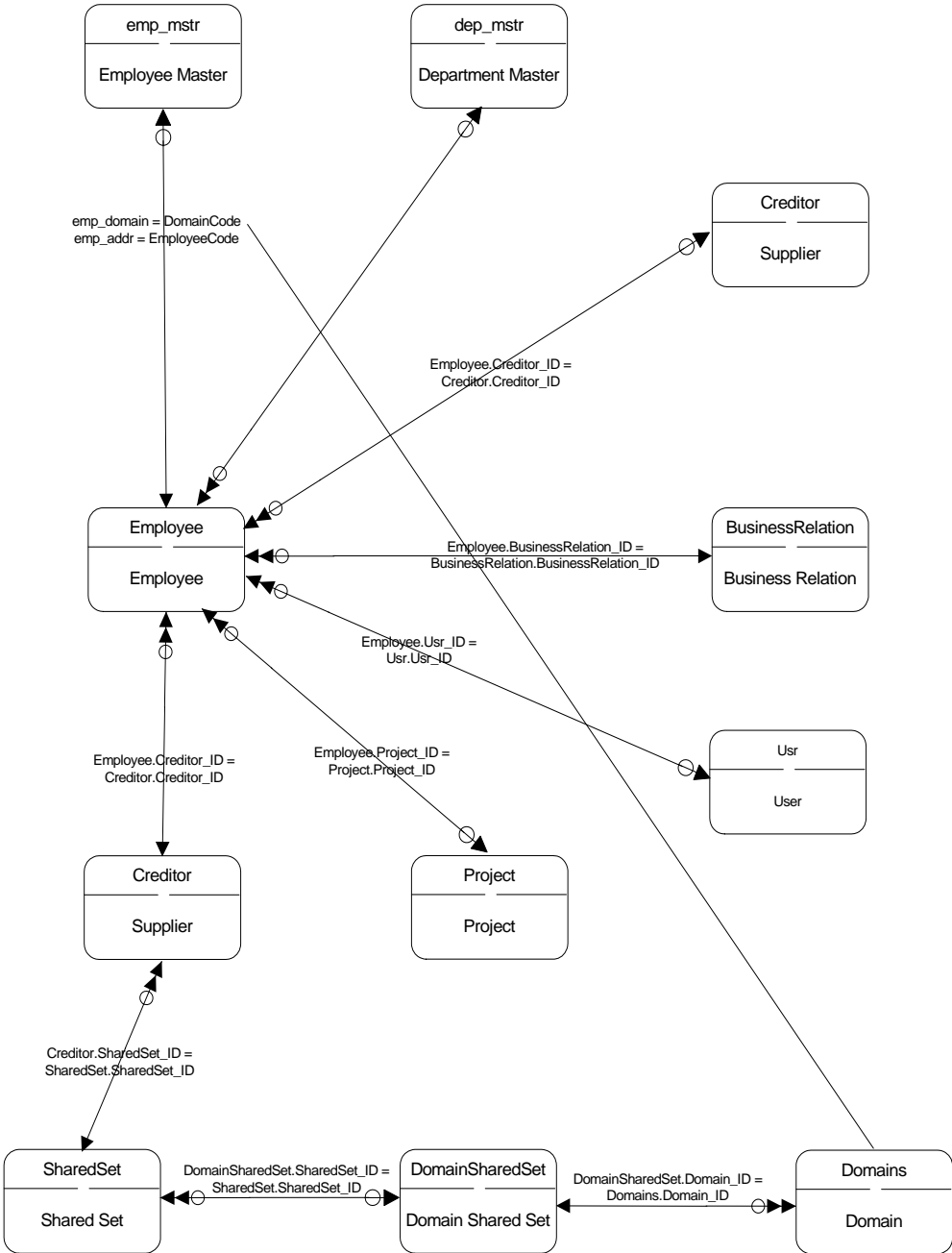
# Domain Company



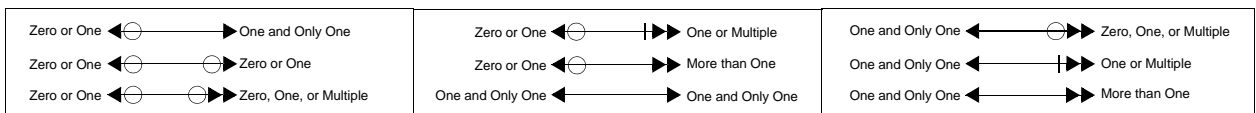
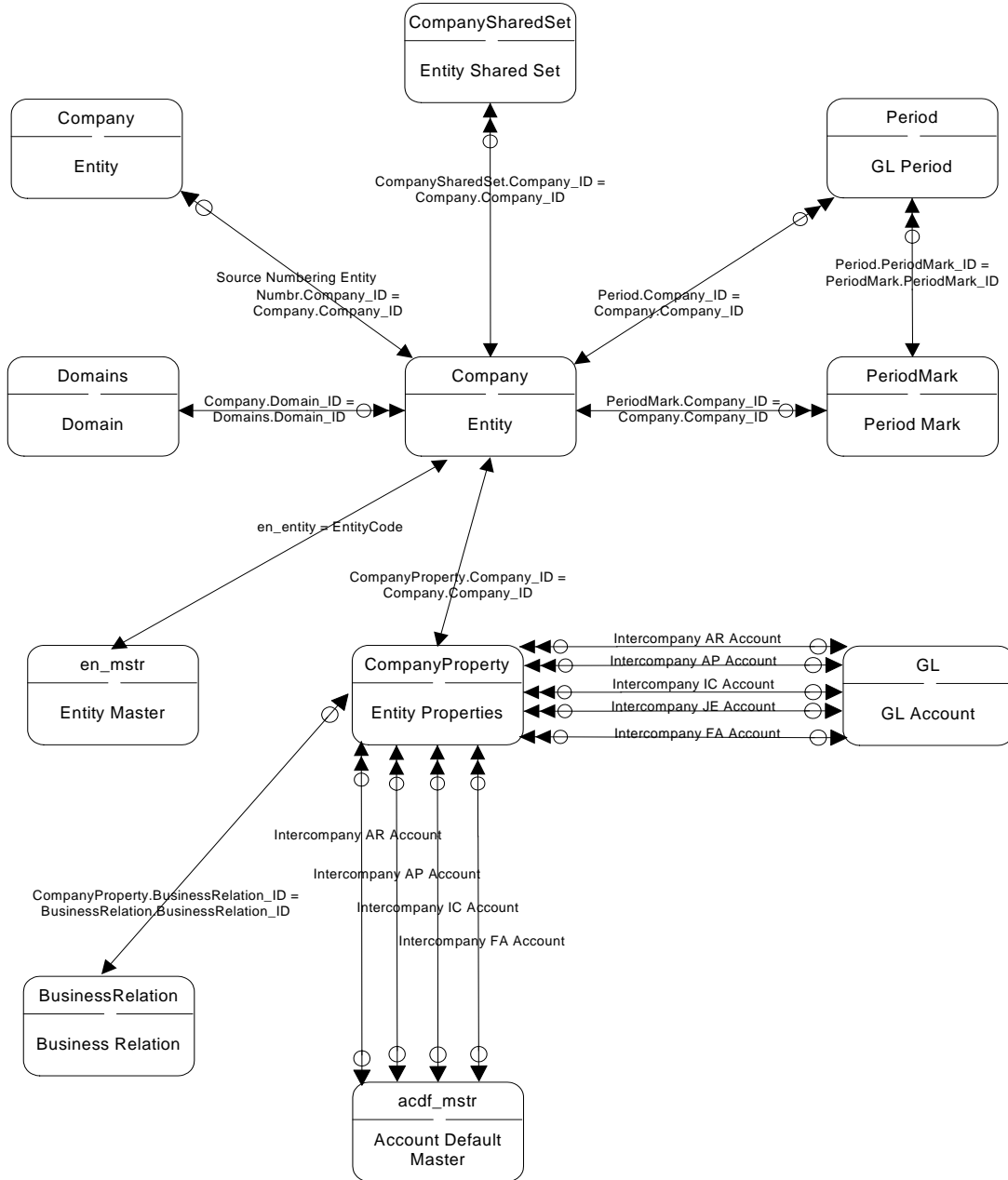
# Domains



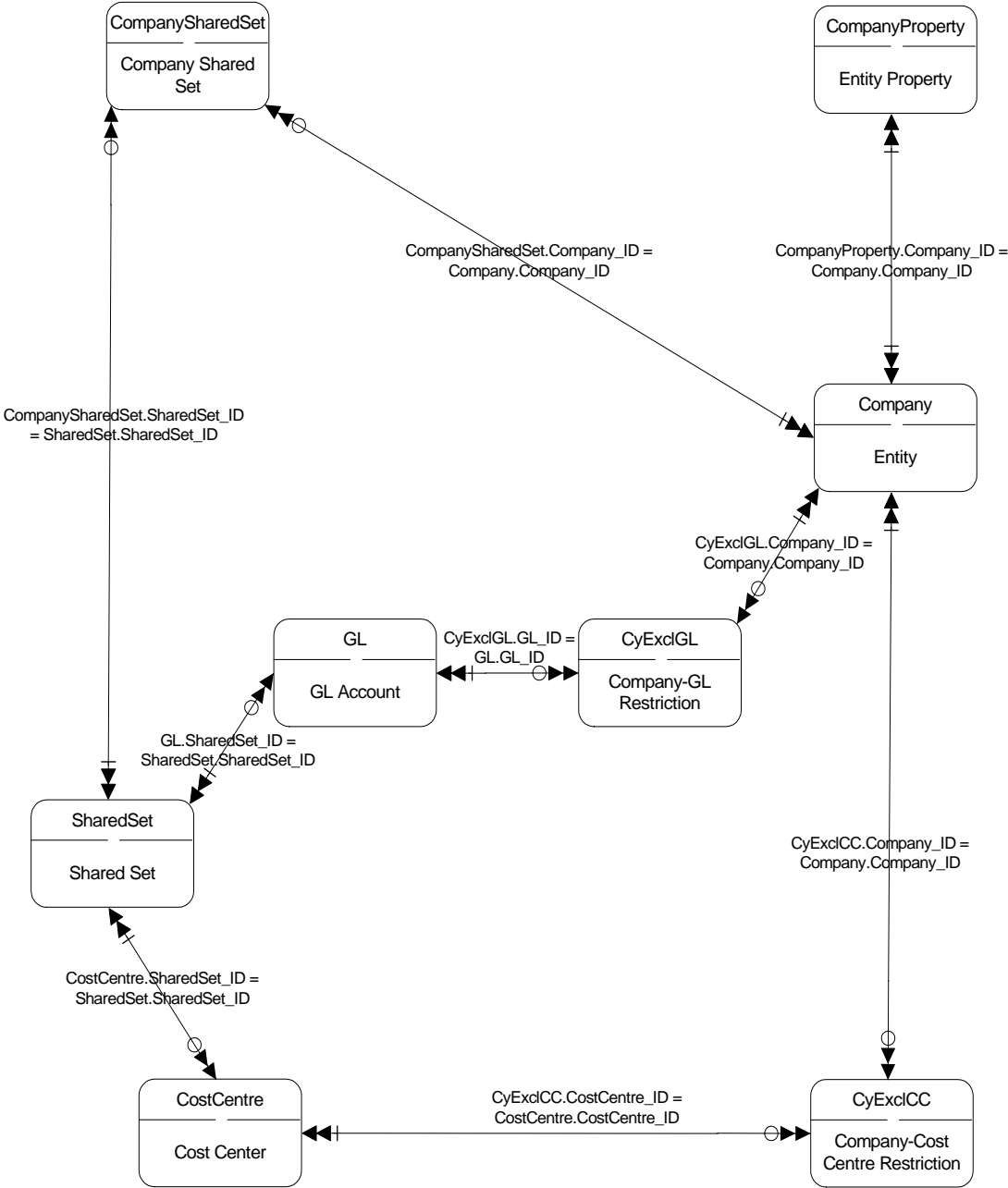
# Employee



# Entities

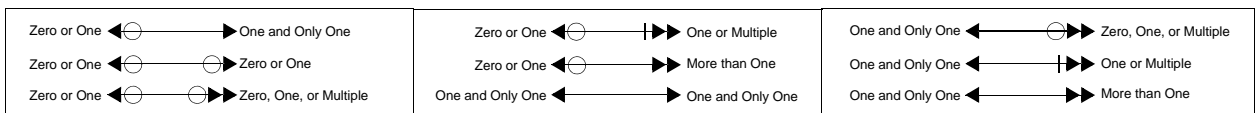
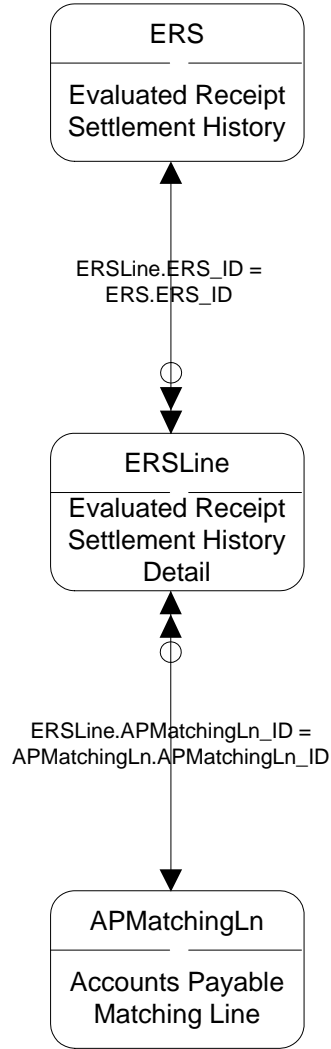


# Entity FDS Restrictions

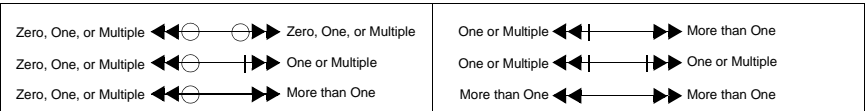
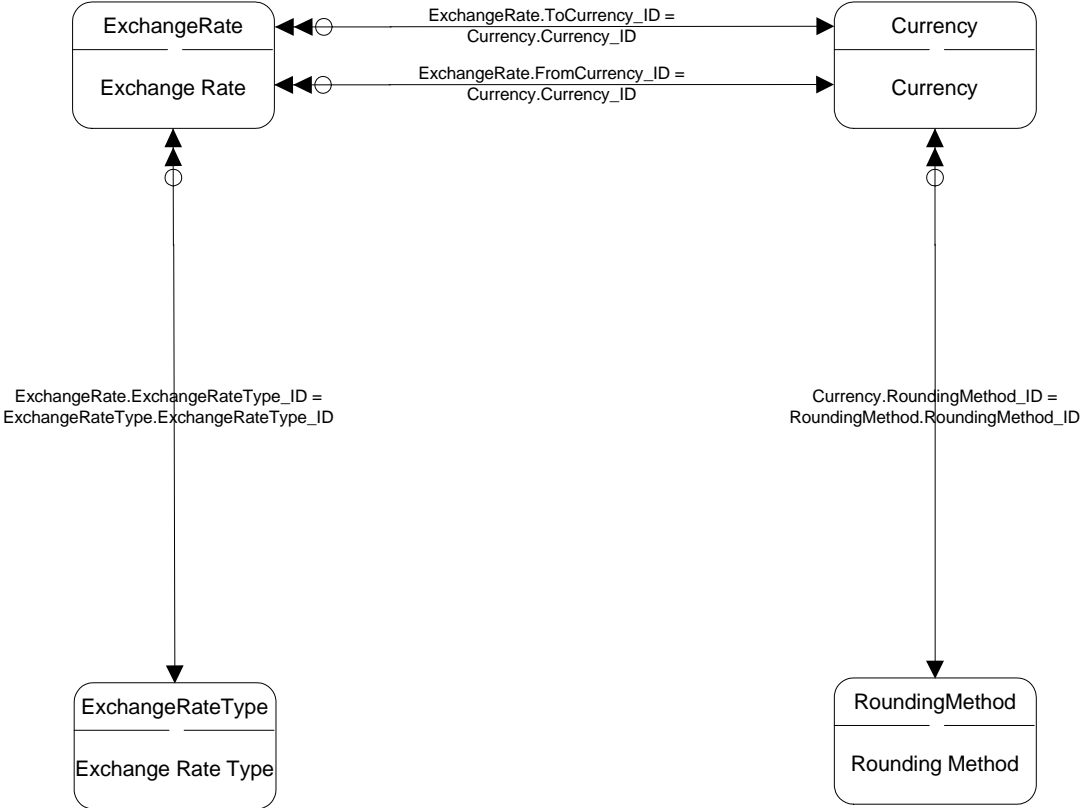


|                        |      |     |                        |
|------------------------|------|-----|------------------------|
| Zero, One, or Multiple | ◀◀○  | ○▶▶ | Zero, One, or Multiple |
| Zero, One, or Multiple | ◀◀○  | ▶▶  | One or Multiple        |
| Zero, One, or Multiple | ◀◀○  | ▶▶  | More than One          |
| One or Multiple        | ◀◀   | ▶▶  | More than One          |
| One or Multiple        | ◀◀   | ▶▶  | One or Multiple        |
| More than One          | ◀◀▶▶ | ▶▶  | More than One          |

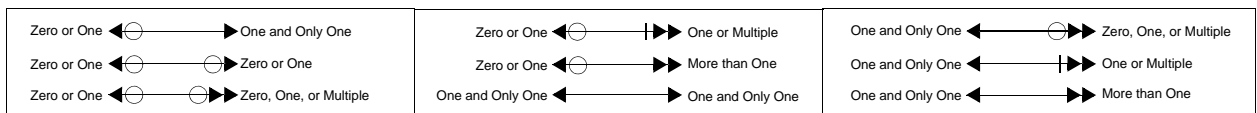
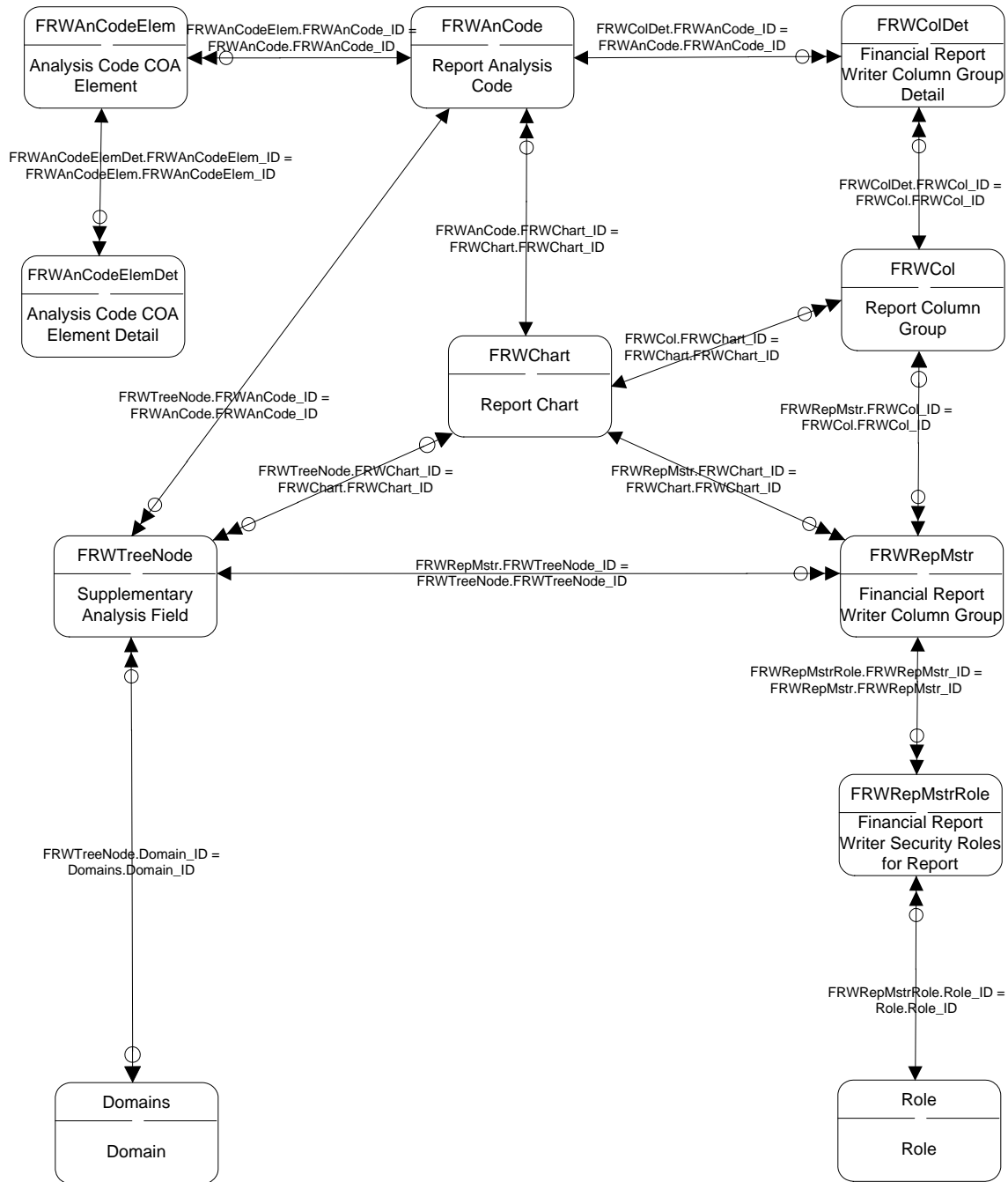
# ERS



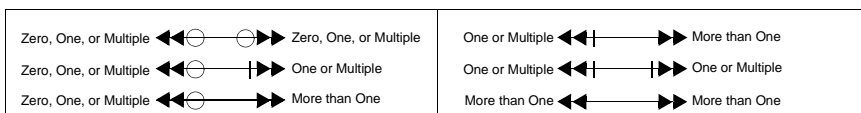
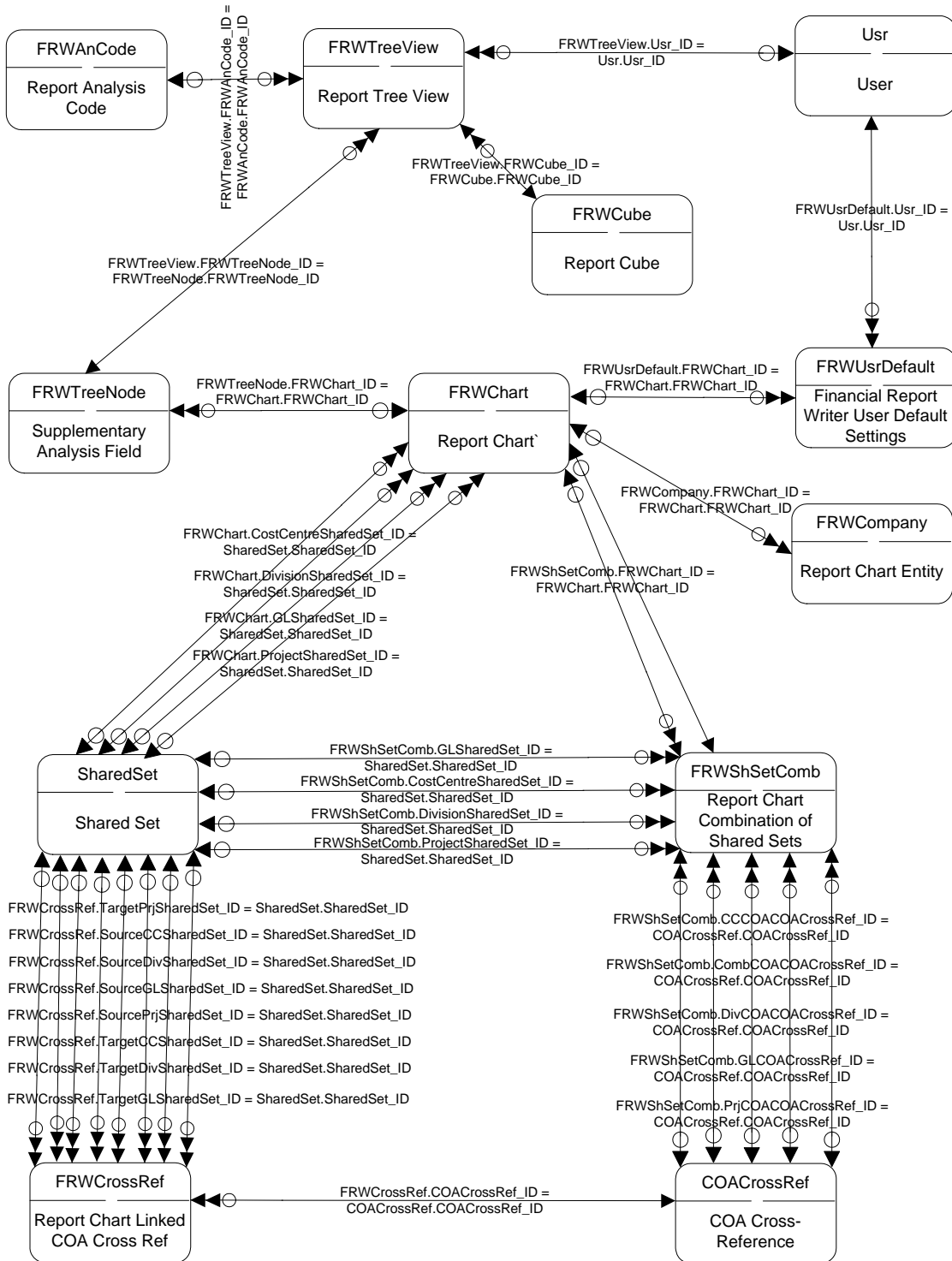
# Exchange Rates



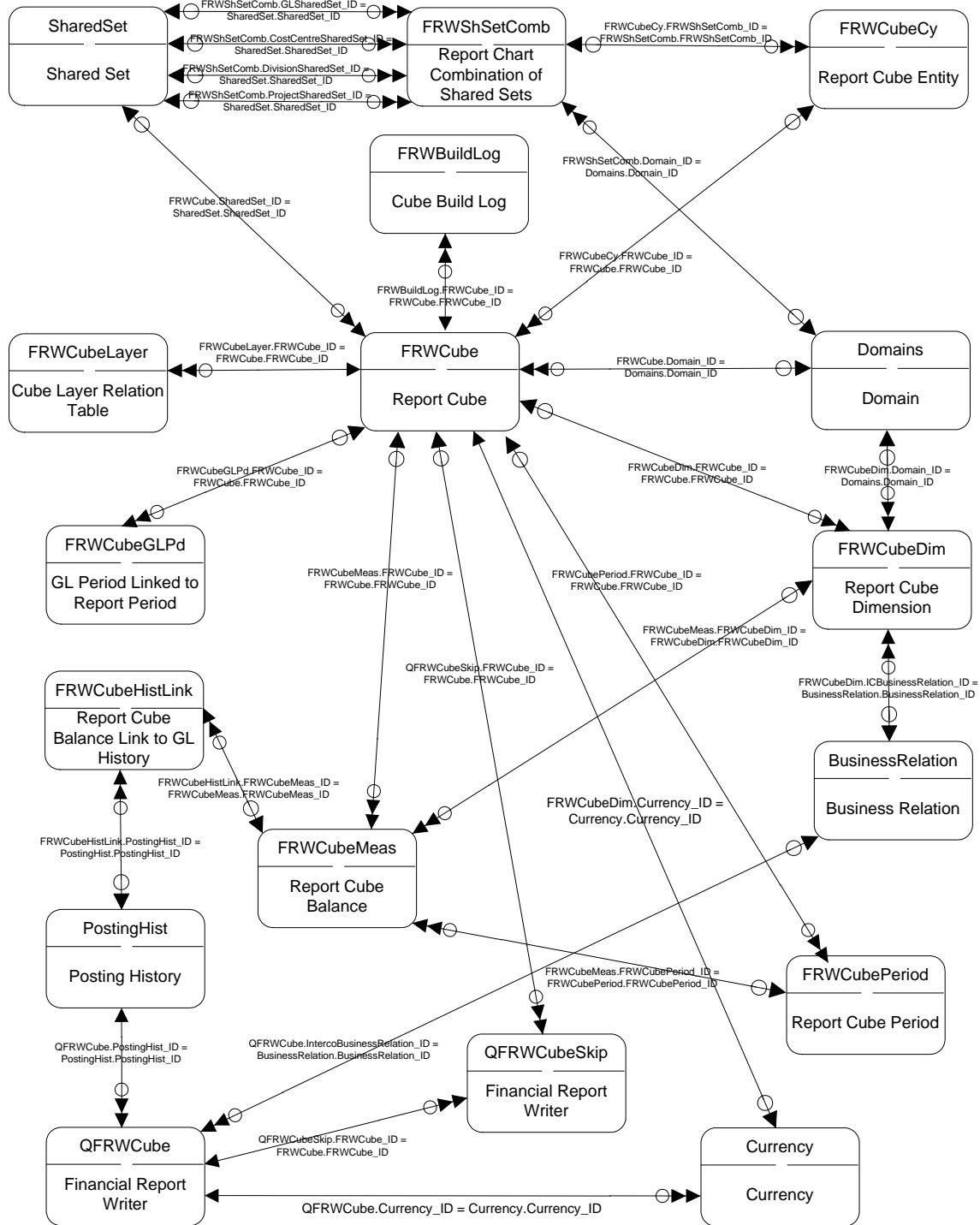
# Financial Report Writer I



# Financial Report Writer II



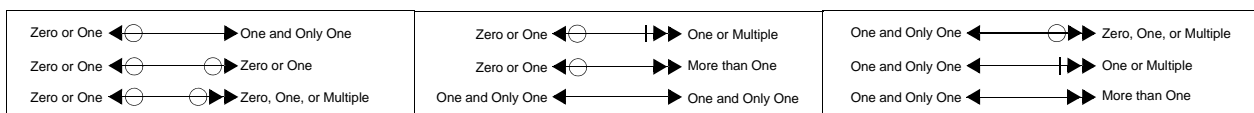
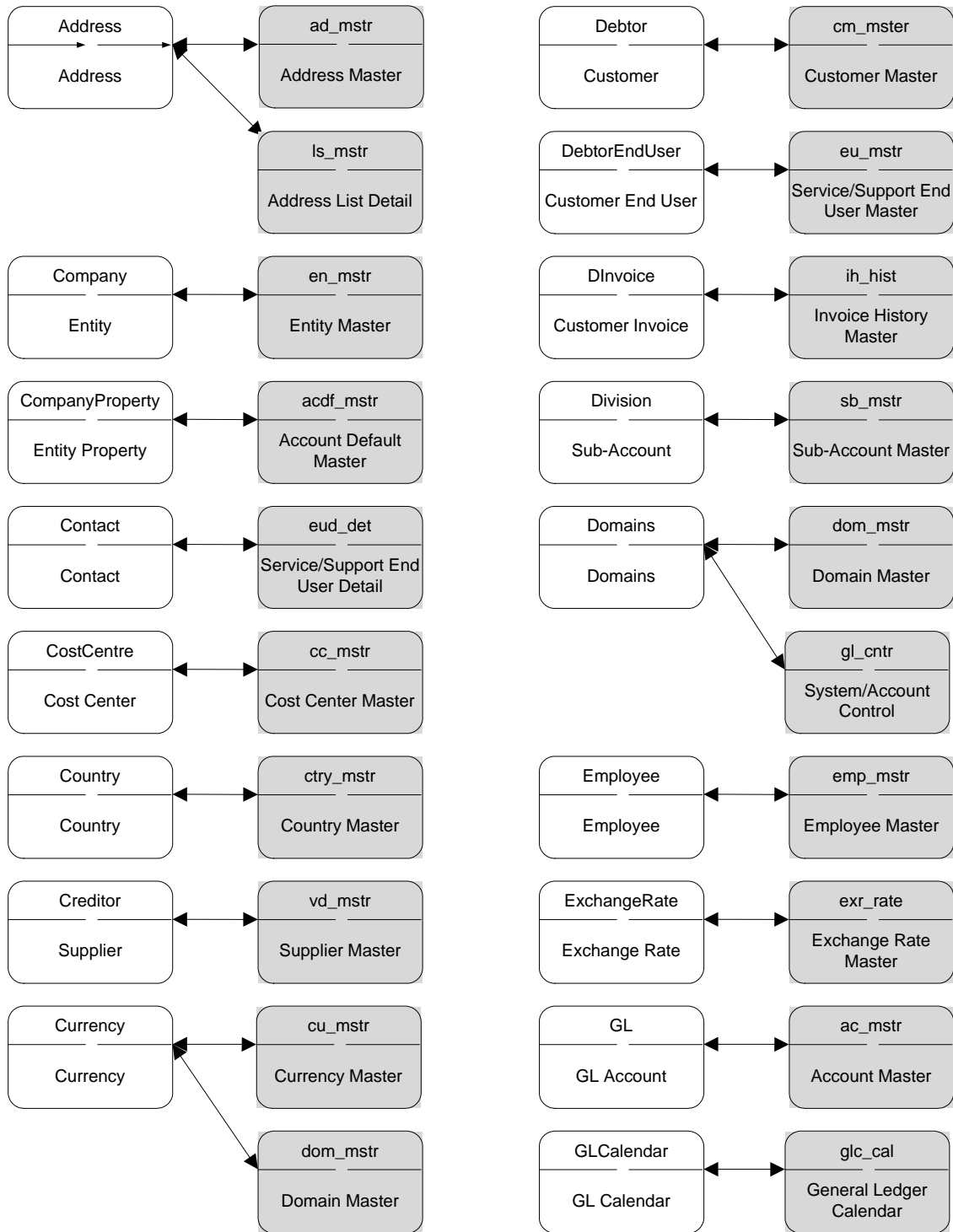
# Financial Report Writer III



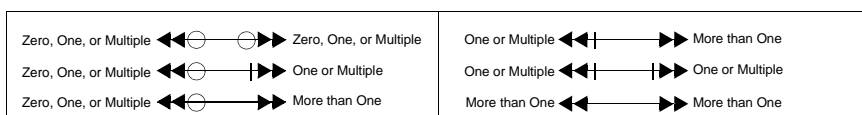
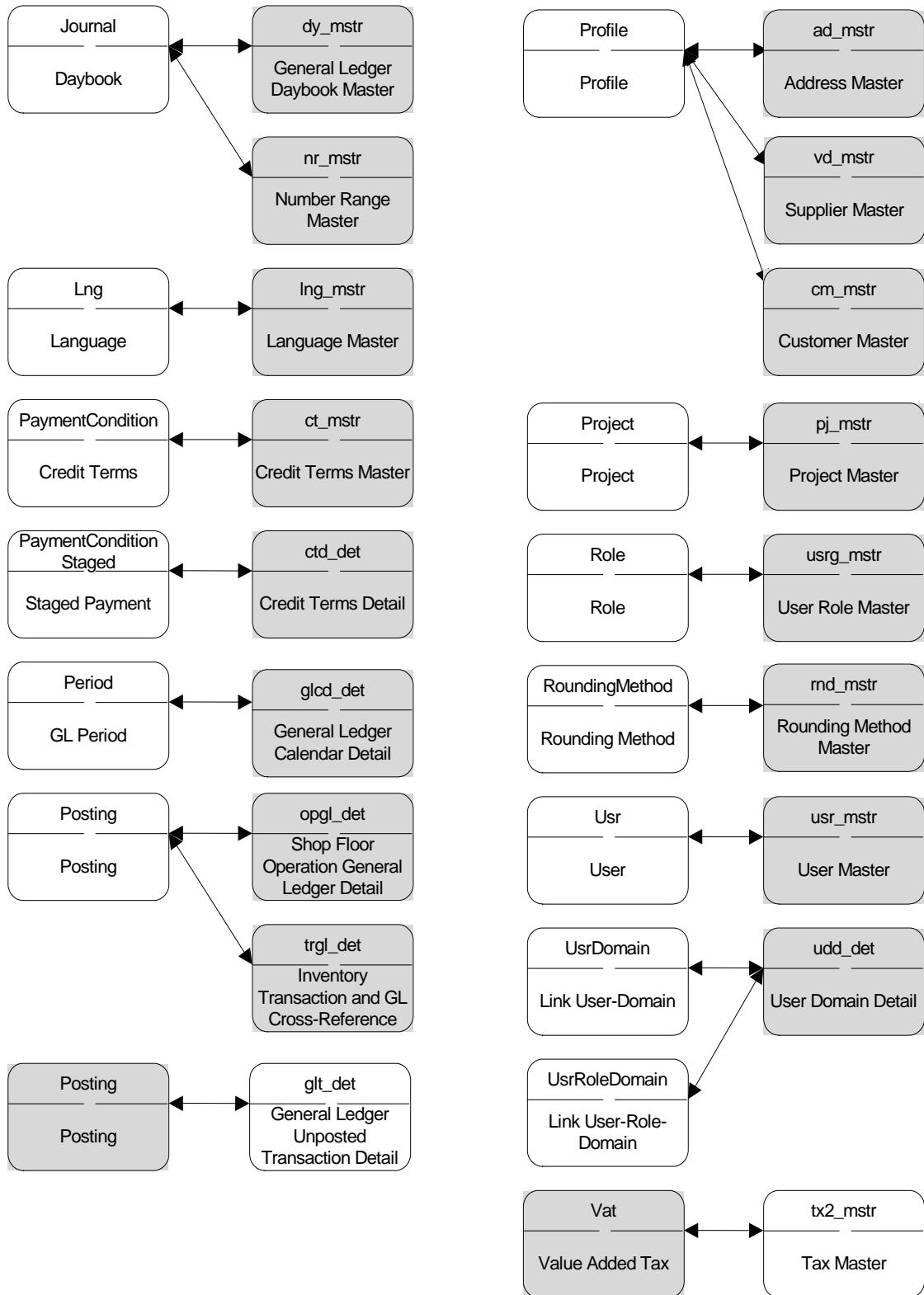
|   |   |  |
|---|---|--|
| Zero or One $\leftarrow \ominus \rightarrow$ One and Only One             | Zero or One $\leftarrow \ominus \dashv \rightarrow$ One or Multiple | One and Only One $\leftarrow \ominus \rightarrow$ Zero, One, or Multiple |
| Zero or One $\leftarrow \ominus \circ \rightarrow$ Zero or One            | Zero or One $\leftarrow \ominus \dashv \rightarrow$ More than One   | One and Only One $\leftarrow \ominus \dashv \rightarrow$ One or Multiple |
| Zero or One $\leftarrow \ominus \circ \rightarrow$ Zero, One, or Multiple | One and Only One $\leftarrow \ominus \rightarrow$ One and Only One  | One and Only One $\leftarrow \ominus \dashv \rightarrow$ More than One   |



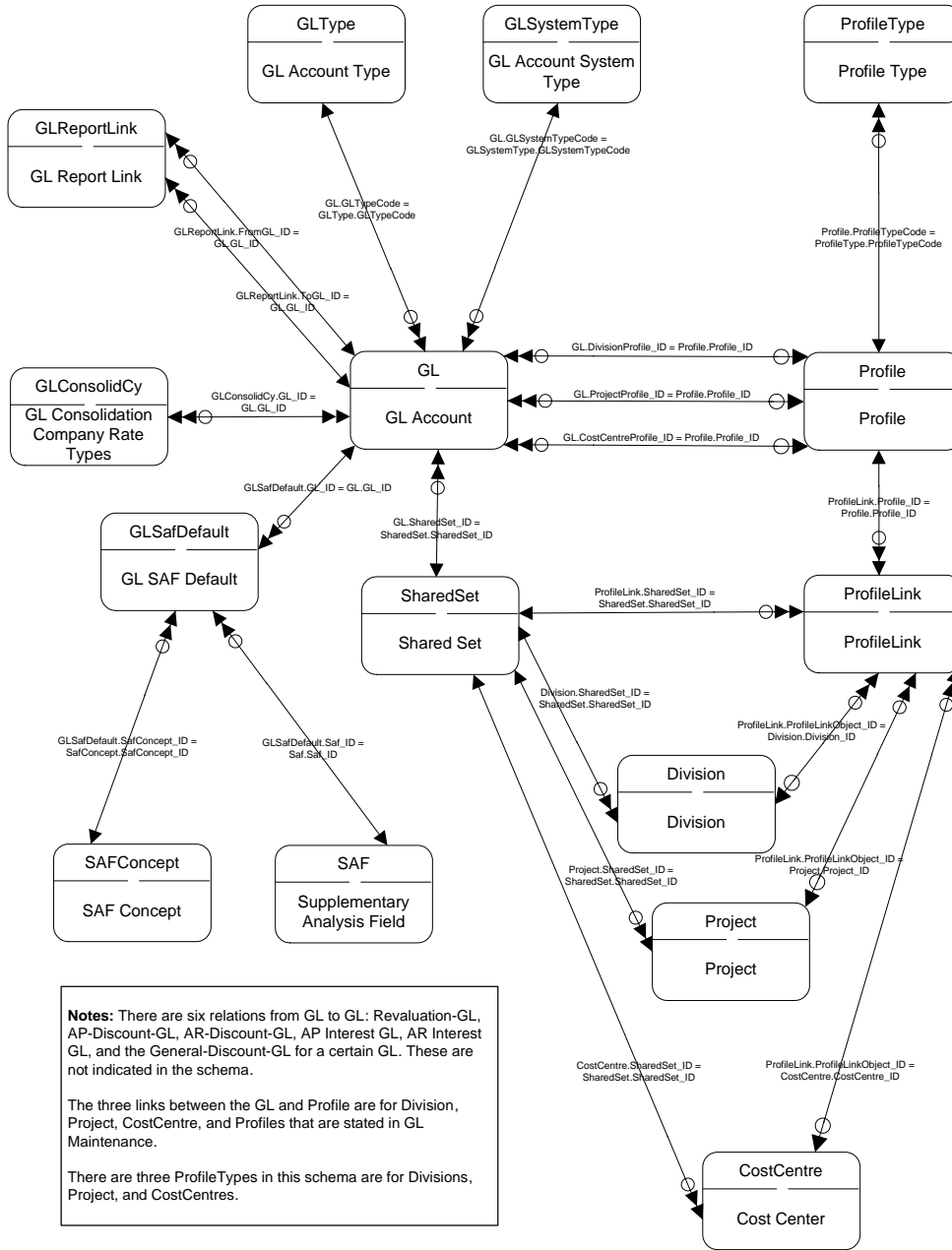
## Financials vs Operations Replication I



## Financials vs Operations Replication II



# GL Account



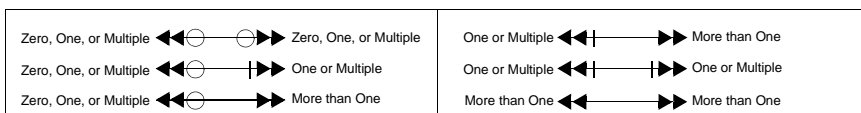
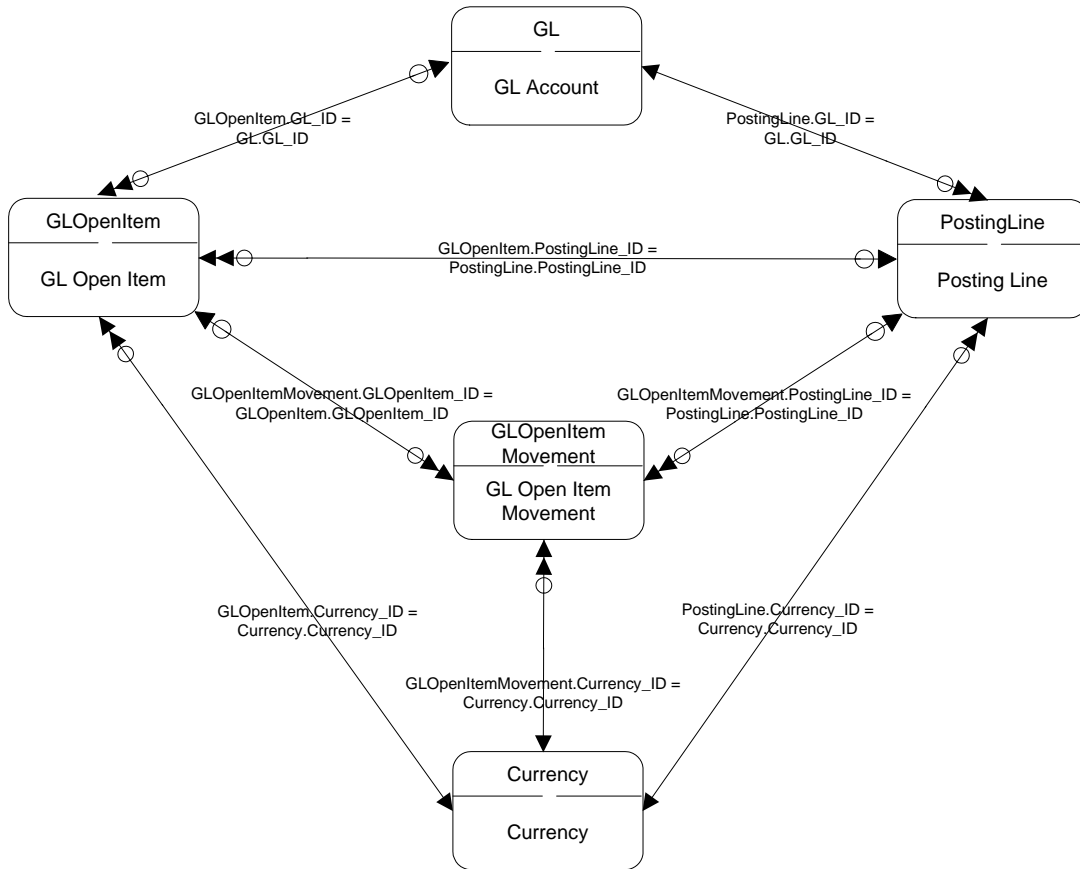
**Notes:** There are six relations from GL to GL: Revaluation-GL, AP-Discount-GL, AR-Discount-GL, AP Interest GL, AR Interest GL, and the General-Discount-GL for a certain GL. These are not indicated in the schema.

The three links between the GL and Profile are for Division, Project, CostCentre, and Profiles that are stated in GL Maintenance.

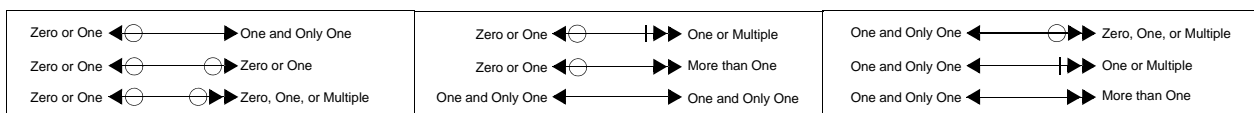
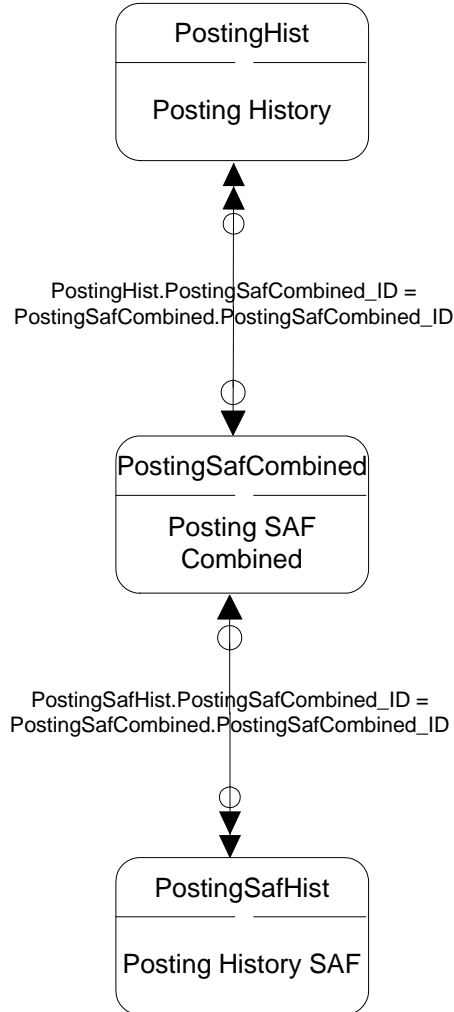
There are three ProfileTypes in this schema are for Divisions, Project, and CostCentres.

|   |  |   |
|---|--|---|
| Zero or One $\leftarrow \ominus \rightarrow$ One and Only One       | Zero or One $\leftarrow \ominus \parallel \rightarrow$ One or Multiple | One and Only One $\leftarrow \ominus \rightarrow$ Zero, One, or Multiple    |
| Zero or One $\leftarrow \ominus \rightarrow$ Zero or One            | Zero or One $\leftarrow \ominus \rightarrow$ More than One             | One and Only One $\leftarrow \ominus \parallel \rightarrow$ One or Multiple |
| Zero or One $\leftarrow \ominus \rightarrow$ Zero, One, or Multiple | One and Only One $\leftarrow \ominus \rightarrow$ One and Only One     | One and Only One $\leftarrow \ominus \rightarrow$ More than One             |

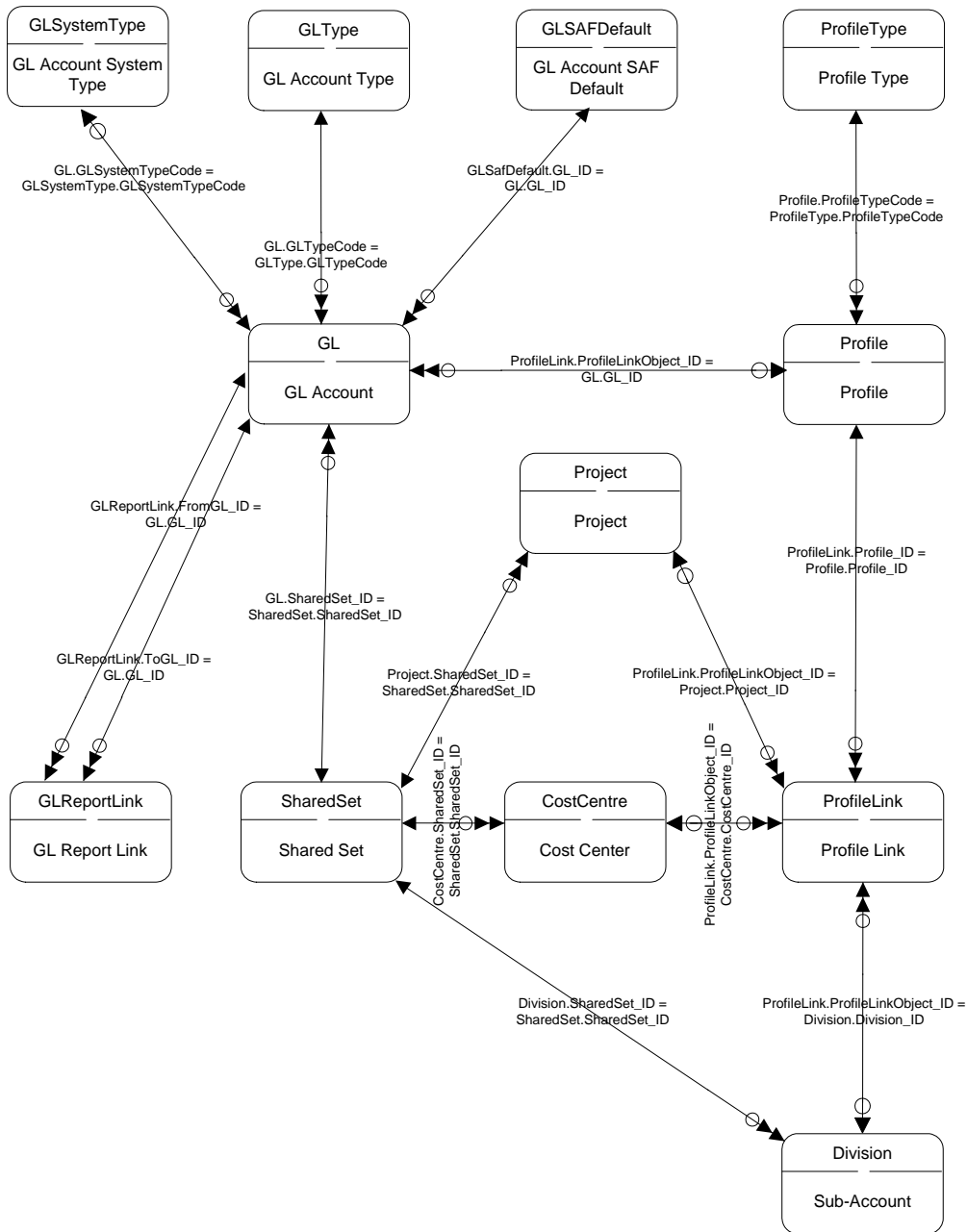
# GL Open Item



## GL Posting History

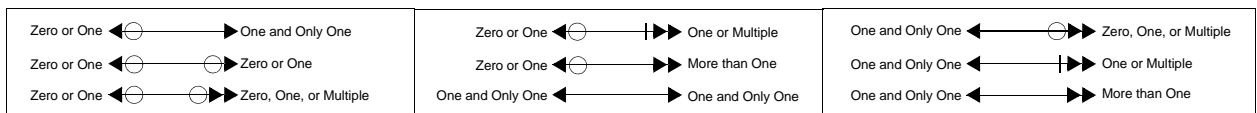
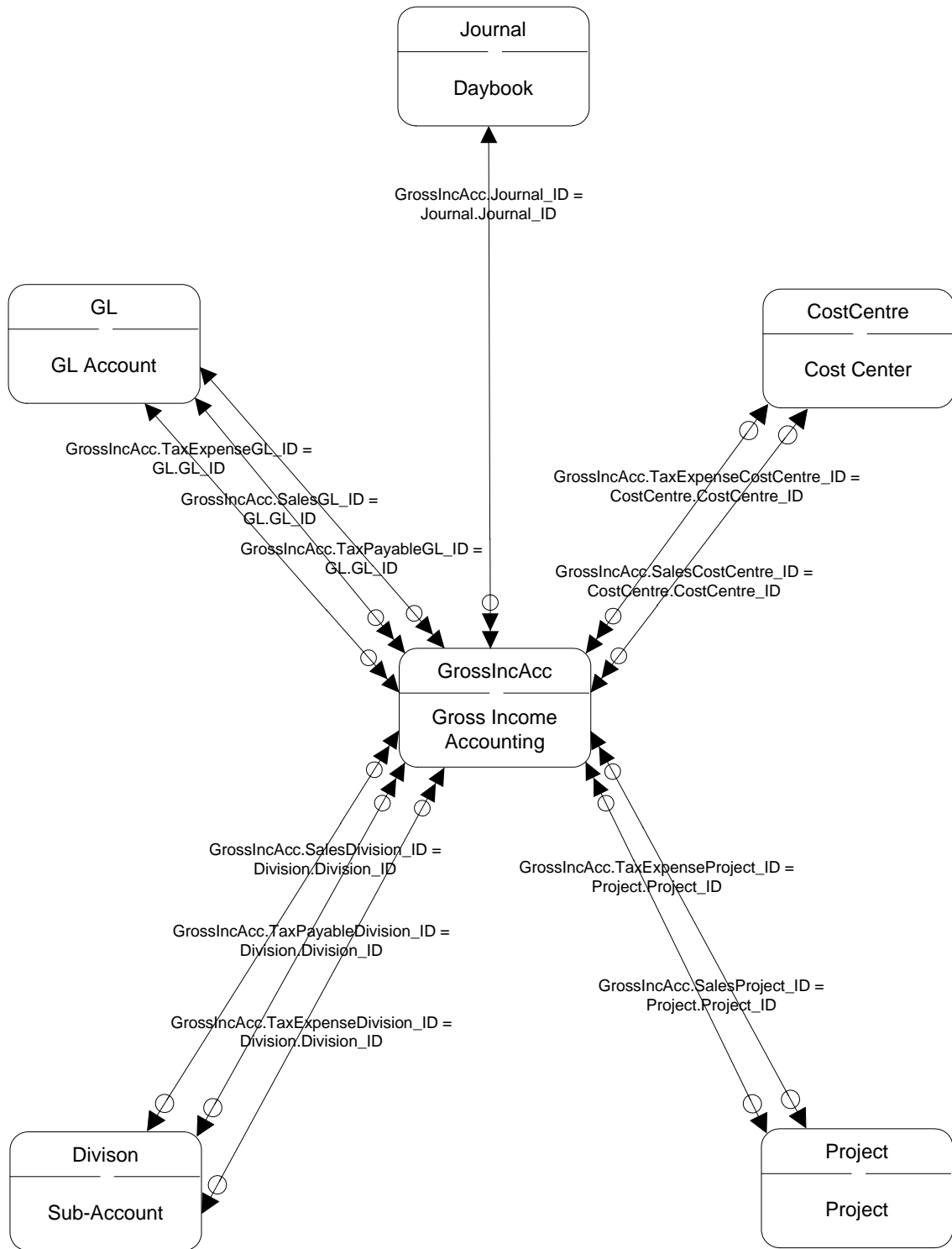


# GL Setup

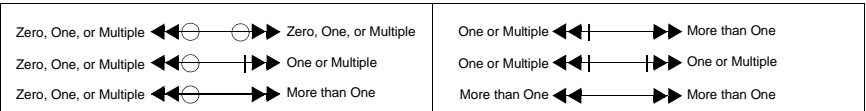
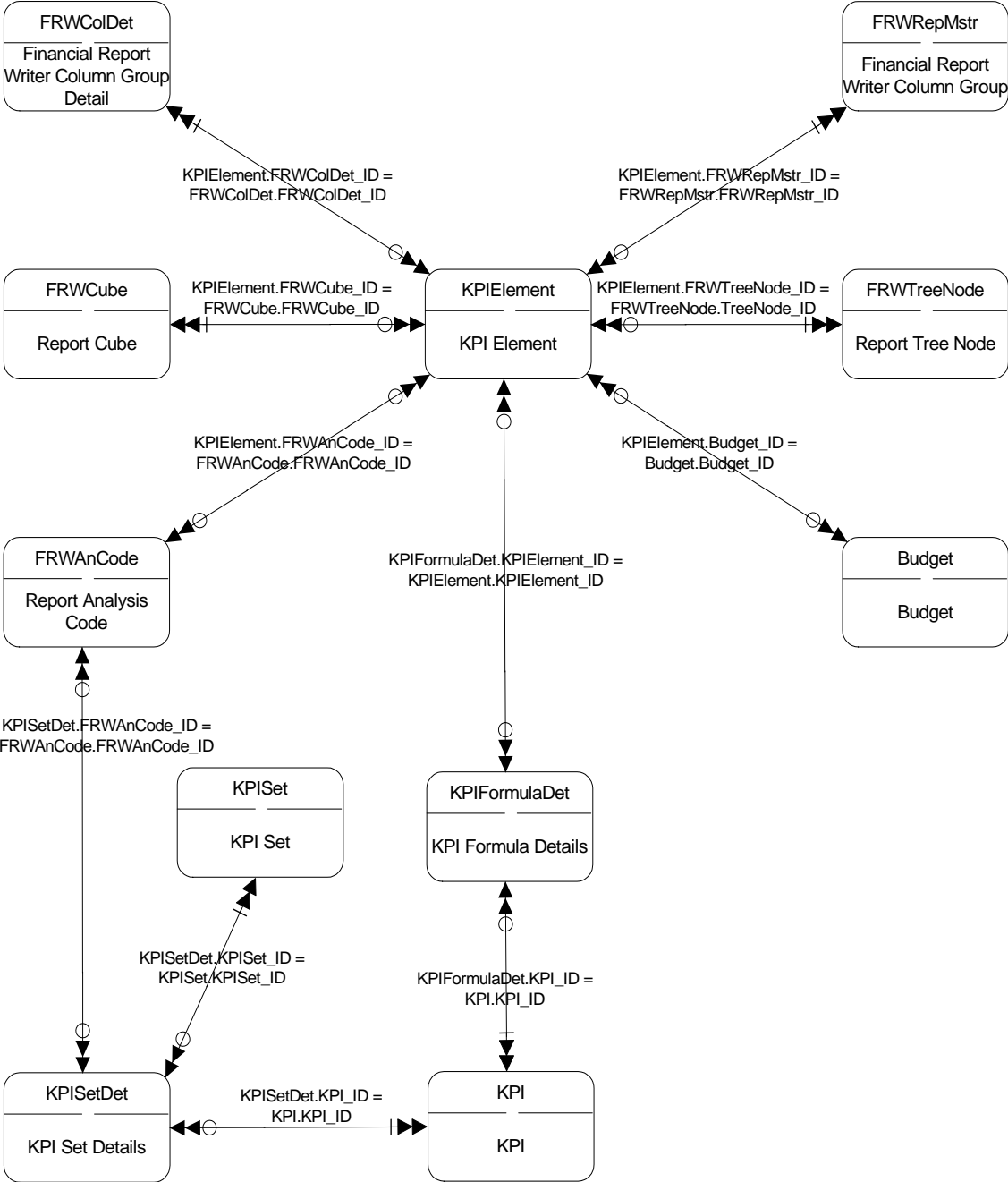


|                        |       |                        |                 |        |                 |
|------------------------|-------|------------------------|-----------------|--------|-----------------|
| Zero, One, or Multiple | ←○→   | Zero, One, or Multiple | One or Multiple | ←  →   | More than One   |
| Zero, One, or Multiple | ←○  → | One or Multiple        | One or Multiple | ←    → | One or Multiple |
| Zero, One, or Multiple | ←○→   | More than One          | More than One   | ←  →   | More than One   |

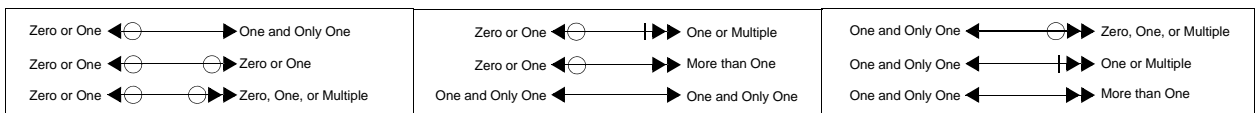
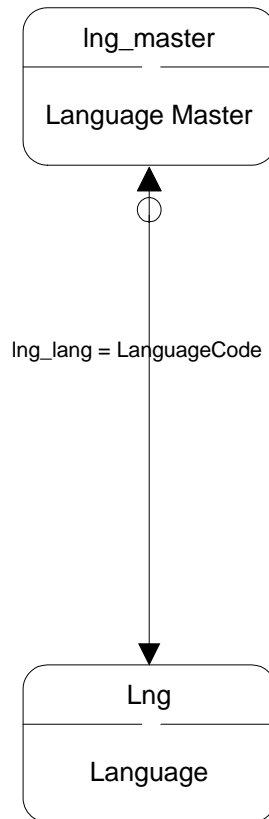
## Gross Income Accounting



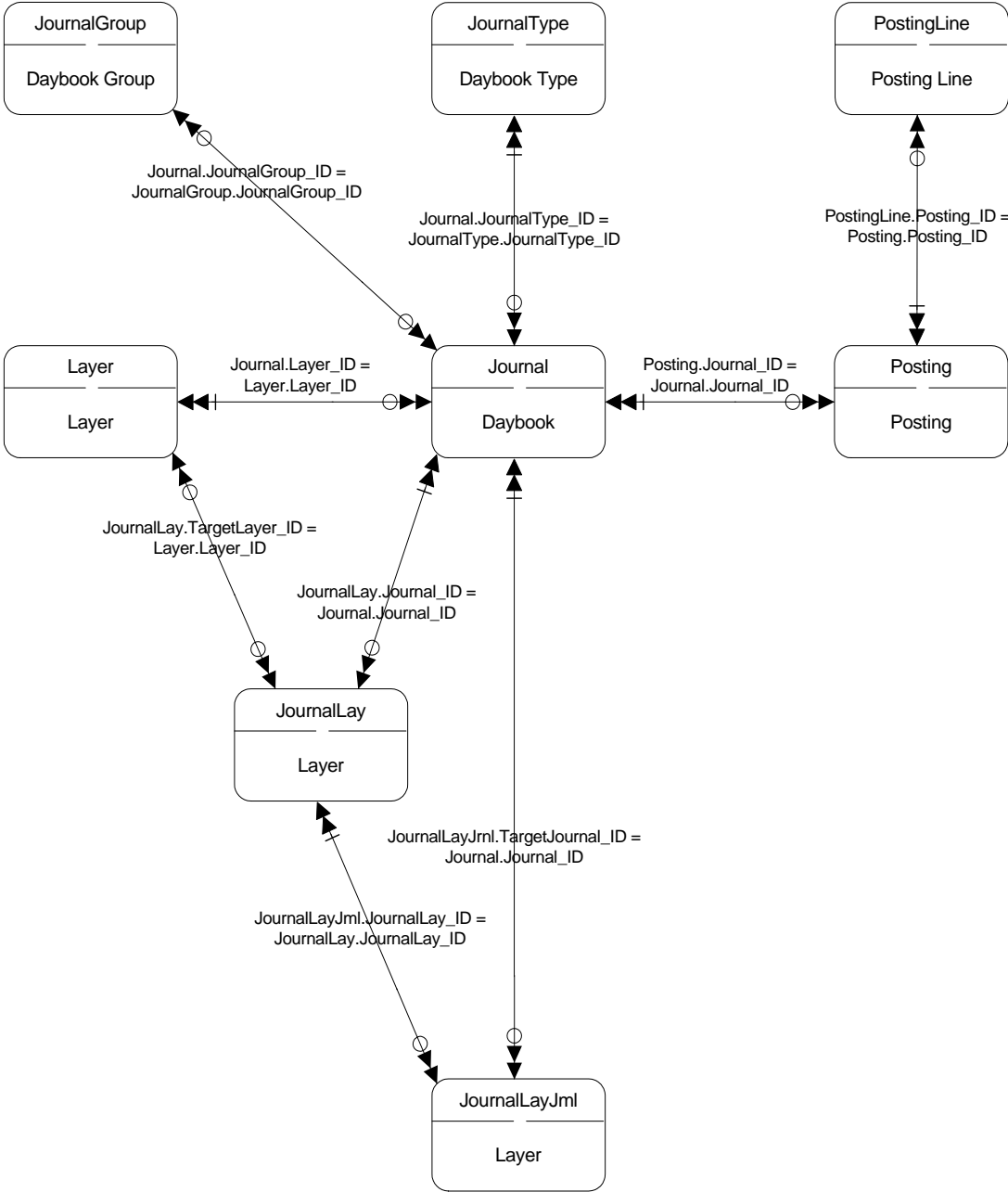
KPI



# Language

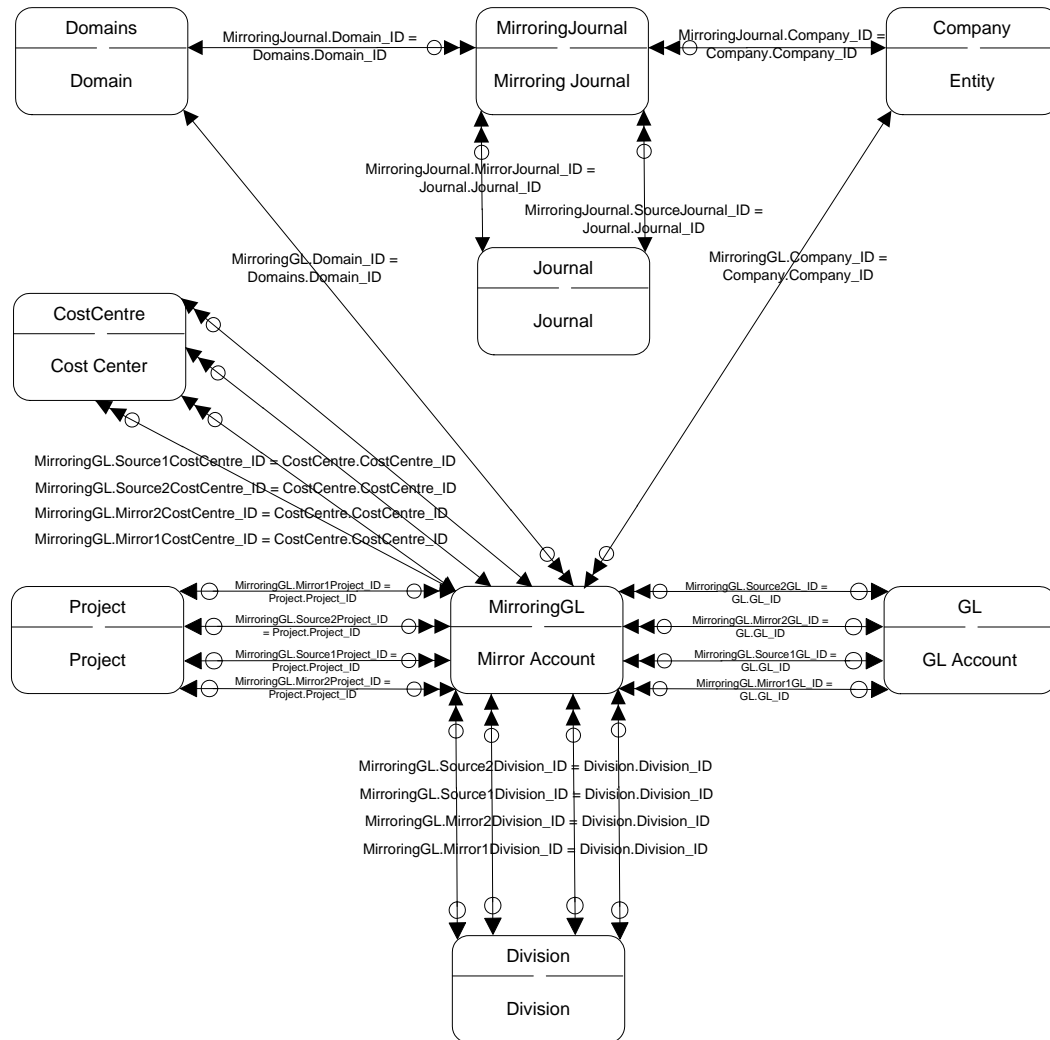


# Layer Transfer



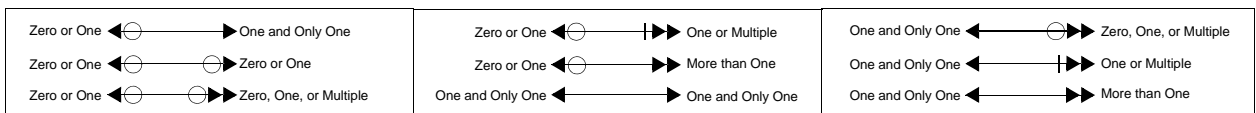
|                        |     |     |                        |                 |    |    |                 |
|------------------------|-----|-----|------------------------|-----------------|----|----|-----------------|
| Zero, One, or Multiple | ◀◀○ | ○▶▶ | Zero, One, or Multiple | One or Multiple | ◀◀ | ▶▶ | More than One   |
| Zero, One, or Multiple | ◀◀○ | ▶▶  | One or Multiple        | One or Multiple | ◀◀ | ▶▶ | One or Multiple |
| Zero, One, or Multiple | ◀◀○ | ▶▶  | More than One          | More than One   | ◀◀ | ▶▶ | More than One   |

## Mirror Accounting

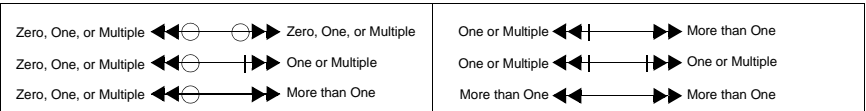
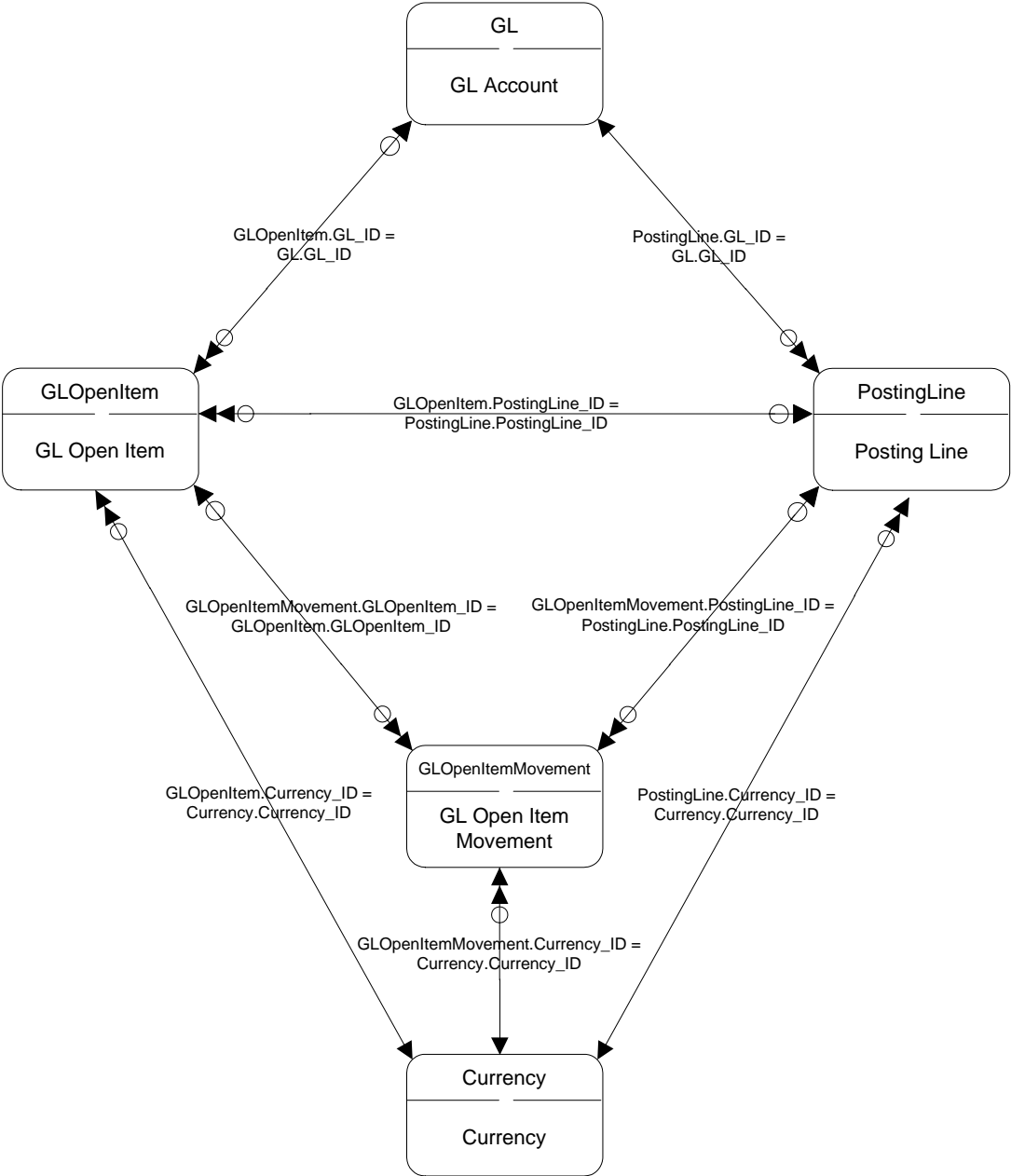


**Notes:** MirroringGL has four relationships to GL, Division, CostCentre, and Project. For Source 1, Source 2, Mirror1, and Mirror2.

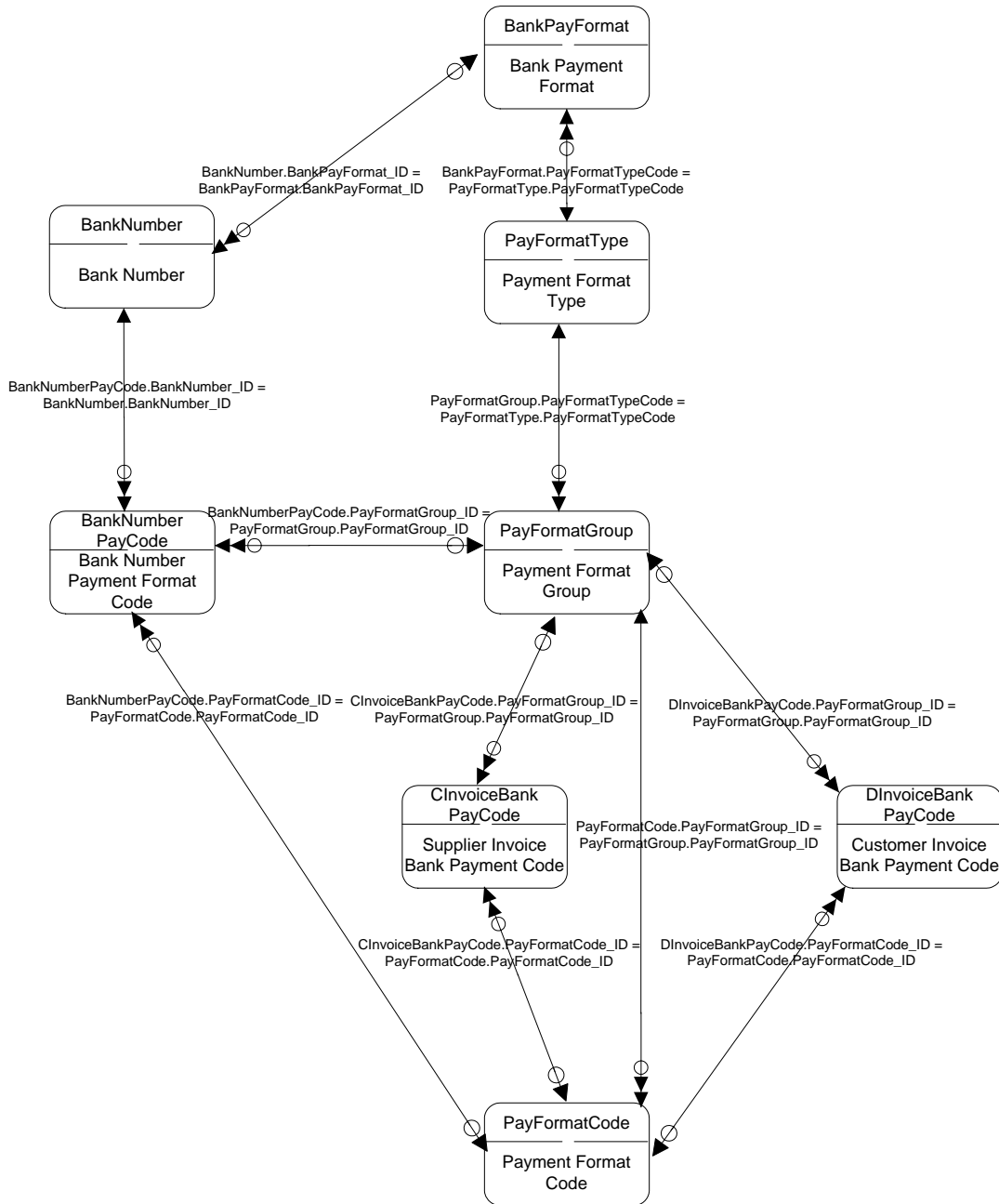
MirroringJournal has two relationships to Journal; one for SourceJournal and one for MirrorJournal.



# Open Item Adjustment

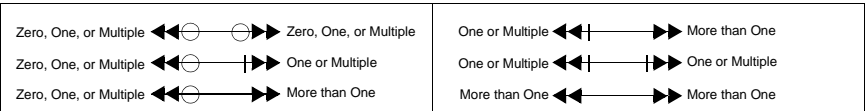
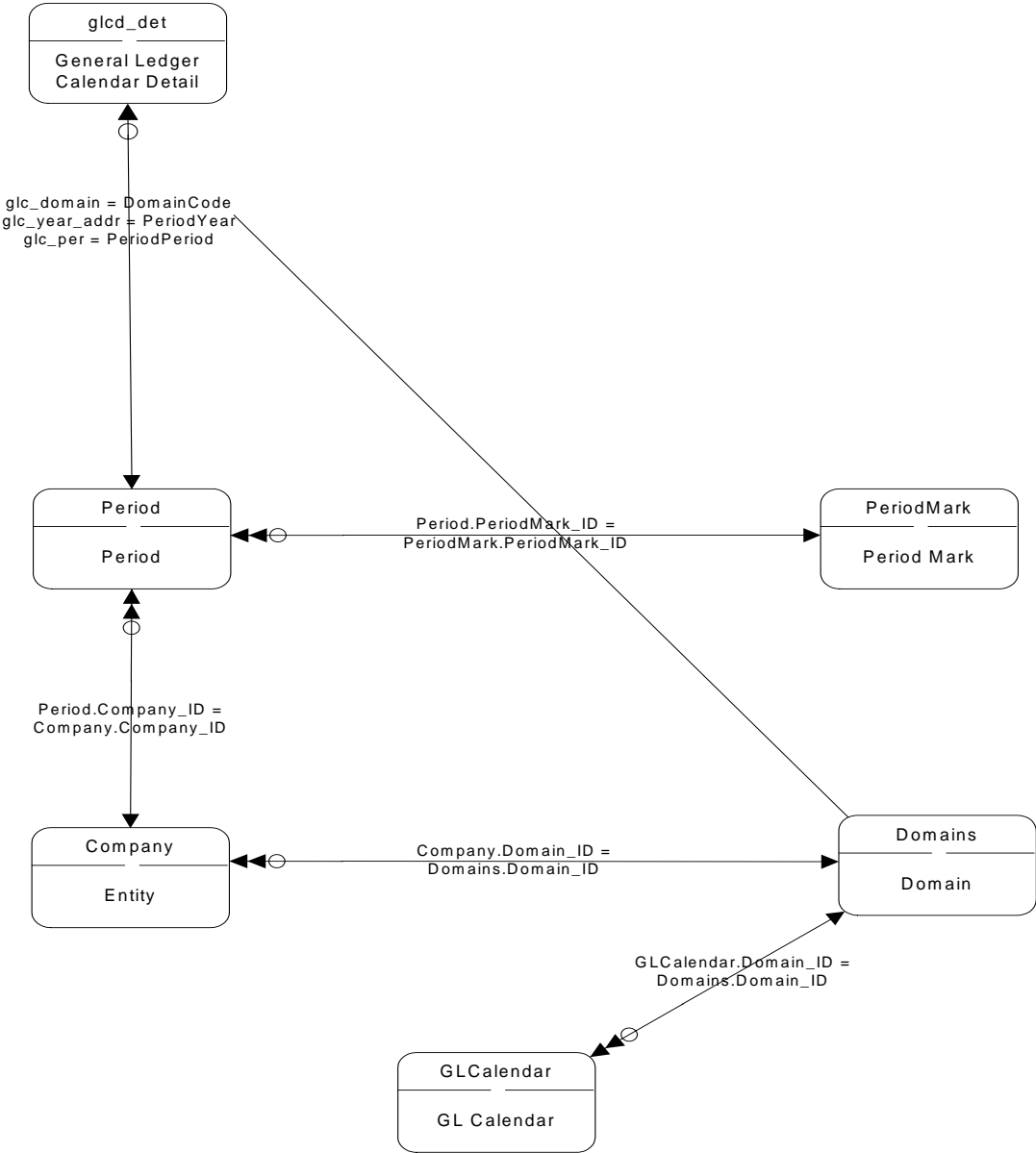


# Payment Formats

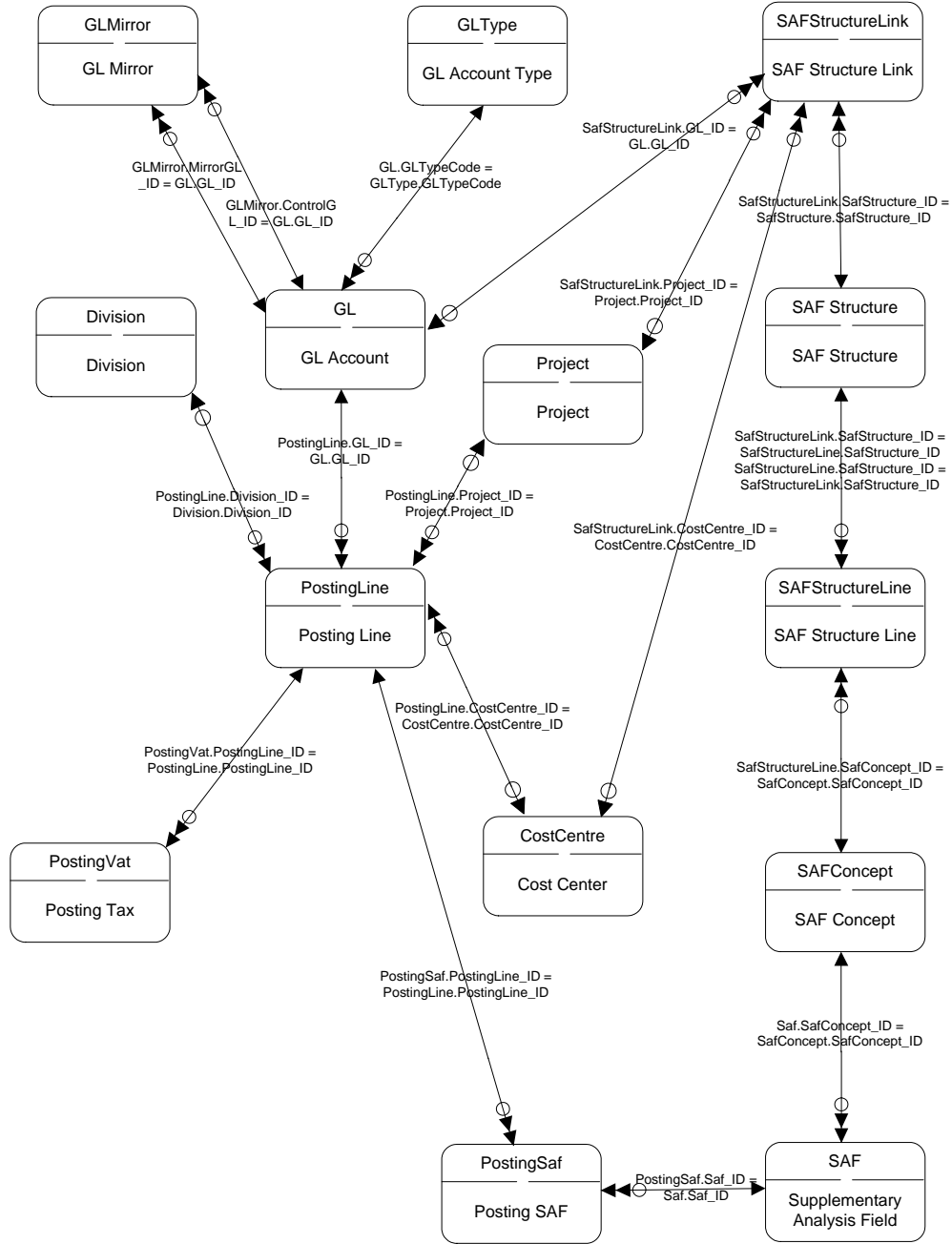


|   |  |   |
|---|--|---|
| Zero or One $\leftarrow \ominus \longrightarrow$ One and Only One             | Zero or One $\leftarrow \ominus \dashrightarrow$ One or Multiple                       | One and Only One $\leftarrow \ominus \dashrightarrow$ Zero, One, or Multiple          |
| Zero or One $\leftarrow \ominus \longrightarrow \ominus$ Zero or One          | Zero or One $\leftarrow \ominus \dashrightarrow \dashrightarrow$ More than One         | One and Only One $\leftarrow \ominus \dashrightarrow \dashrightarrow$ One or Multiple |
| Zero or One $\leftarrow \ominus \longrightarrow \circ$ Zero, One, or Multiple | One and Only One $\leftarrow \ominus \dashrightarrow \dashrightarrow$ One and Only One | One and Only One $\leftarrow \ominus \dashrightarrow \dashrightarrow$ More than One   |

# Period

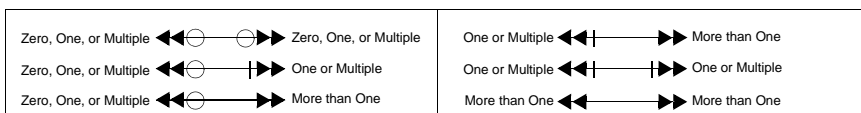
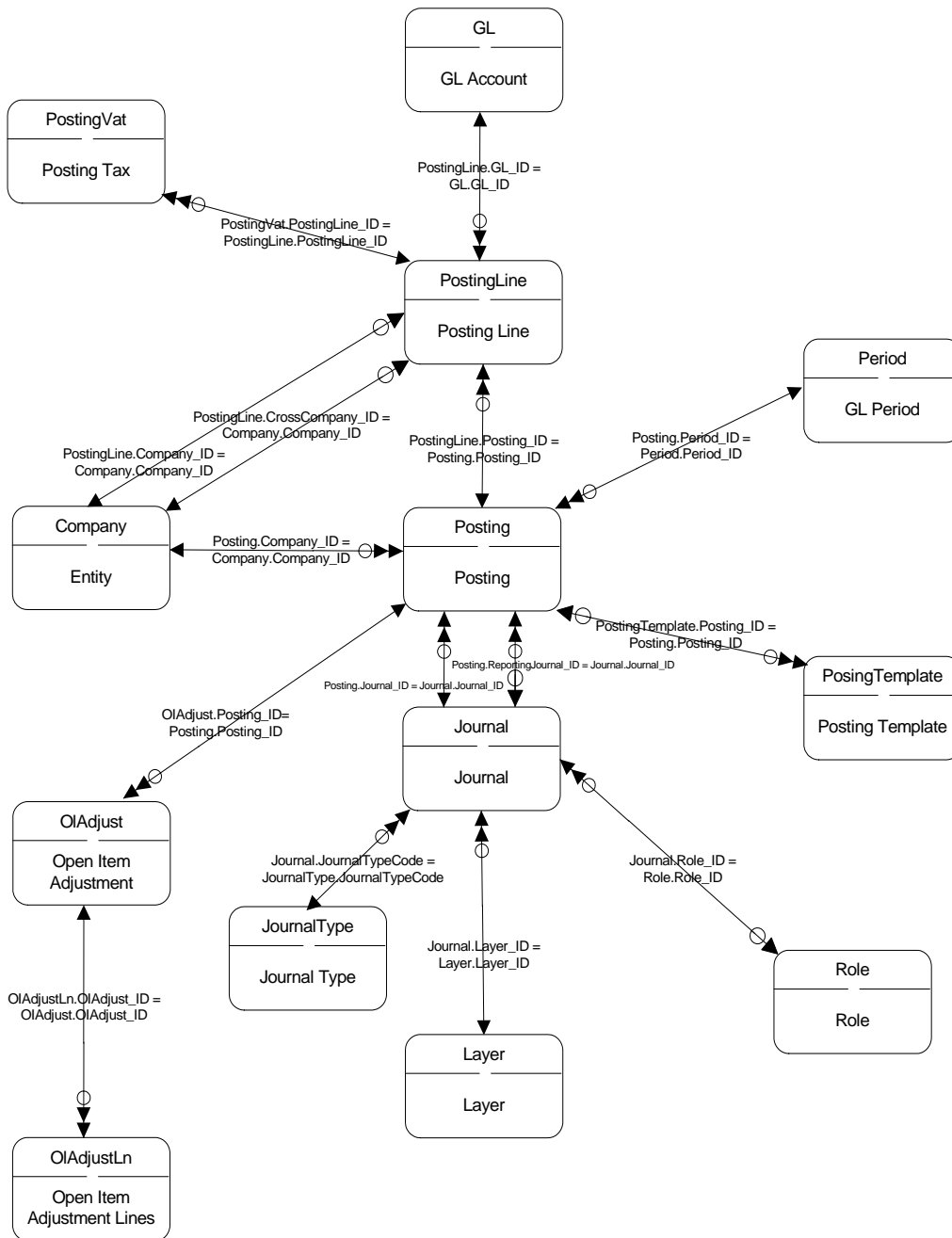


# Posting I

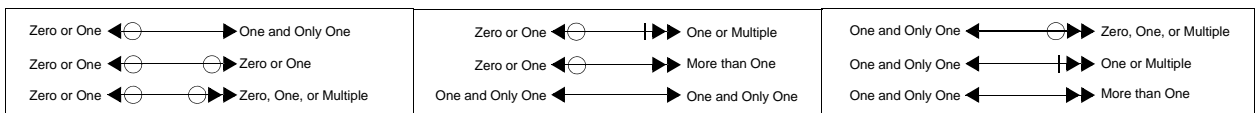
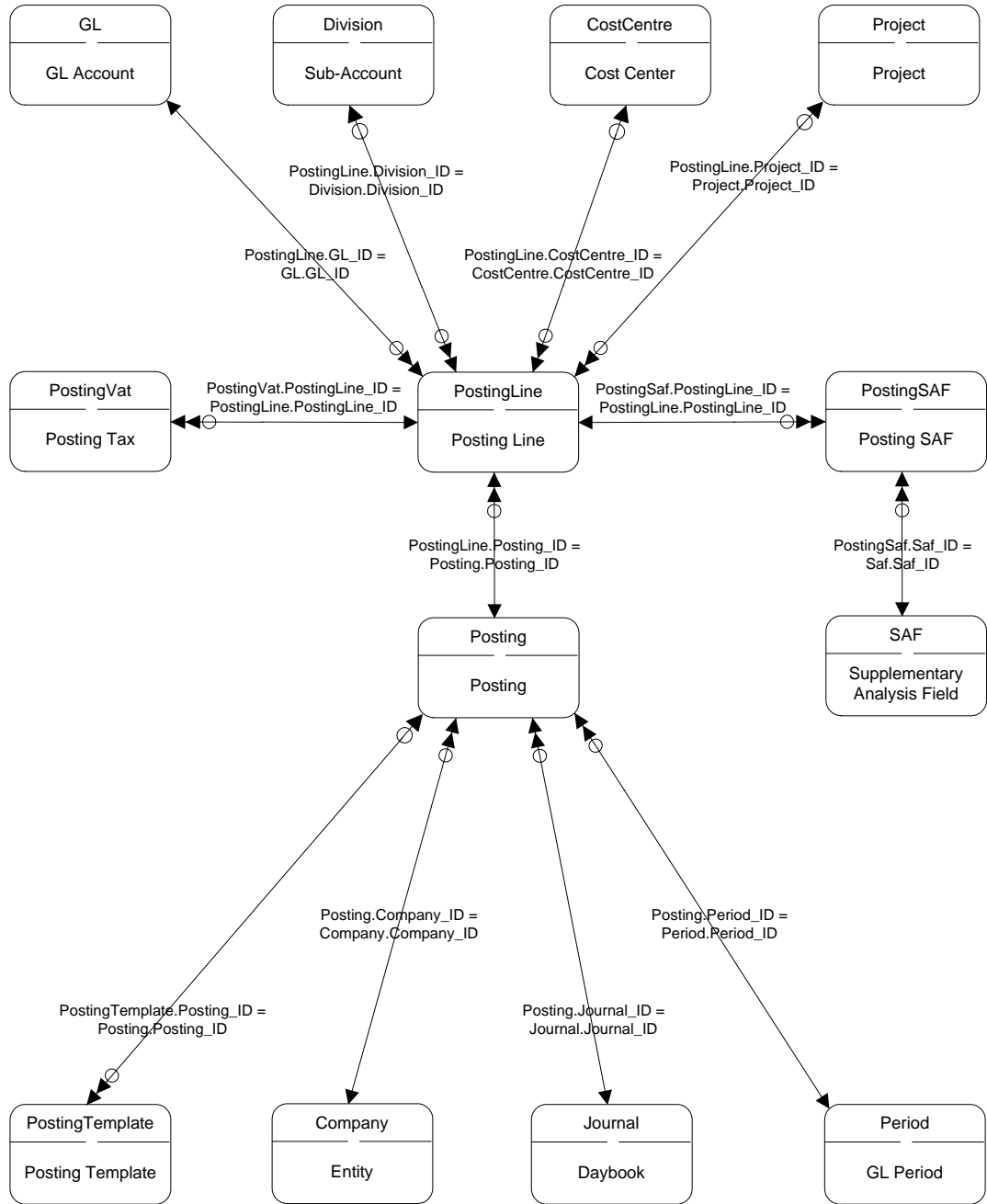


|   |   |   |
|---|---|---|
| Zero or One $\leftarrow \ominus \rightarrow$ One and Only One             | Zero or One $\leftarrow \ominus \dashv \rightarrow$ One or Multiple             | One and Only One $\leftarrow \ominus \dashv \rightarrow$ Zero, One, or Multiple |
| Zero or One $\leftarrow \ominus \rightarrow \ominus$ Zero or One          | Zero or One $\leftarrow \ominus \dashv \rightarrow \dashv$ More than One        | One and Only One $\leftarrow \ominus \dashv \rightarrow \dashv$ One or Multiple |
| Zero or One $\leftarrow \ominus \rightarrow \circ$ Zero, One, or Multiple | One and Only One $\leftarrow \ominus \dashv \rightarrow \circ$ One and Only One | One and Only One $\leftarrow \ominus \dashv \rightarrow \circ$ More than One    |

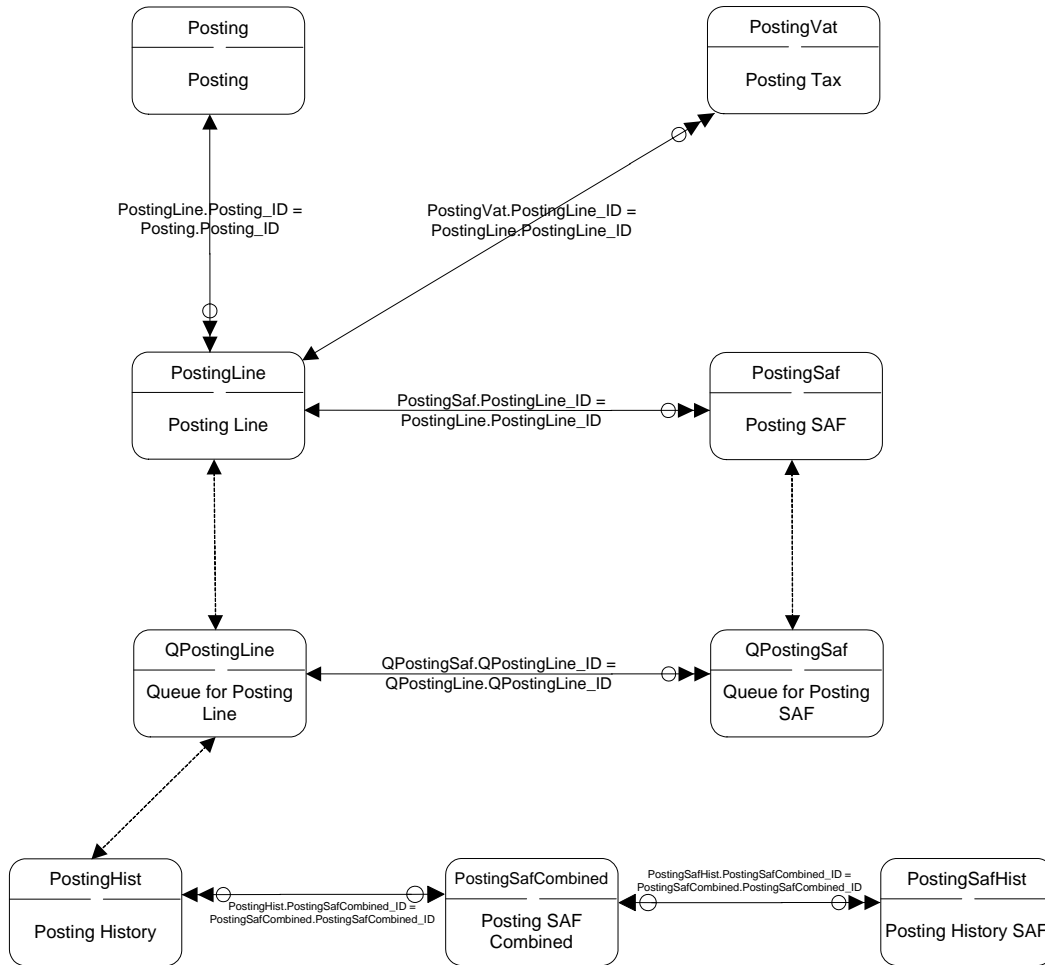
# Posting II



### Posting III



# Posting History

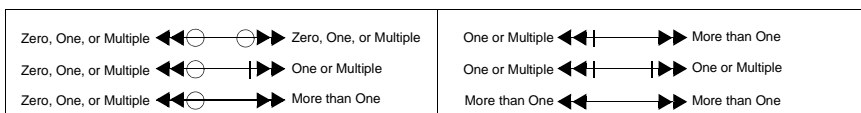


**Notes:** Every QPostingLine is directly linked to a PostingLine and every QPostingSaf is directly linked to a PostingLine although there is no physical relation between the normal tables and the q-variants (to avoid performance overhead).

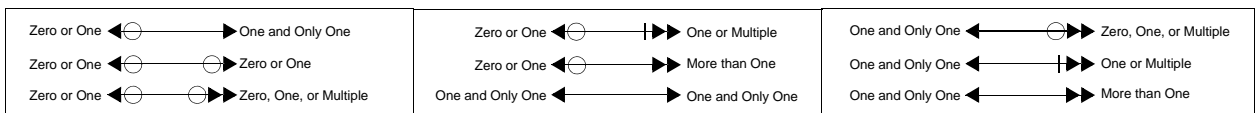
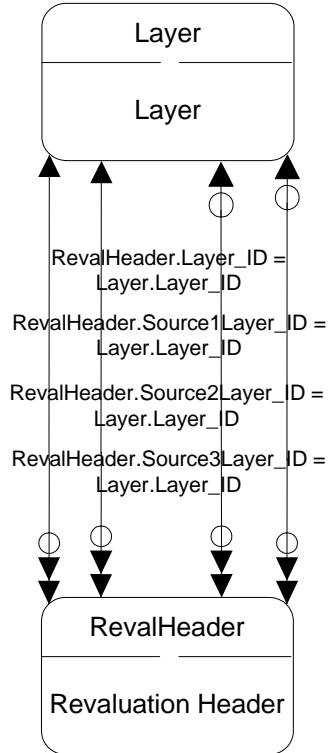
The q-records are created when a posting is created, changed, or modified and is picked up by the history daemon.

QPostingLine and QPostingSaf are created when the posting is created and hold all links to the analytical tables.

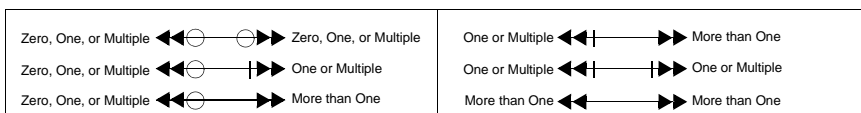
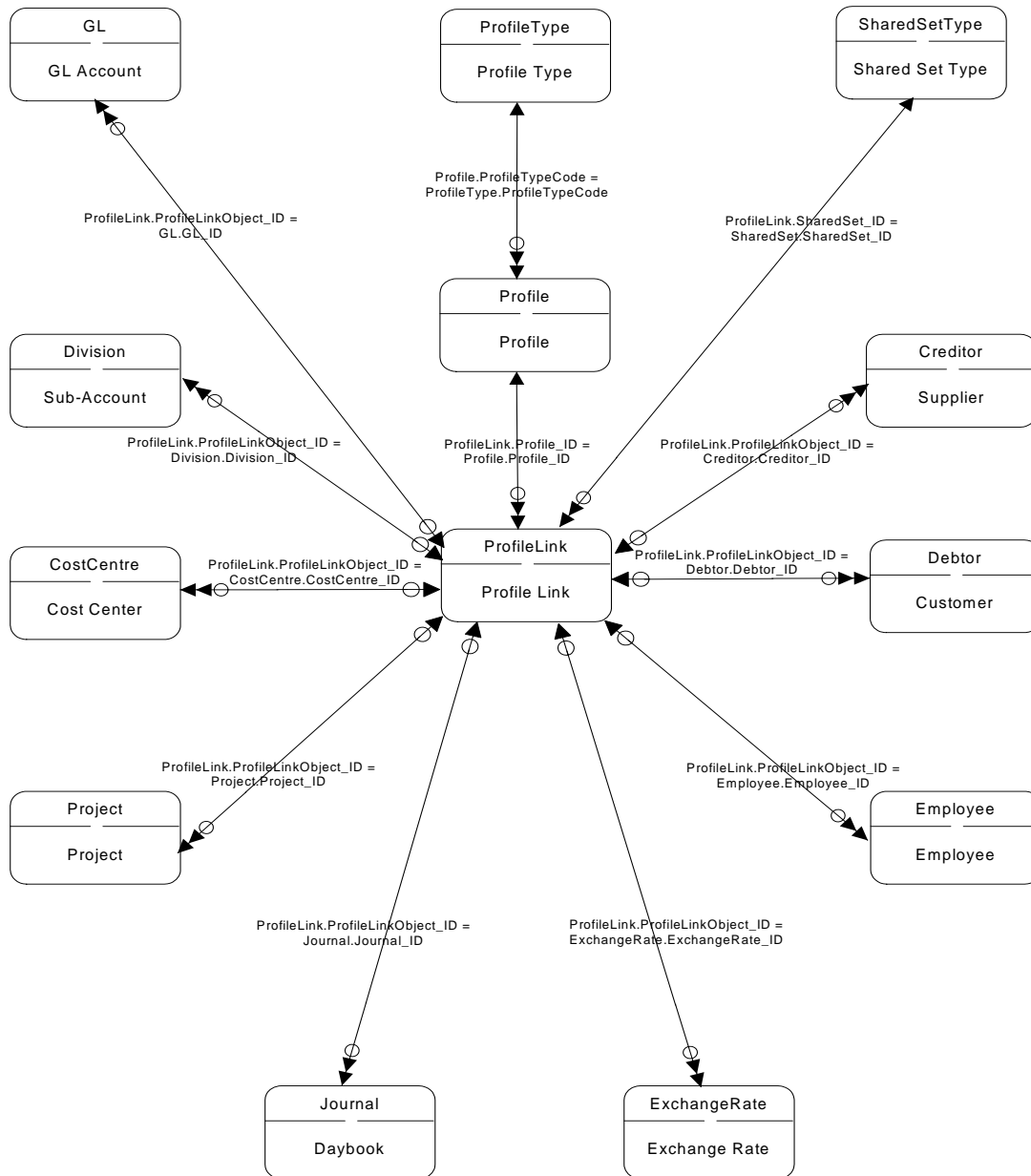
The history daemon processes the records that the system deletes once the system adds them to PosthiHist, PostingSafHist, and PostingSafCombined.



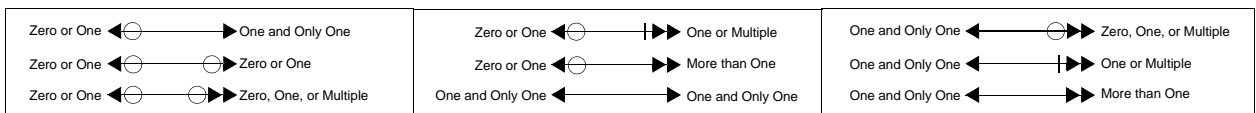
## Revaluations



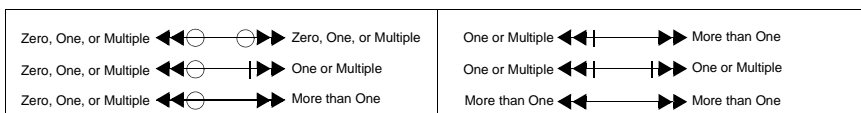
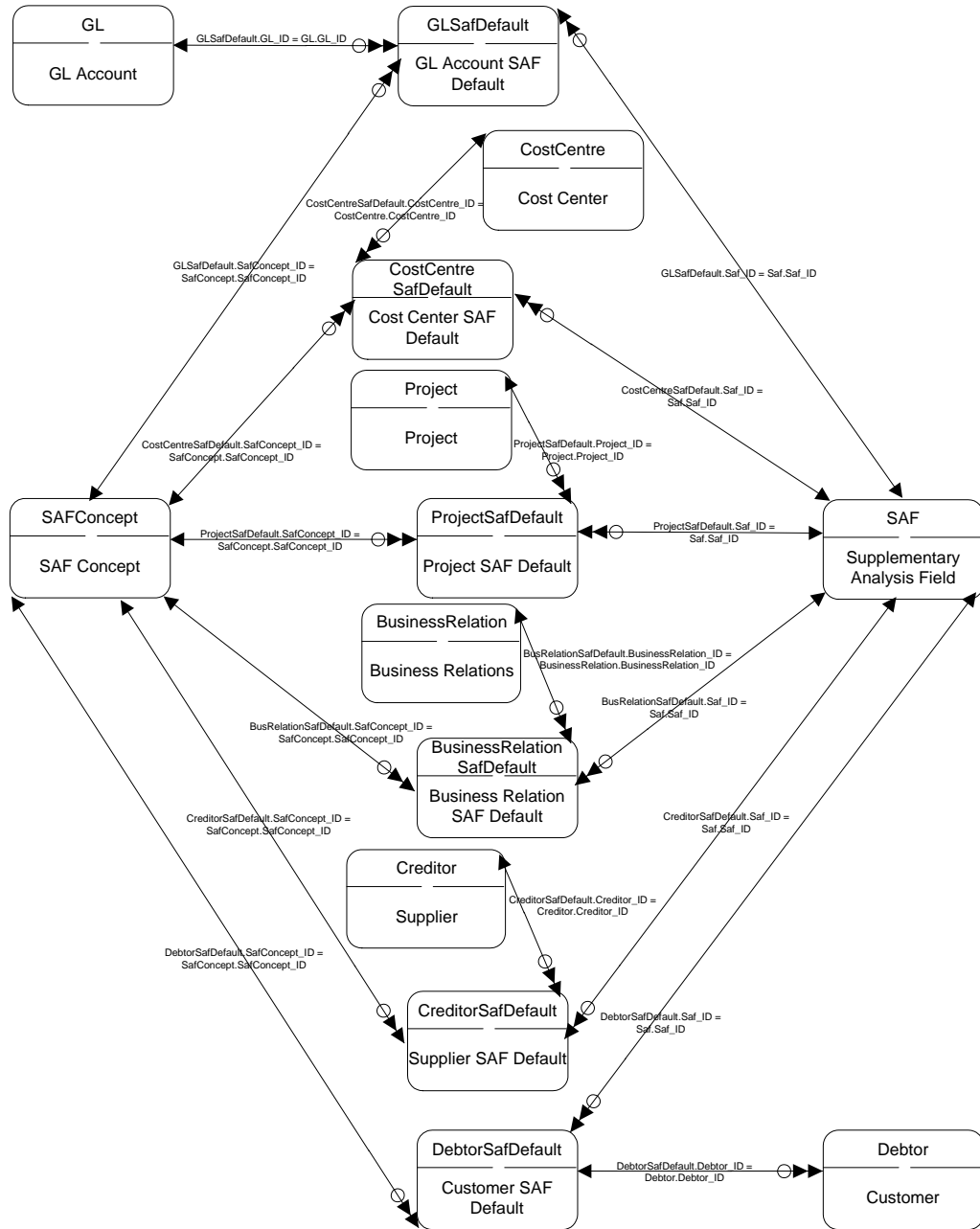
# Profiles



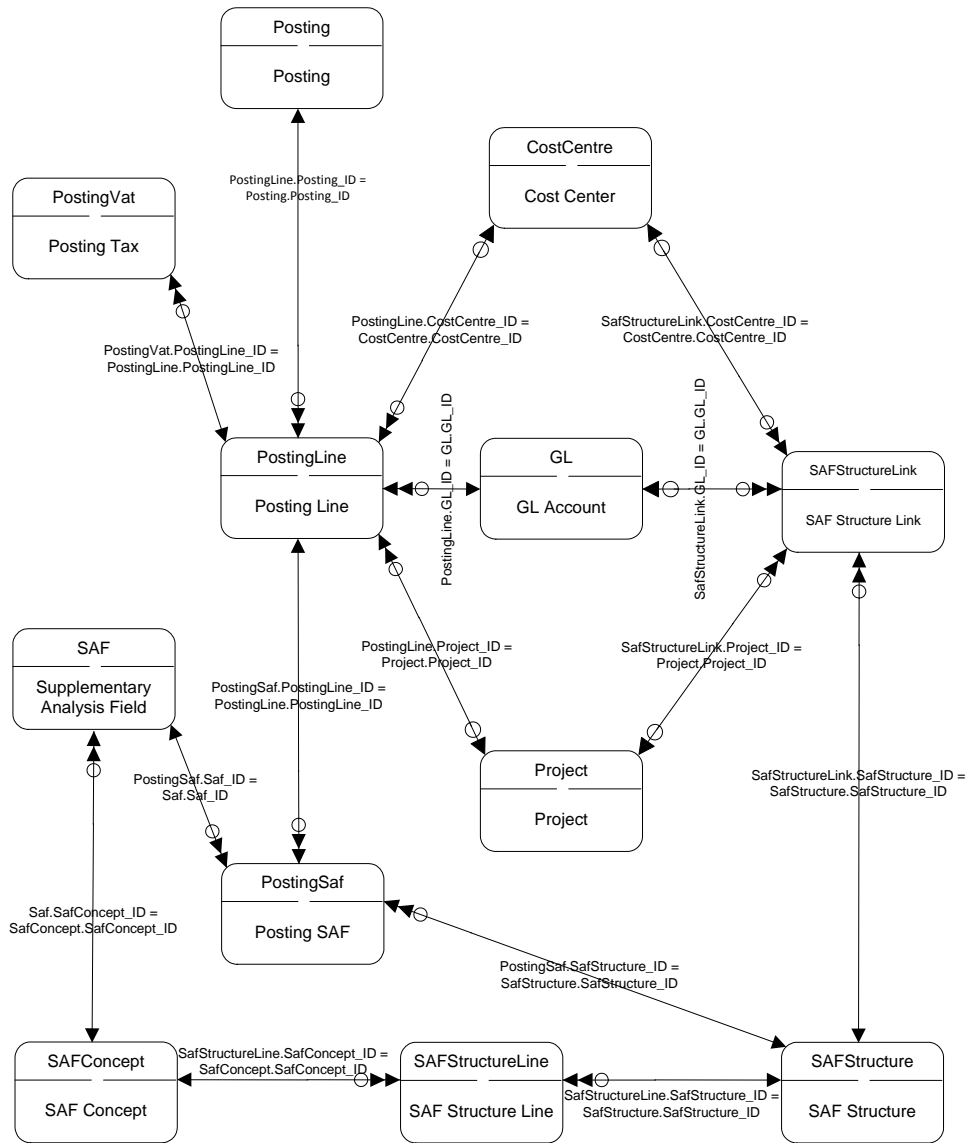
# SAF



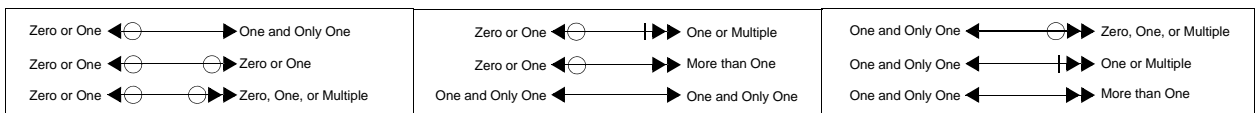
# SAF Defaulting



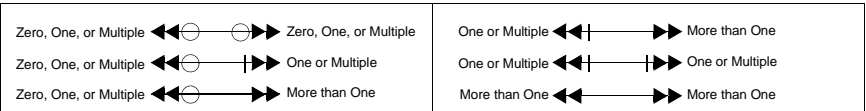
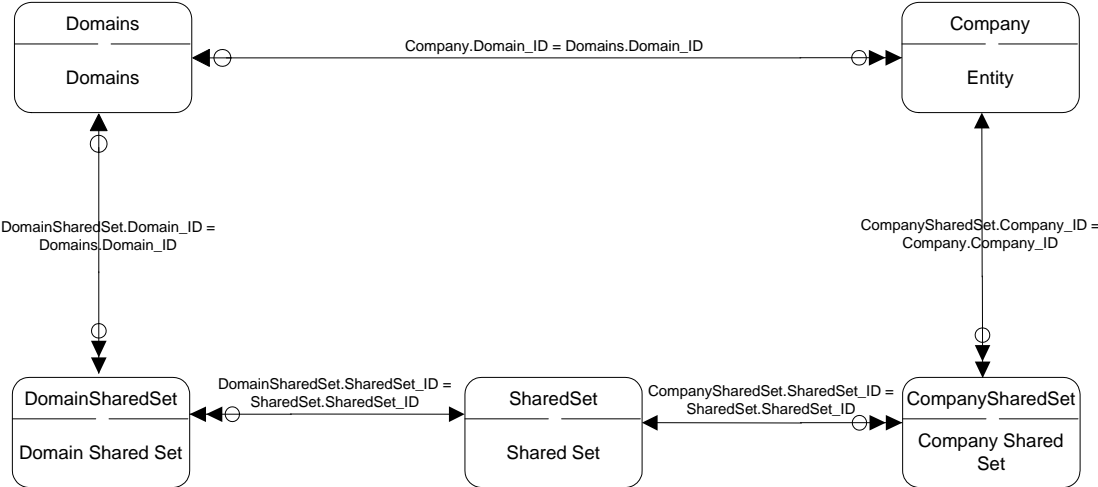
## SAF In Posting



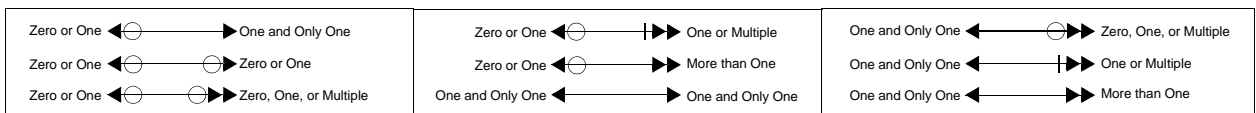
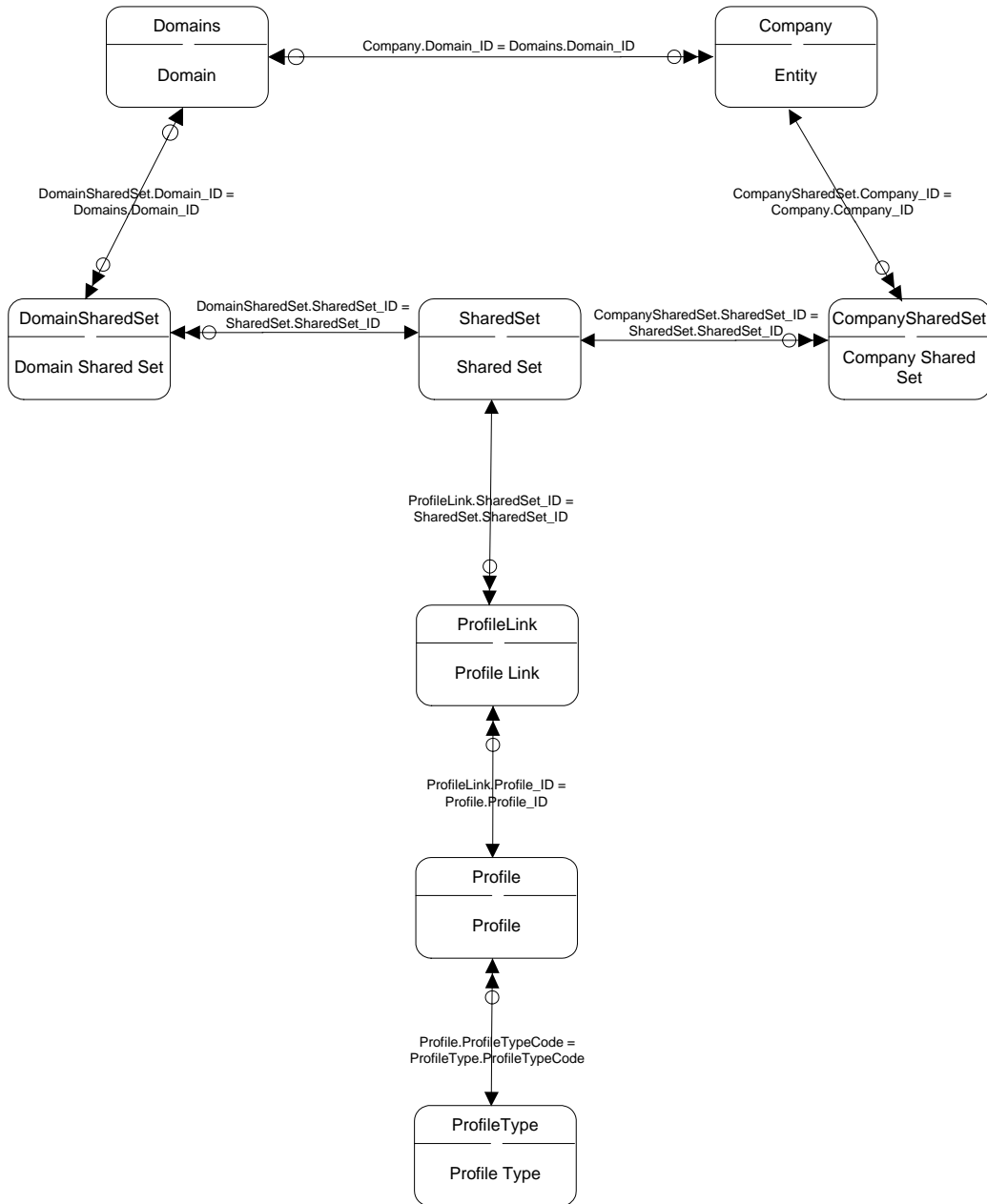
**Notes:** Saf is in the BSaf class. SafConcept is in the BSafConcept class. SafStructureLine and SafStructure are in the BSafStructure class.



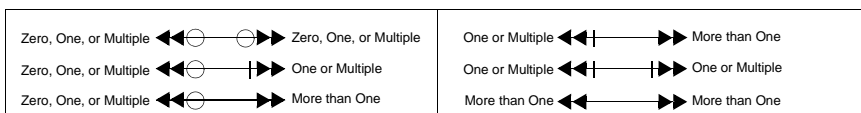
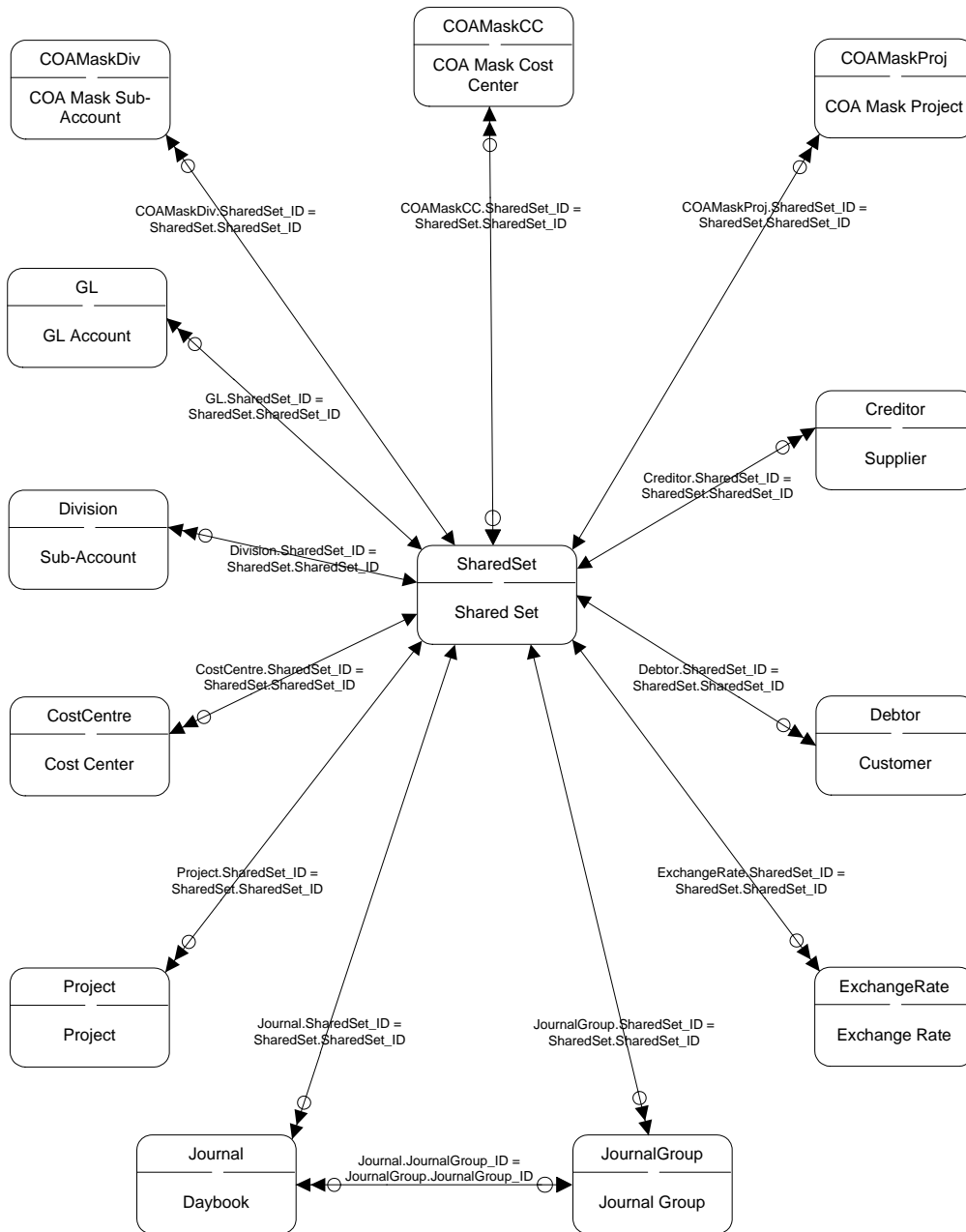
# Shared Sets



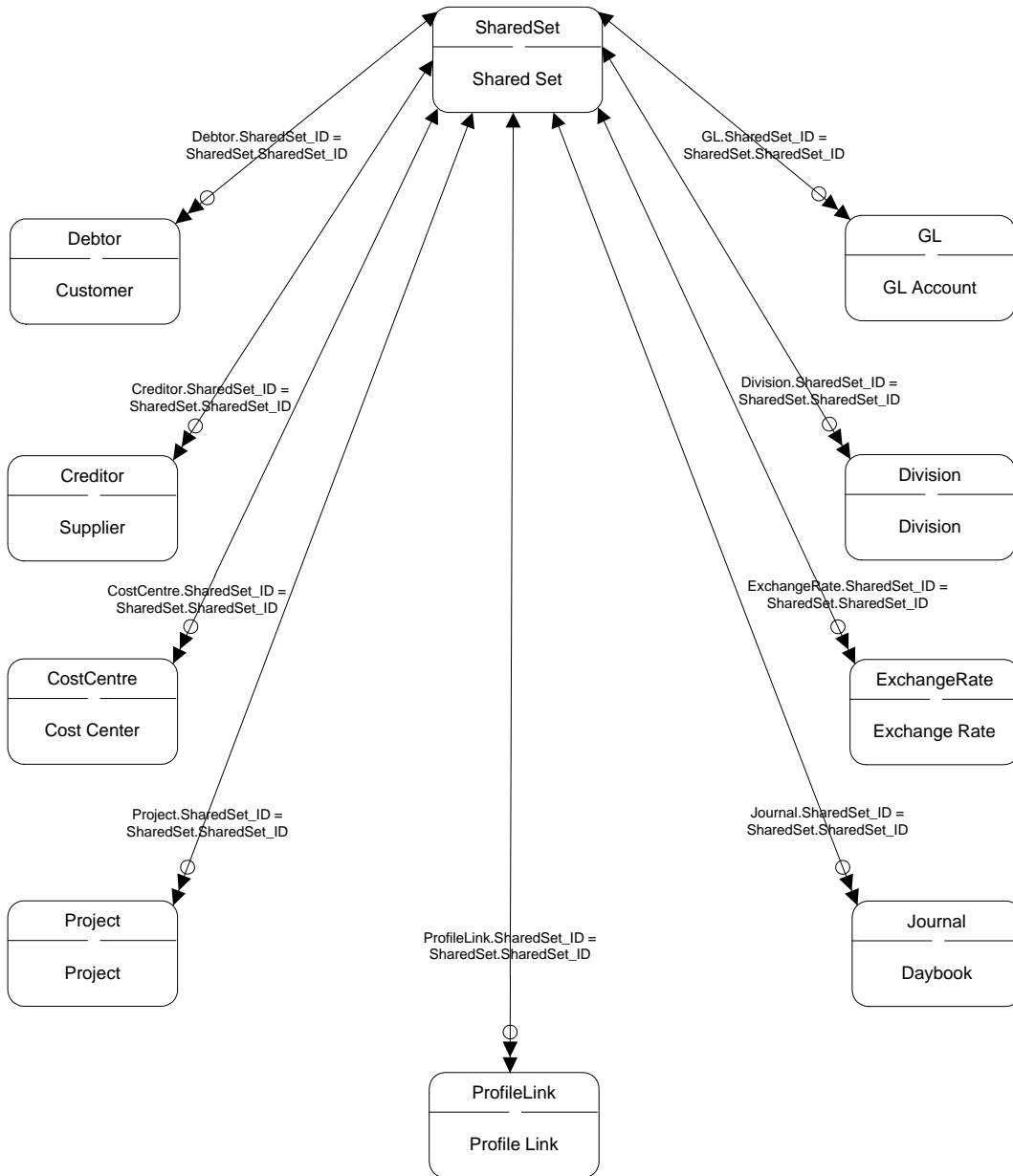
## Shared Sets Profiles



## Shared Sets Type

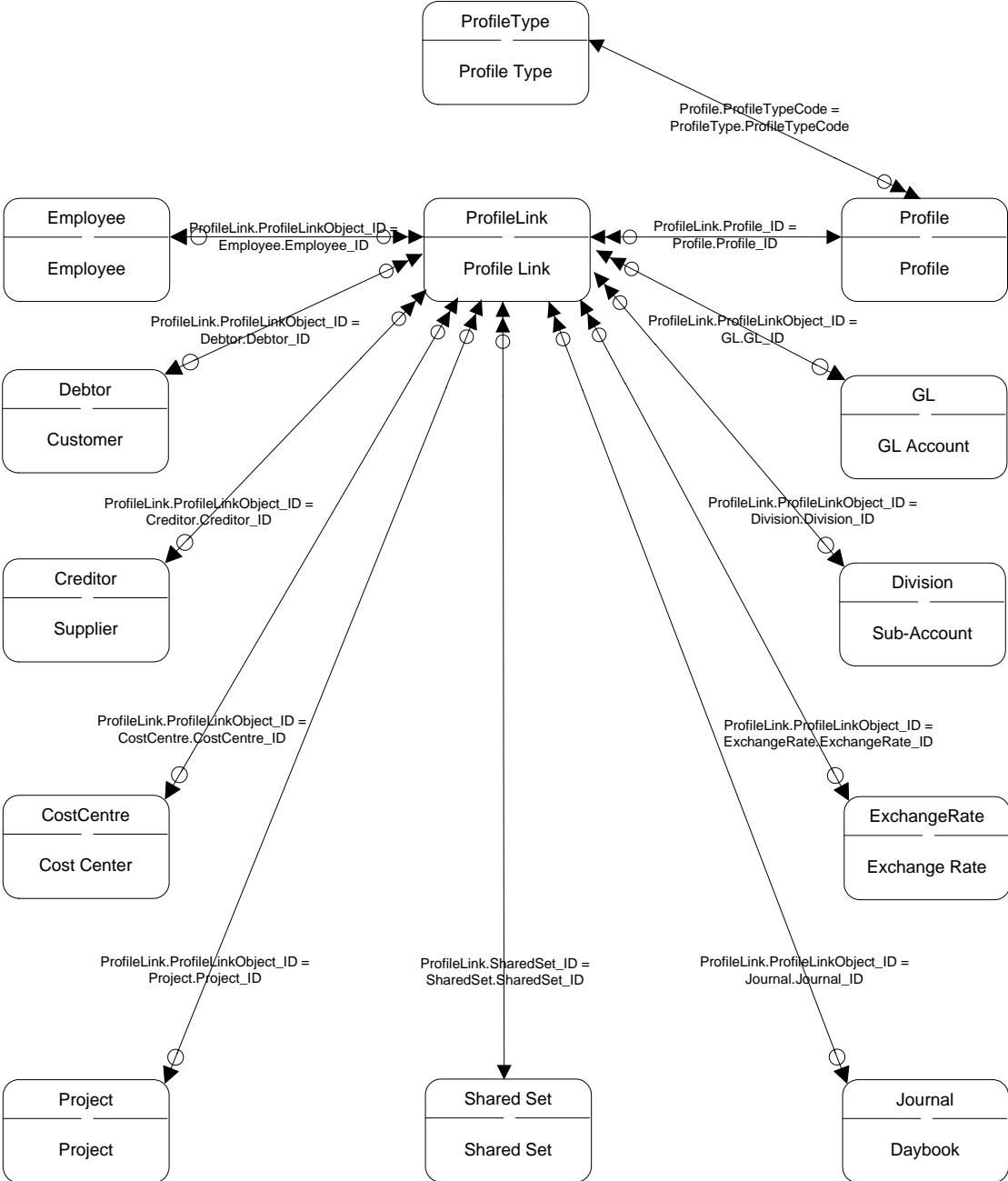


## Shared Sets Type Profile I



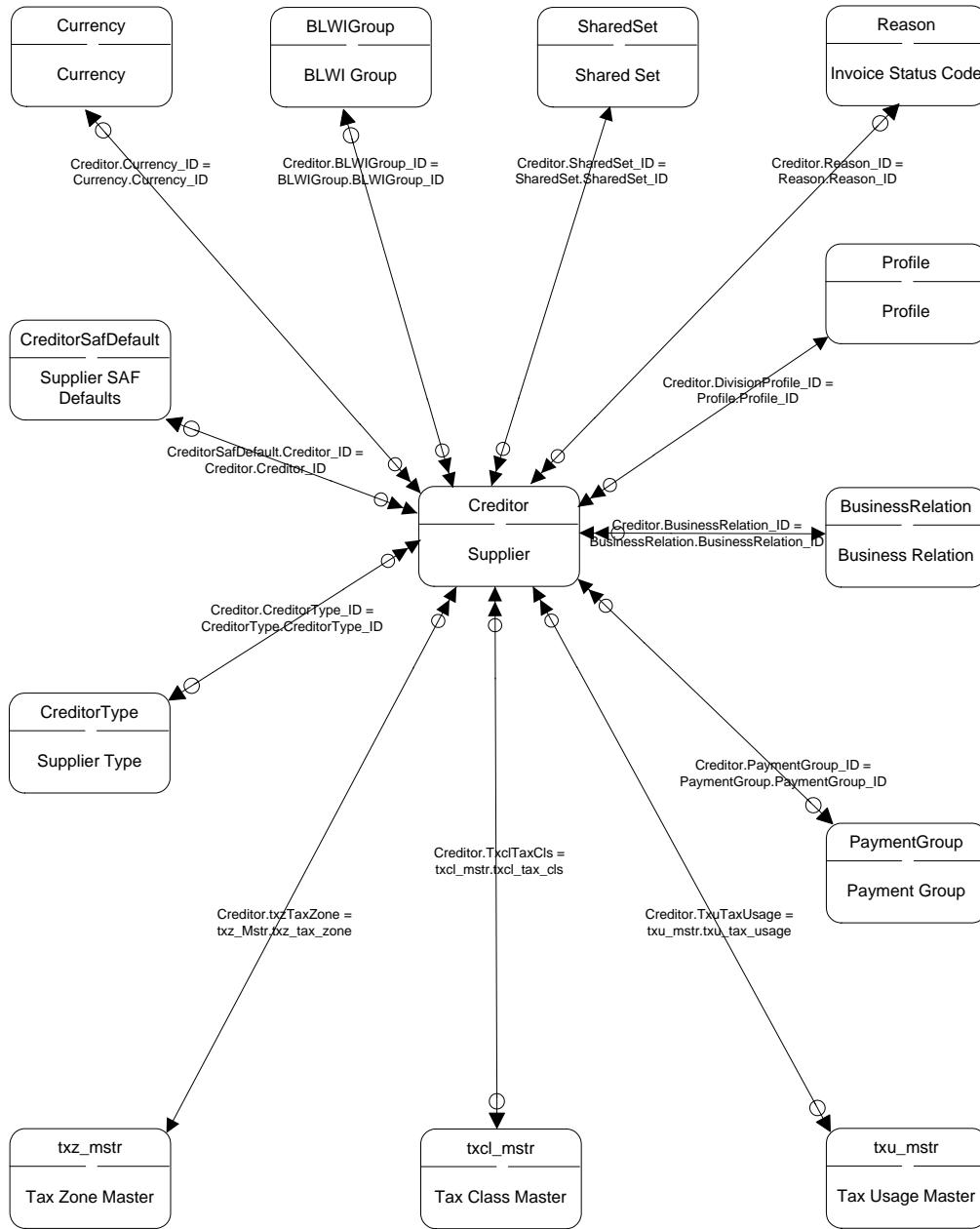
|  |   |   |
|--|---|---|
| Zero or One ← ⊖ → One and Only One           | Zero or One ← ⊖ ⊥ → One or Multiple           | One and Only One ← ⊖ ⊥ → Zero, One, or Multiple |
| Zero or One ← ⊖ ⊖ → Zero or One              | Zero or One ← ⊖ ⊥ ⊥ → More than One           | One and Only One ← ⊖ ⊥ ⊥ → One or Multiple      |
| Zero or One ← ⊖ ⊖ ⊥ → Zero, One, or Multiple | One and Only One ← ⊖ ⊥ ⊥ ⊥ → One and Only One | One and Only One ← ⊖ ⊥ ⊥ ⊥ → More than One      |

# Shared Sets Type Profile II



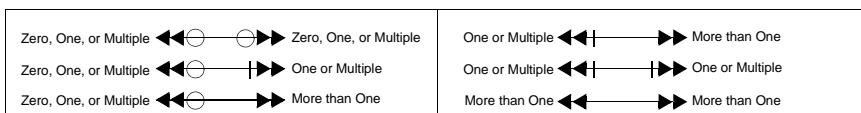
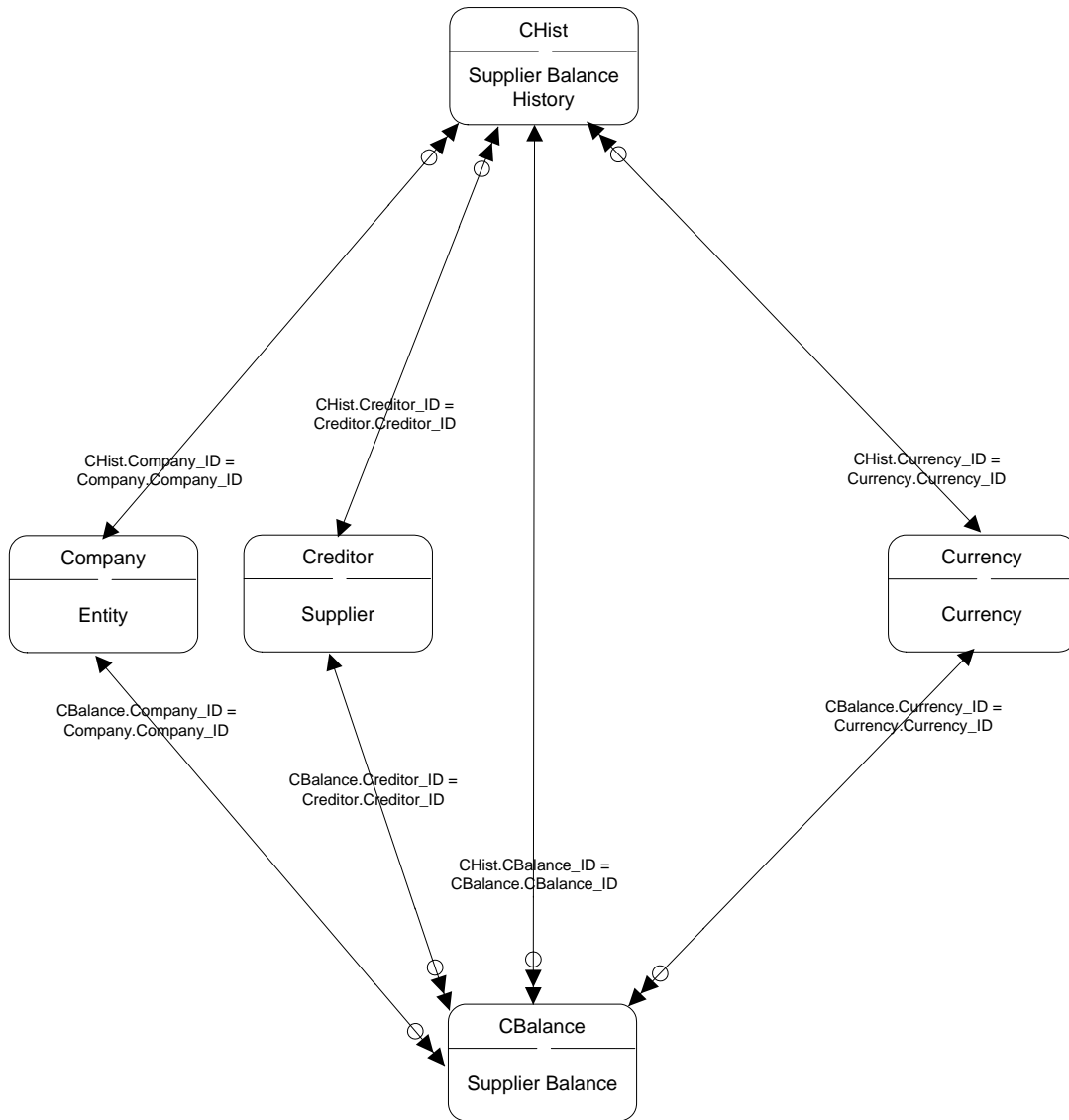
|                        |     |     |                        |                 |    |    |                 |
|------------------------|-----|-----|------------------------|-----------------|----|----|-----------------|
| Zero, One, or Multiple | ◀◀○ | ○▶▶ | Zero, One, or Multiple | One or Multiple | ◀◀ | ▶▶ | More than One   |
| Zero, One, or Multiple | ◀◀○ | ▶▶  | One or Multiple        | One or Multiple | ◀◀ | ▶▶ | One or Multiple |
| Zero, One, or Multiple | ◀◀○ | ▶▶  | More than One          | More than One   | ◀◀ | ▶▶ | More than One   |

# Supplier

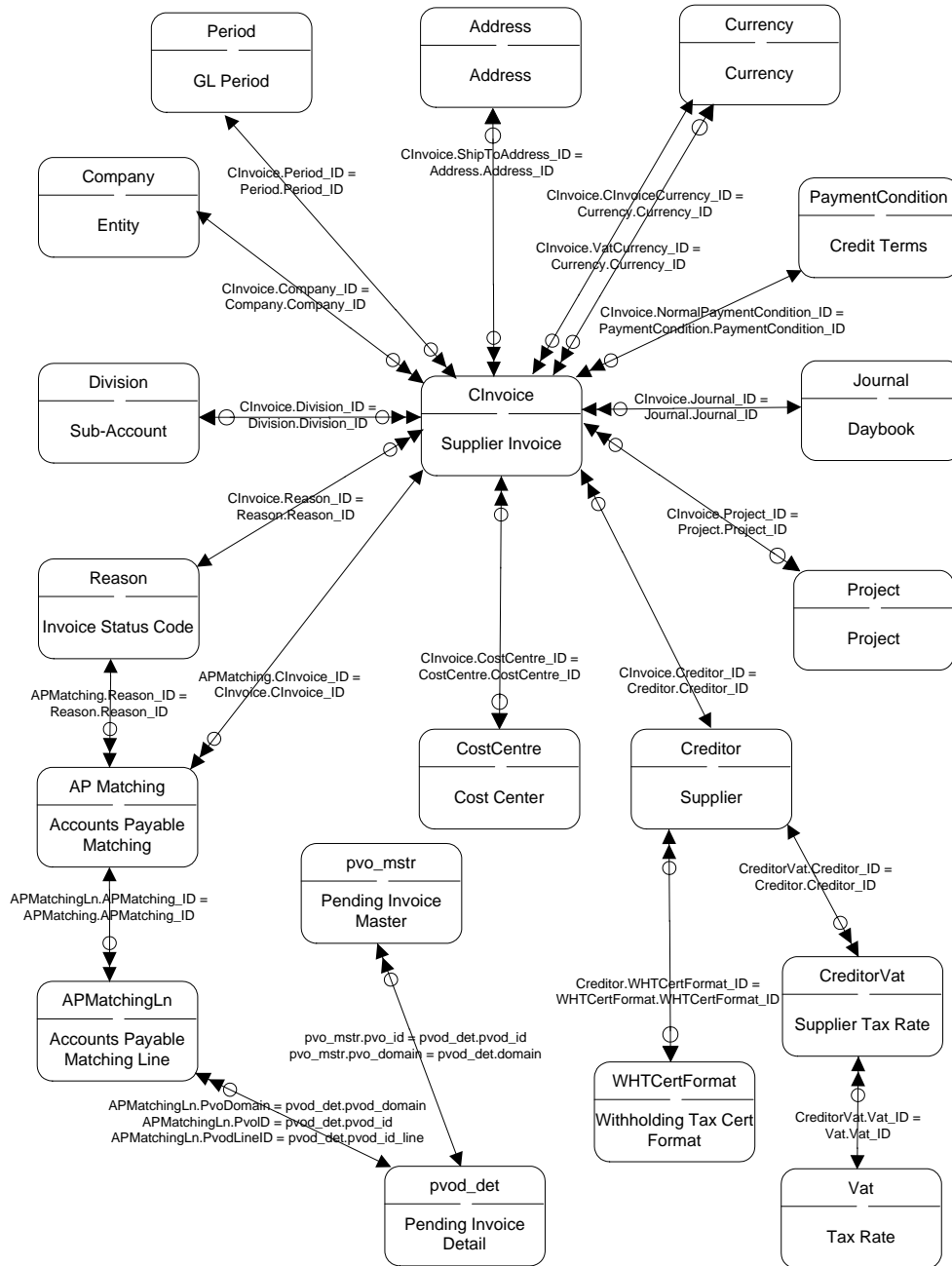


|  |  |  |
|--|--|--|
| Zero or One $\leftarrow \ominus \rightarrow$ One and Only One              | Zero or One $\leftarrow \ominus \dashv \rightarrow$ One or Multiple              | One and Only One $\leftarrow \ominus \dashv \rightarrow$ Zero, One, or Multiple      |
| Zero or One $\leftarrow \ominus \rightarrow \ominus$ Zero or One           | Zero or One $\leftarrow \ominus \dashv \rightarrow \dashv$ More than One         | One and Only One $\leftarrow \ominus \dashv \rightarrow \dashv$ One or Multiple      |
| Zero or One $\leftarrow \ominus \rightarrow \dashv$ Zero, One, or Multiple | One and Only One $\leftarrow \ominus \dashv \rightarrow \dashv$ One and Only One | One and Only One $\leftarrow \ominus \dashv \rightarrow \dashv \dashv$ More than One |

# Supplier Balance

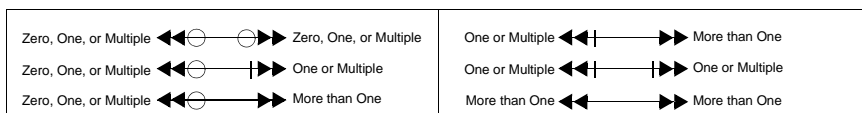
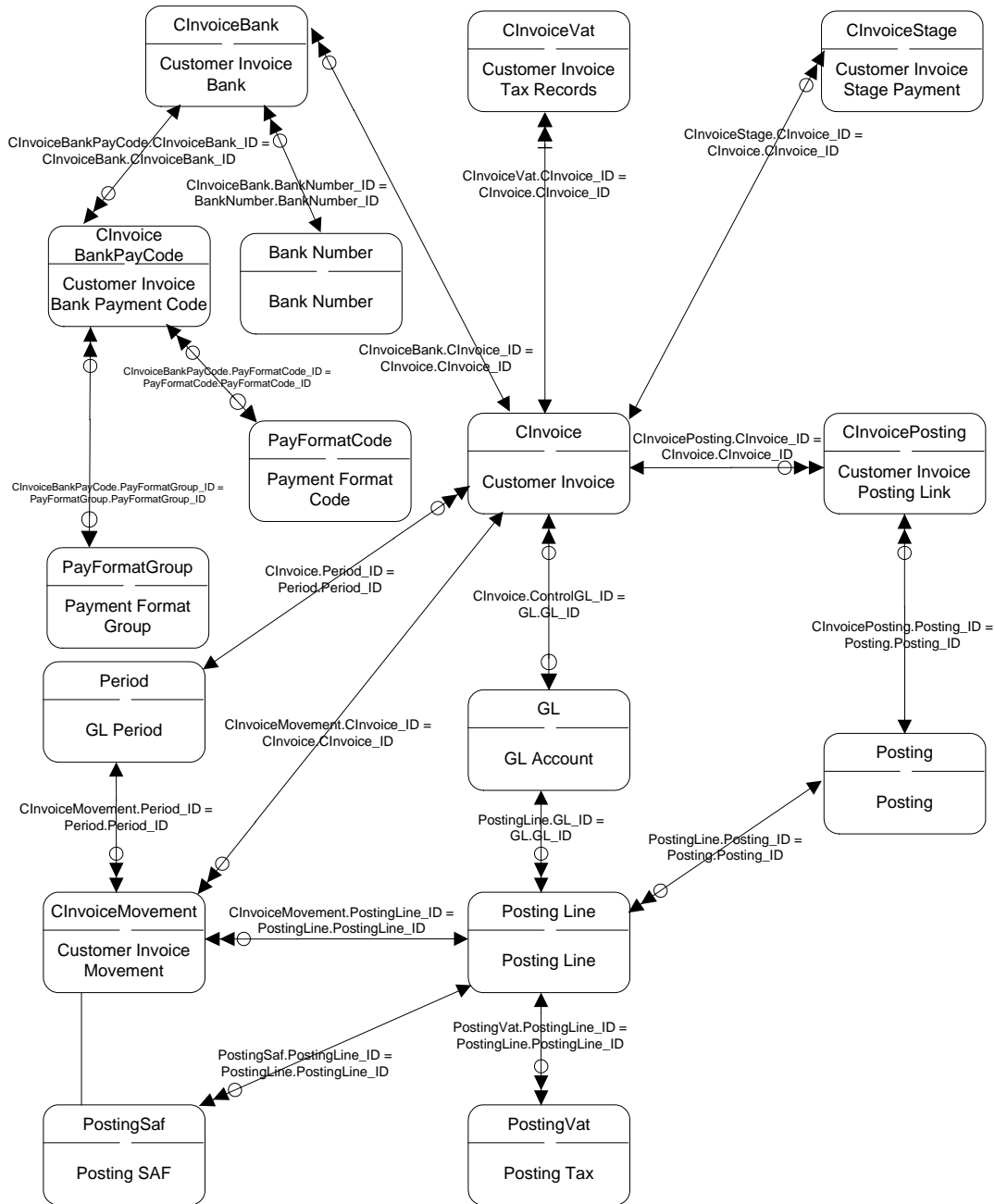


# Supplier Invoice I

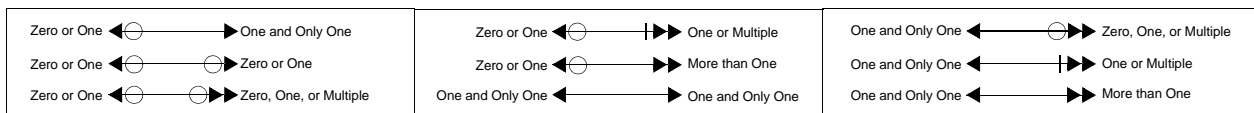
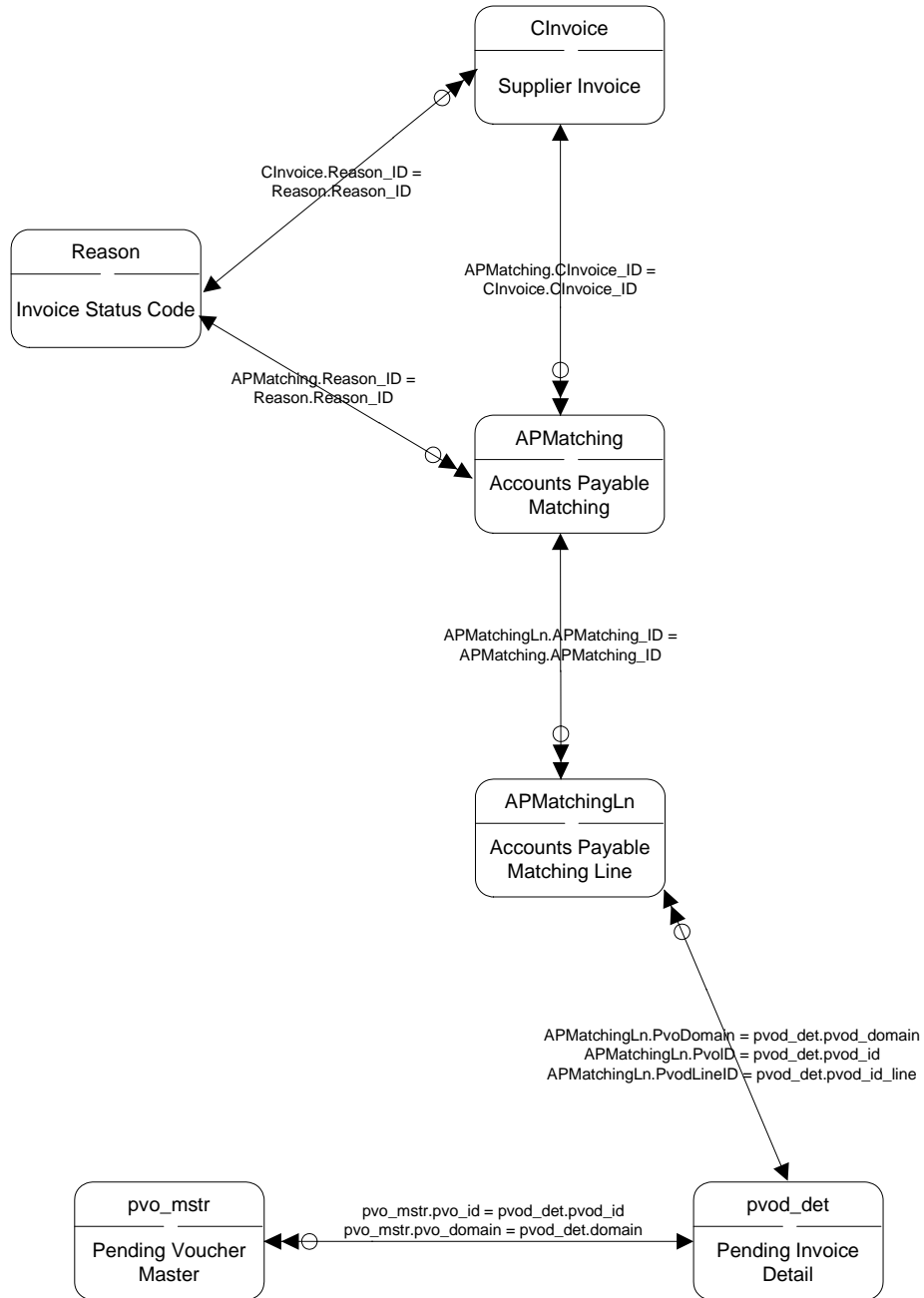


|  |  |  |
|--|--|--|
| Zero or One $\leftarrow \ominus \longrightarrow$ One and Only One                      | Zero or One $\leftarrow \ominus \dashv \longrightarrow$ One or Multiple              | One and Only One $\leftarrow \ominus \dashv \longrightarrow$ Zero, One, or Multiple      |
| Zero or One $\leftarrow \ominus \longrightarrow \ominus$ Zero or One                   | Zero or One $\leftarrow \ominus \dashv \longrightarrow \dashv$ More than One         | One and Only One $\leftarrow \ominus \dashv \longrightarrow \dashv$ One or Multiple      |
| Zero or One $\leftarrow \ominus \longrightarrow \ominus \dashv$ Zero, One, or Multiple | One and Only One $\leftarrow \ominus \dashv \longrightarrow \dashv$ One and Only One | One and Only One $\leftarrow \ominus \dashv \longrightarrow \dashv \dashv$ More than One |

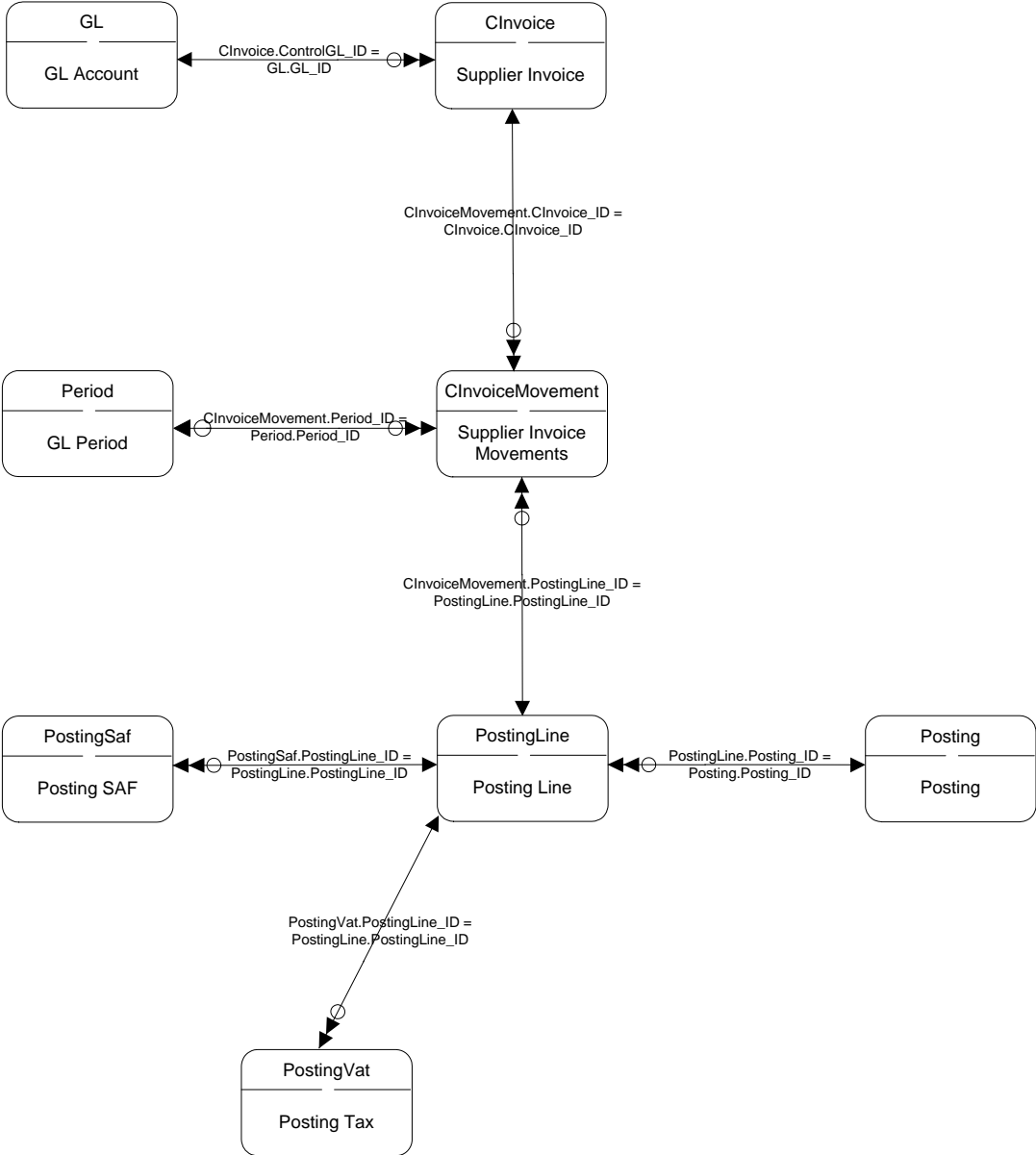
# Supplier Invoice II



## Supplier Invoice Matching

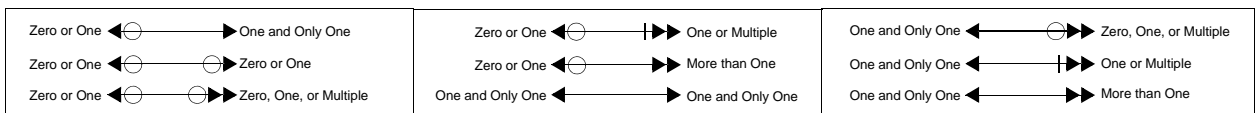
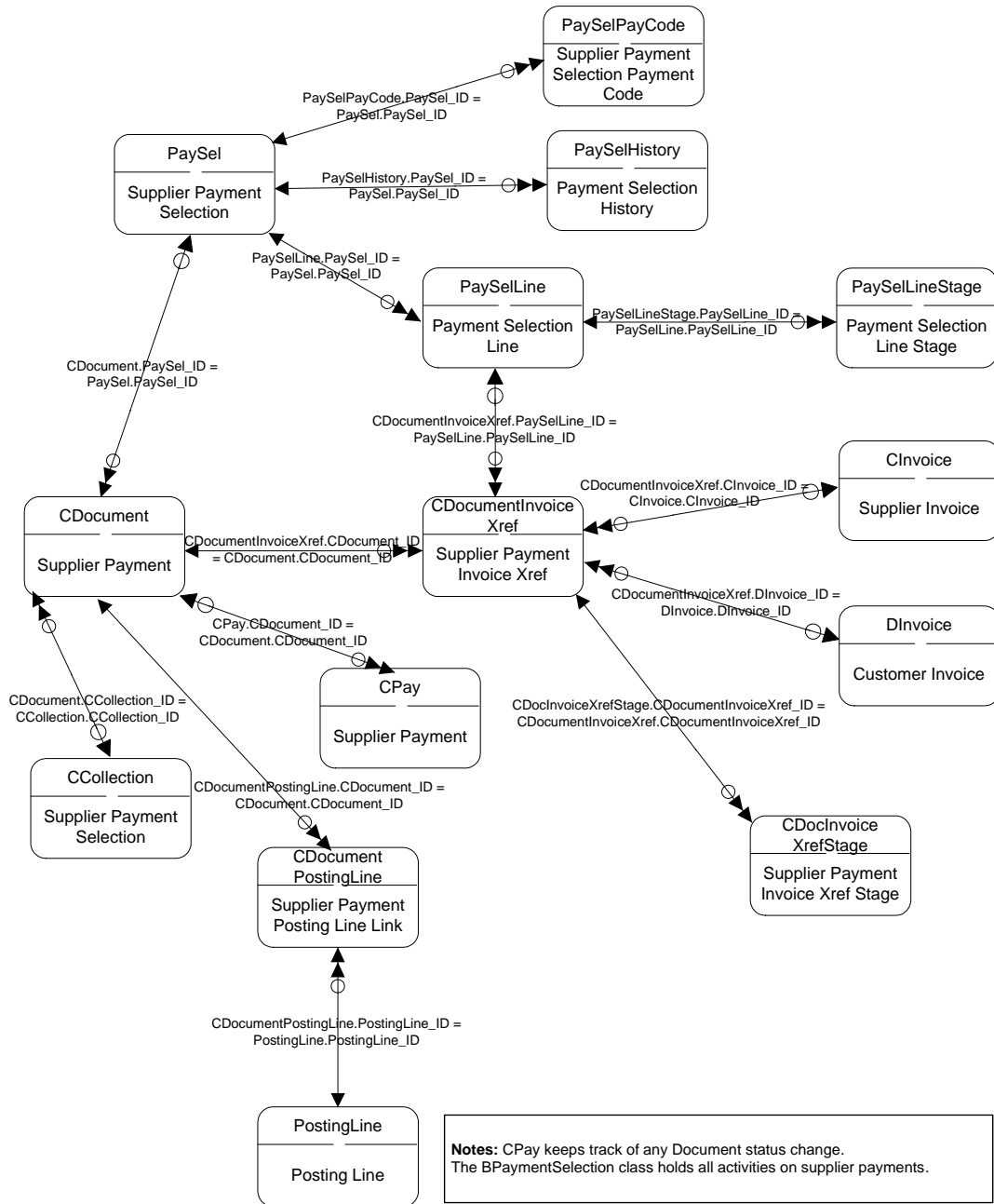


# Supplier Invoice Movement

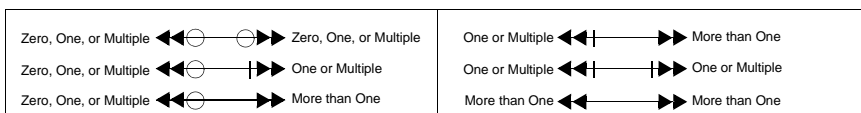
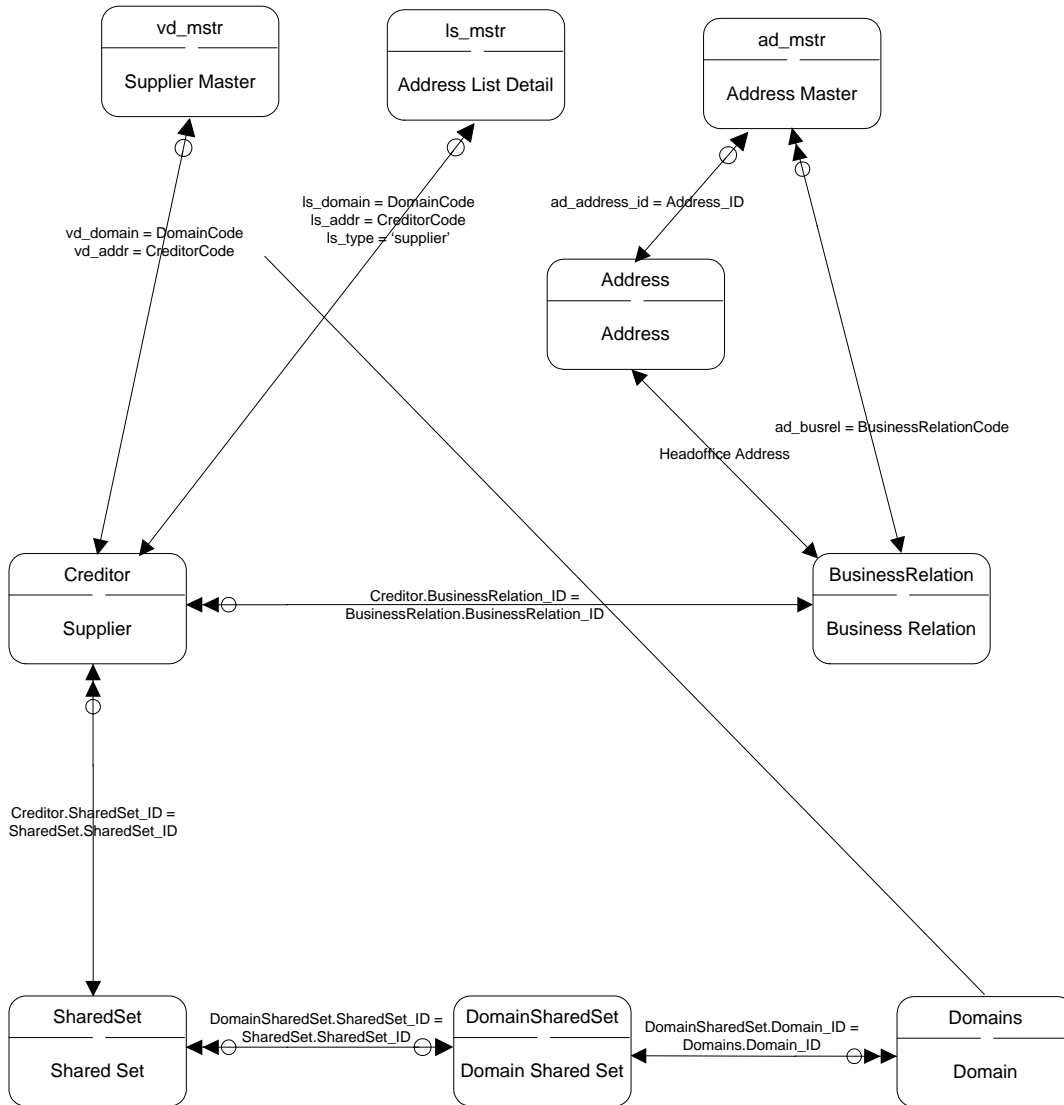


|                        |     |    |                        |                 |      |   |                 |
|------------------------|-----|----|------------------------|-----------------|------|---|-----------------|
| Zero, One, or Multiple | ←○→ | ○→ | Zero, One, or Multiple | One or Multiple | ←  → | → | More than One   |
| Zero, One, or Multiple | ←○→ | →  | One or Multiple        | One or Multiple | ←  → | → | One or Multiple |
| Zero, One, or Multiple | ←○→ | →  | More than One          | More than One   | ←  → | → | More than One   |

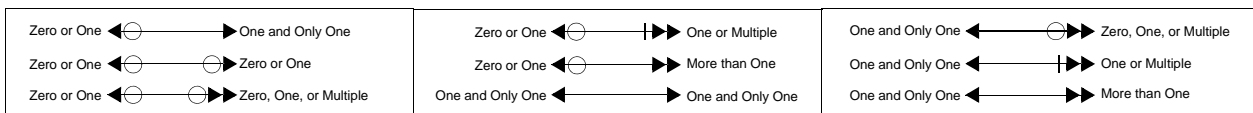
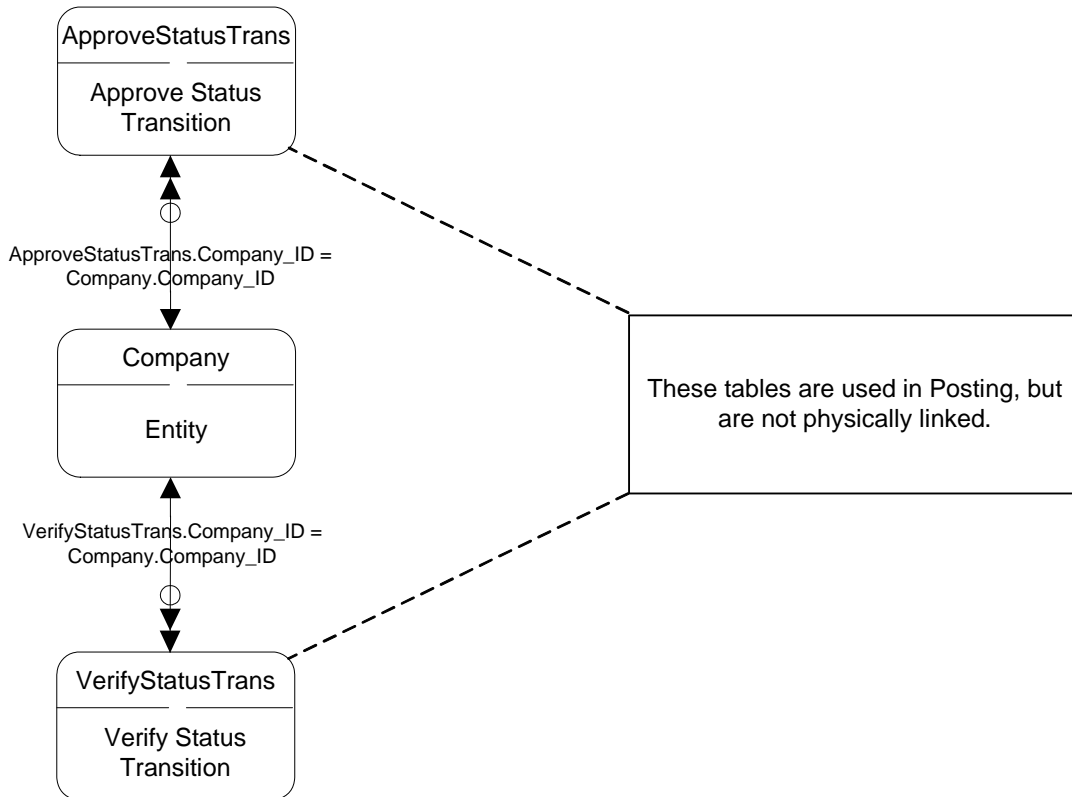
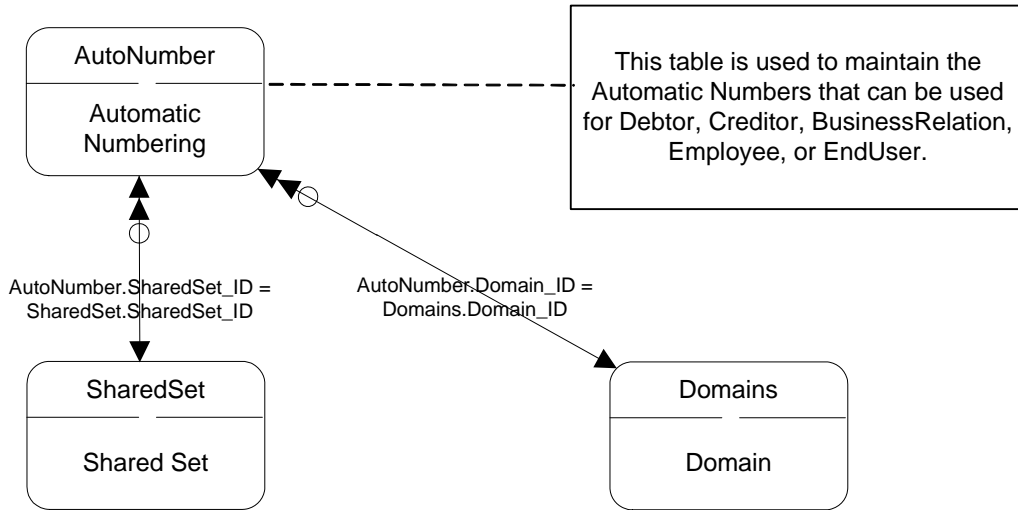
# Supplier Payments



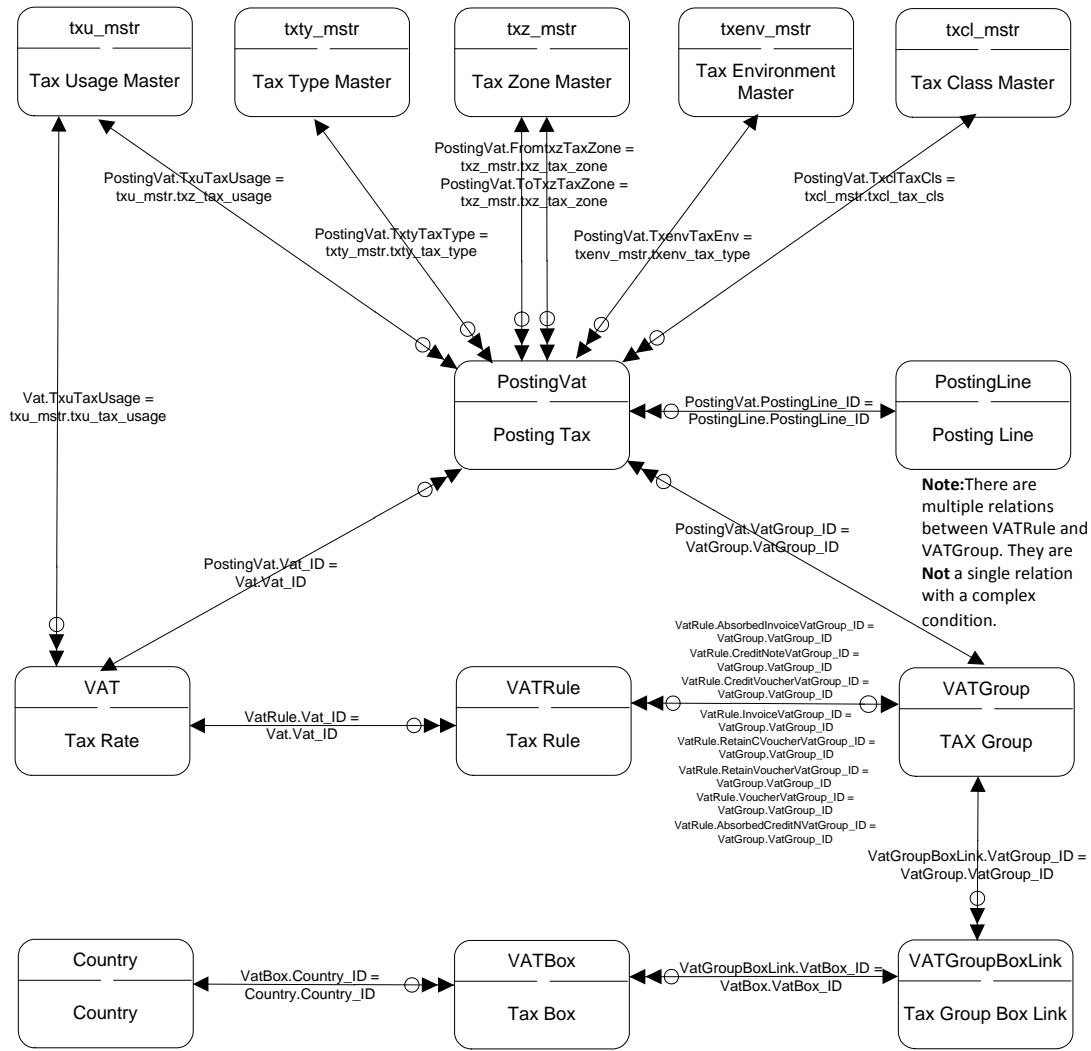
# Supplier Replication



## Supportive Tables

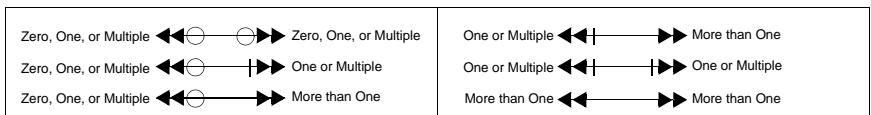


# Tax Master

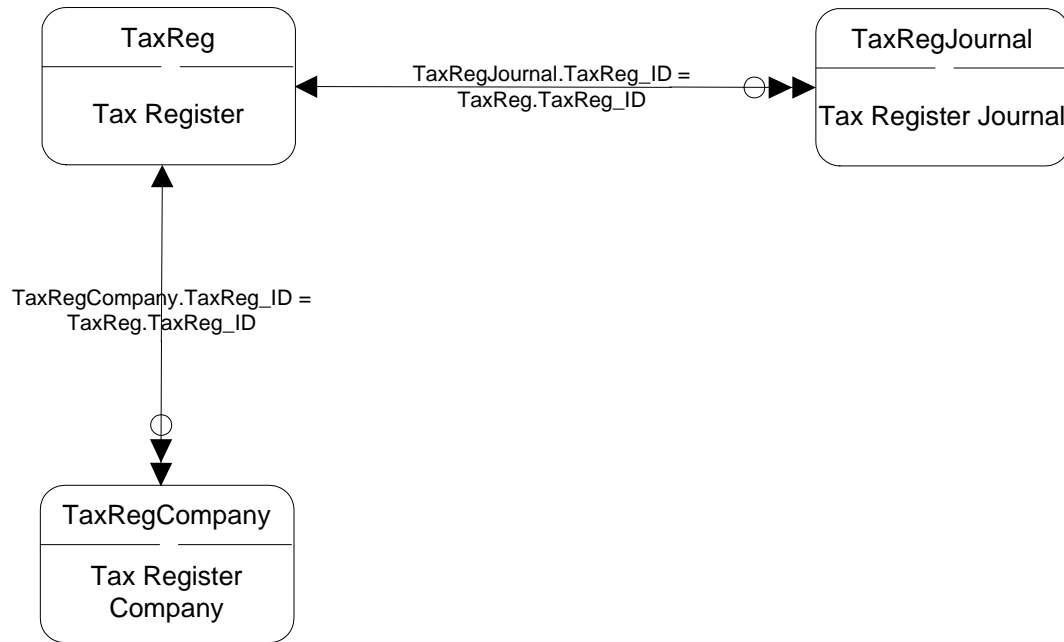


**Note:** There are multiple relations between VATRule and VATGroup. They are **Not** a single relation with a complex condition.

**Notes:** The relationship among the five tax setup tables that are defined in the operation side of the application and the PostingVat and Vat tables of the financials are in the repository, even though the five tax setup tables are not in the finance database.

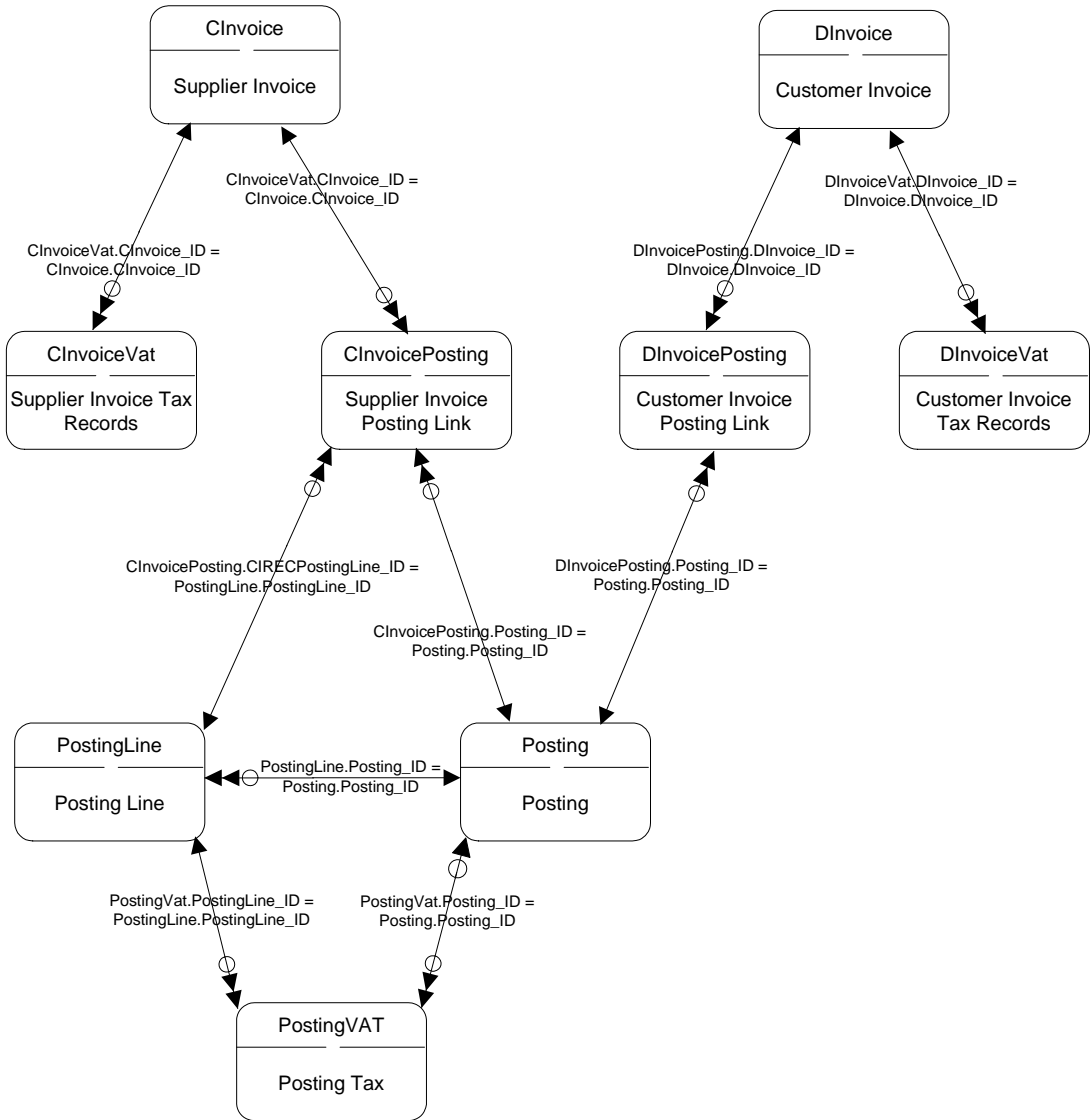


## Tax Register



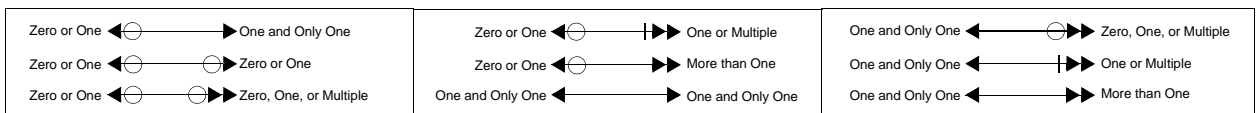
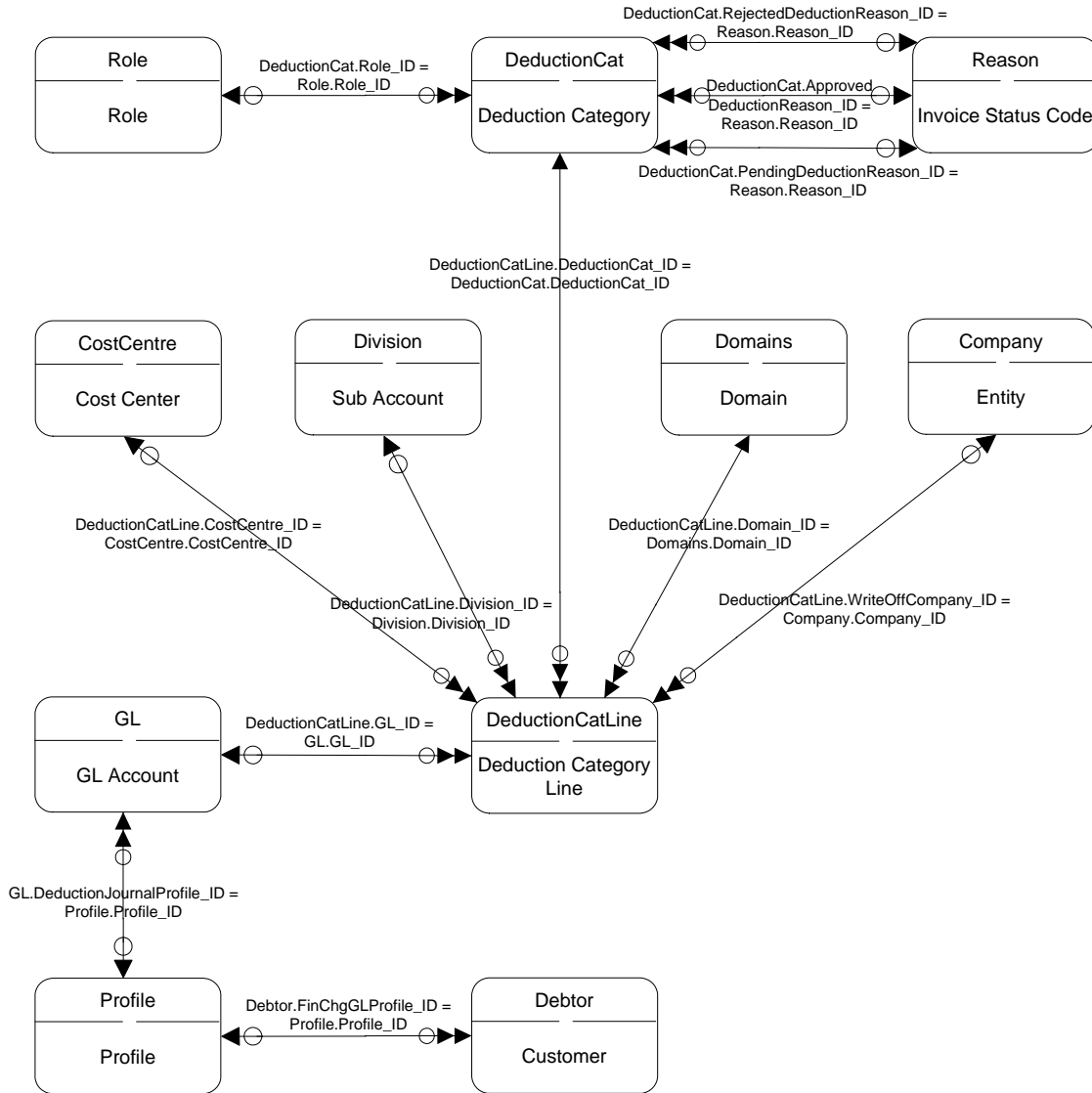
|   |  |  |
|---|--|--|
| Zero or One ← ⊖ ————— ⊖ —————> One and Only One       | Zero or One ← ⊖ ————— ⊕ —————> One or Multiple       | One and Only One ← ⊖ ————— ⊕ —————> Zero, One, or Multiple |
| Zero or One ← ⊖ ————— ⊖ —————> Zero or One            | Zero or One ← ⊖ ————— ⊕ —————> More than One         | One and Only One ← ⊖ ————— ⊕ —————> One or Multiple        |
| Zero or One ← ⊖ ————— ⊖ —————> Zero, One, or Multiple | One and Only One ← ⊖ ————— ⊕ —————> One and Only One | One and Only One ← ⊖ ————— ⊕ —————> More than One          |

# Tax Transactions

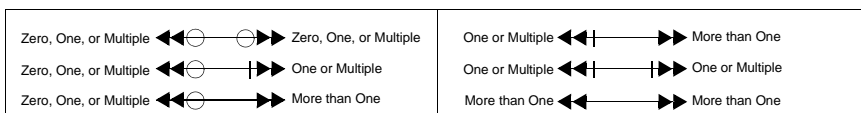
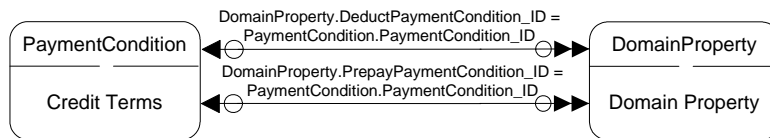
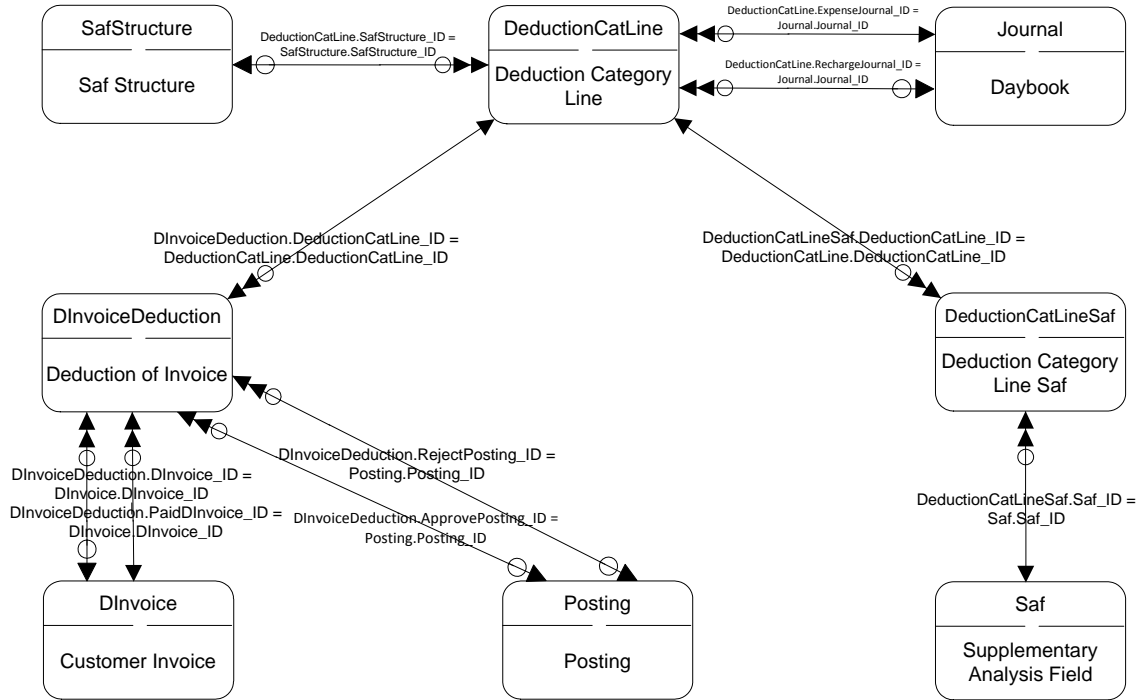


|                        |     |     |                        |                 |    |    |                 |
|------------------------|-----|-----|------------------------|-----------------|----|----|-----------------|
| Zero, One, or Multiple | ◀◀○ | ○▶▶ | Zero, One, or Multiple | One or Multiple | ◀◀ | ▶▶ | More than One   |
| Zero, One, or Multiple | ◀◀○ | ▶▶  | One or Multiple        | One or Multiple | ◀◀ | ▶▶ | One or Multiple |
| Zero, One, or Multiple | ◀◀○ | ▶▶  | More than One          | More than One   | ◀◀ | ▶▶ | More than One   |

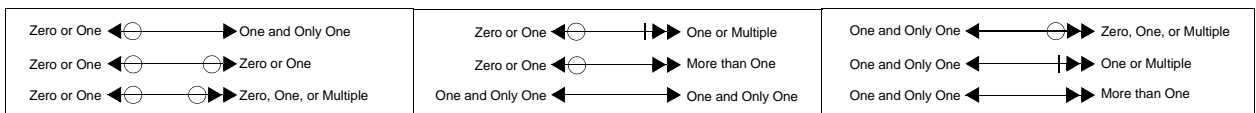
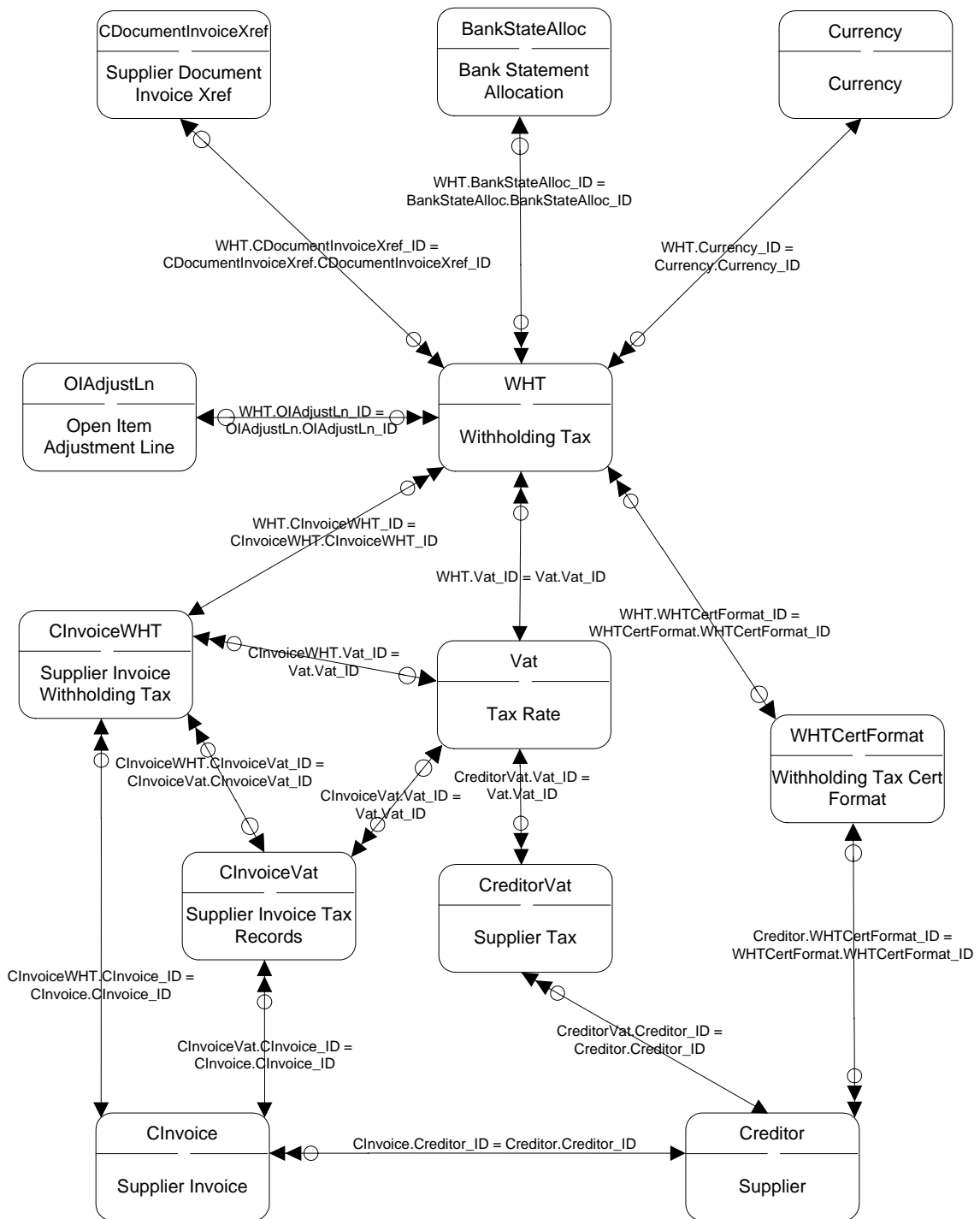
## TPM Deductions I



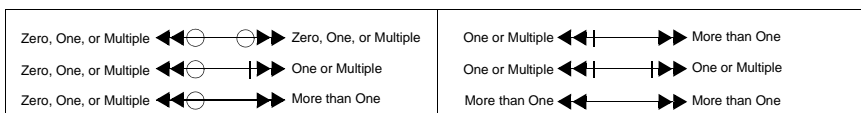
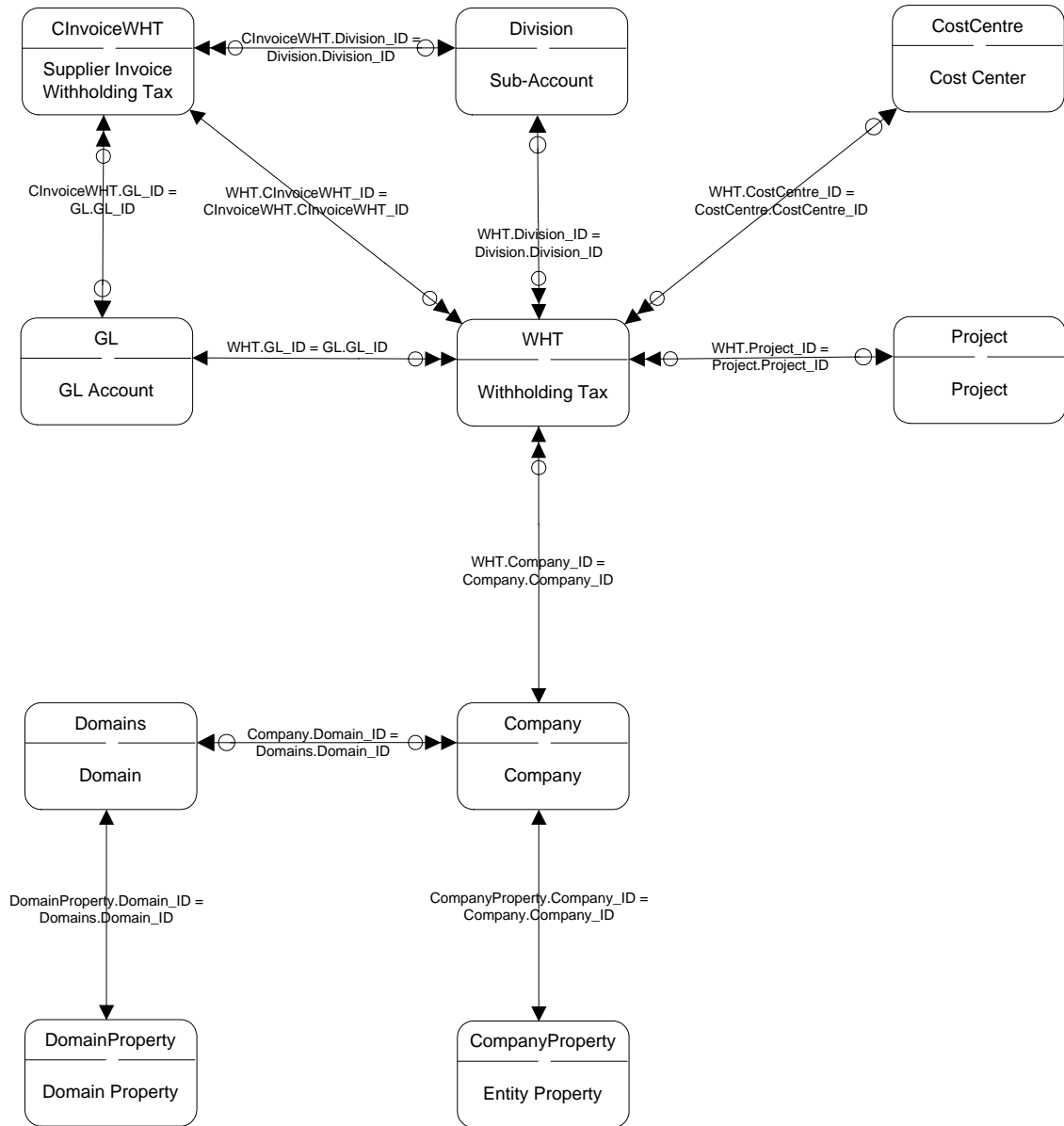
## TPM Deductions II



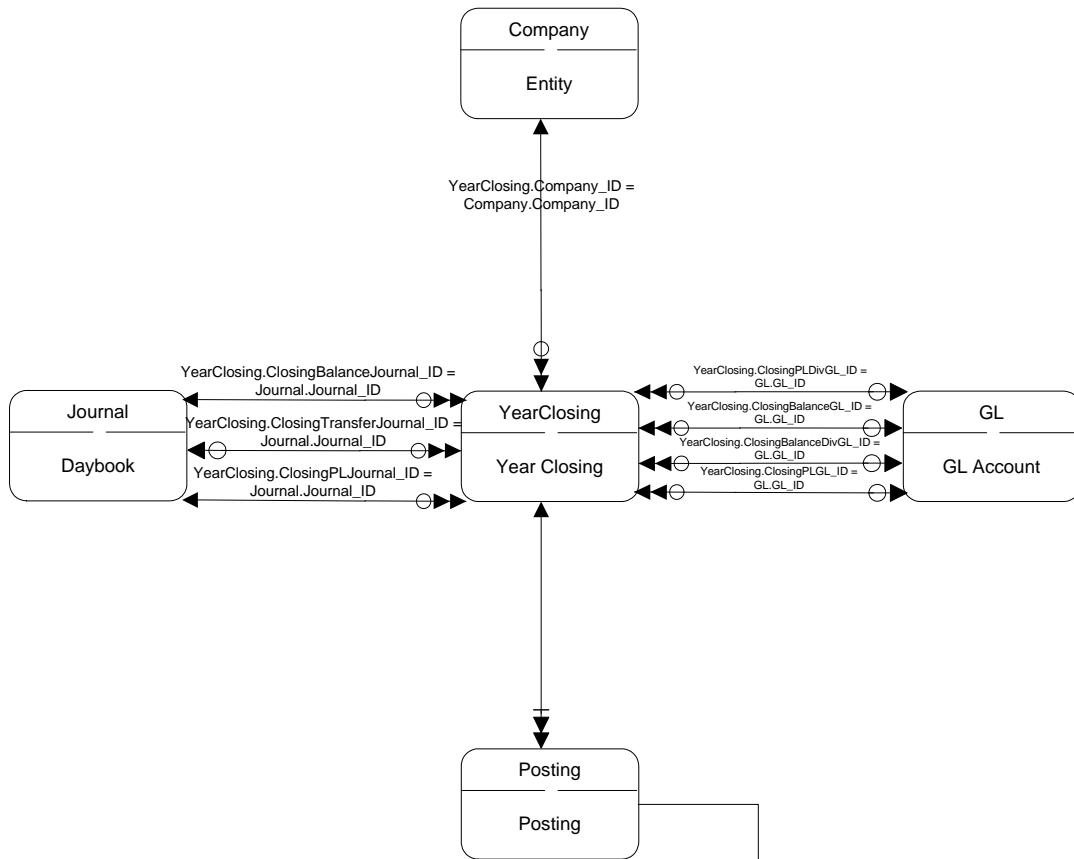
# Withholding Taxes I



# Withholding Taxes II

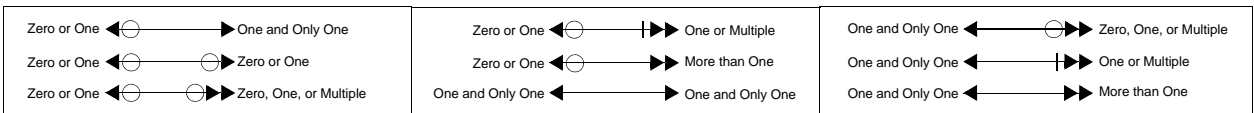


## Year End Close



**Notes:** The links between YearClosing and Posting (up to six different links) that are the result of executing the yearly closing are not stored in the database table; therefore, YearClosing has no fields named <prefix>Posting\_ID.

There is a logical relationship among these postings and the yearly closing; the postings are in the journal-type yearly closing.



# Table/Diagram Cross-Reference (Financial)

This chapter provides a cross-reference of Financial tables and the diagrams in which they appear.

*Financial Cross-Reference* 312

## Financial Cross-Reference

Table 5.1 lists each database table referenced by Financial modules in alphabetical order and indicates the diagrams where the table appears.

**Table 5.1**  
Financial Cross-Reference

| Table          | Table Description               | Diagram                                |
|----------------|---------------------------------|--|
| ac_mstr        | Account Master                  | Account Replication                    |
| ac_mstr        | Account Master                  | Financials vs Operations Replication I |
| adcf_mstr      | Account Default Master          | Entities                               |
| ad_mstr        | Address Master                  | Customer End User                      |
| ad_mstr        | Address Master                  | Customer Replication                   |
| ad_mstr        | Address Master                  | Customer Ship-To                       |
| ad_mstr        | Address Master                  | Financials vs Operations Replication I |
| ad_mstr        | Address Master                  | Supplier Replication                   |
| Address        | Address                         | Address                                |
| Address        | Address                         | Business Relations I                   |
| Address        | Address                         | Business Relations II                  |
| Address        | Address                         | Customer                               |
| Address        | Address                         | Customer Invoice I                     |
| Address        | Address                         | Customer Replication                   |
| Address        | Address                         | Customer Ship-To                       |
| Address        | Address                         | Financials vs Operations Replication I |
| Address        | Address                         | Supplier Invoice I                     |
| Address        | Address                         | Supplier Replication                   |
| AddressType    | Address Type                    | Business Relations II                  |
| AltCOGroup     | Alternate COA Group             | COA Cross-Reference                    |
| AltCOAStruct   | Alternate COA Structure         | COA Cross-Reference                    |
| AltCOStructDet | Alternate COA Structure Details | COA Cross-Reference                    |
| APMatching     | Accounts Payable Matching       | AP Matching Detail I                   |
| APMatching     | Accounts Payable Matching       | Accounts Payable Matching Global I     |
| APMatching     | Accounts Payable Matching       | Accounts Payable Matching Global II    |
| APMatching     | Accounts Payable Matching       | ERS                                    |
| APMatching     | Accounts Payable Matching       | Supplier Invoice I                     |
| APMatching     | Accounts Payable Matching       | Supplier Invoice Matching              |
| APMatchingLn   | Accounts Payable Matching Line  | AP Matching Detail I                   |
| APMatchingLn   | Accounts Payable Matching Line  | AP Matching Detail II                  |
| APMatchingLn   | Accounts Payable Matching Line  | Accounts Payable Matching Global I     |
| APMatchingLn   | Accounts Payable Matching Line  | Accounts Payable Matching Global II    |
| APMatchingLn   | Accounts Payable Matching Line  | ERS                                    |
| APMatchingLn   | Accounts Payable Matching Line  | Supplier Invoice I                     |
| APMatchingLn   | Accounts Payable Matching Line  | Supplier Invoice Matching              |

Table 5.1 — Financial Cross-Reference — (Page 1 of 25)

| Table               | Table Description                              | Diagram                             |
|---------------------|--|-------------------------------------|
| APMatchingLnRevTax  | Accounts Payable Matching Line Revenue Tax     | Accounts Payable Matching Detail I  |
| APMatchingLnRevTax  | Accounts Payable Matching Line Revenue Tax     | Accounts Payable Matching Detail II |
| APMatchingLnRevTax  | Accounts Payable Matching Line Revenue Tax     | Posting I                           |
| APMatchingLnTax     | Accounts Payable Matching Line Tax             | Accounts Payable Matching Detail I  |
| APMatchingLnTax     | Accounts Payable Matching Line Tax             | Accounts Payable Matching Global I  |
| APMatchingLnTax     | Accounts Payable Matching Line Tax             | Accounts Payable Matching Global II |
| APMatchingLnTax     | Accounts Payable Matching Line Tax             | Accounts Payable Matching Global II |
| APMatchingLnWHT     | Accounts Payable Matching Line Withholding Tax | Accounts Payable Matching Detail II |
| APMatchingRevTax    | Accounts Payable Matching Revenue Tax          | Posting I                           |
| BankAcctFormat      | Bank Account Format                            | Bank Accounts                       |
| BankAcctFormatSect  | Bank Account Format Section                    | Bank Accounts                       |
| BankBranch          | Bank Branch                                    | Bank Charges                        |
| BankCharge          | Bank Charge                                    | Bank Charges                        |
| BankChargeRate      | Bank Charge Rate                               | Bank Charges                        |
| BankNumber          | Bank Number                                    | Bank Accounts                       |
| BankNumber          | Bank Number                                    | Bank Accounts, Suppliers, Customers |
| BankNumber          | Bank Number                                    | Bank Charges                        |
| BankNumber          | Bank Number                                    | Customer Invoice II                 |
| BankNumber          | Bank Number                                    | Payment Formats                     |
| BankNumber          | Bank Number                                    | Supplier Invoice II                 |
| BankNumberPayCode   | Bank Number Payment Format Code                | Bank Accounts                       |
| BankNumberPayCode   | Bank Number Payment Format Code                | Bank Accounts, Suppliers, Customers |
| BankNumberPayCode   | Bank Number Payment Format Code                | Payment Formats                     |
| BankPayFormat       | Bank Payment Format                            | Bank Accounts                       |
| BankPayFormat       | Bank Payment Format                            | Bank Accounts, Suppliers, Customers |
| BankPayFormat       | Bank Payment Format                            | Bank Charges                        |
| BankPayFormat       | Bank Payment Format                            | Payment Formats                     |
| BankState           | Bank Statement                                 | Bank Entries                        |
| BankStateAlloc      | Bank Statement Allocation                      | Bank Entries                        |
| BankStateAlloc      | Bank Statement Allocation                      | Withholding Taxes I                 |
| BankStateAllocColl  | Bank Statement Selection Allocation            | Bank Entries                        |
| BankStateLine       | Bank Statement Line                            | Bank Entries                        |
| BankStateStageAlloc | Bank Statement Stage Allocation                | Bank Entries                        |
| Bill                | Bill   | Billing                             |
| BillSchedule        | Bill Schedule                                  | Billing                             |
| BLWIGroup           | BLWI Group                                     | Customer                            |
| BLWIGroup           | BLWI Group                                     | Supplier                            |

Table 5.1 — Financial Cross-Reference — (Page 2 of 25)

| Table              | Table Description                 | Diagram                    |
|--------------------|-----------------------------------|----------------------------|
| Box1099            | 1099 Box                          | 1099                       |
| Budget             | Budget                            | Budgets II                 |
| Budget             | Budget                            | Budget Allocations         |
| Budget             | Budget                            | Budget Commitments         |
| Budget             | Budget                            | Budget History             |
| Budget             | Budget                            | Budget History Commitment  |
| Budget             | Budget                            | Budget History Allocations |
| Budget             | Budget                            | COA Cross-Reference        |
| Budget             | Budget                            | KPI                        |
| BudgetCompany      | Budget Entity                     | Budgets II                 |
| BudgetFDS          | Budget COA                        | Budgets II                 |
| BudgetGroup        | Budget Group                      | Budgets I                  |
| BudgetGroup        | Budget Group                      | Budgets II                 |
| BudgetLink         | Budget Posting Commitment Link    | Budgets I                  |
| BudgetLink         | Budget Posting Commitment Link    | Budgets II                 |
| BudgetLink         | Budget Posting Commitment Link    | Budget Commitment          |
| BudgetLink         | Budget Posting Commitment Link    | Budget Flow                |
| BudgetLink         | Budget Posting Commitment Link    | Budget History             |
| BudgetLink         | Budget Posting Commitment Link    | Budget History Commitment  |
| BudgetLinkAcc      | Budget Accumulation by Period     | Budget Allocations         |
| BudgetLinkAcc      | Budget Accumulation by Period     | Budget Flow                |
| BudgetLinkAccDet   | Budget Accumulation by Sub-ledger | Budget Allocations         |
| BudgetLinkAccDet   | Budget Accumulation by Sub-ledger | Budget Flow                |
| BudgetLinkAccDet   | Budget Accumulation by Sub-ledger | Budget History Allocations |
| BudgetLinkActual   | Budget Posting Link               | Budget Flow                |
| BudgetLinkActual   | Budget Posting Link               | Budget History             |
| BudgetLinkAlloc    | Budget Link Allocation            | Budget History Allocations |
| BudgetLinkCommit   | Budget Posting Link Commitment    | Budget Flow                |
| BudgetLinkCommit   | Budget Posting Link Commitment    | Budget History Commitment  |
| BudgetPeriod       | Budget Period                     | Budgets II                 |
| BudgetPeriod       | Budget Period                     | Budget Commitments         |
| BudgetPeriod       | Budget Period                     | Budgets History            |
| BudgetPeriod       | Budget Period                     | Budgets History Commitment |
| BudgetVersion      | Budget Version                    | Budgets II                 |
| BudgetVersionFig   | Budget Version Figures            | Budgets II                 |
| BudgetVersionGLFig | Budget Version GL Figures         | Budgets II                 |
| BudgetWBS          | Budget Topic                      | Budgets I                  |
| BudgetWBS          | Budget Topic                      | Budgets II                 |

Table 5.1 — Financial Cross-Reference — (Page 3 of 25)

| Table                      | Table Description                   | Diagram                                |
|----------------------------|-------------------------------------|--|
| BudgetWBS                  | Budget Topic                        | Budget Allocations                     |
| BudgetWBS                  | Budget Topic                        | Budget Commitments                     |
| BudgetWBS                  | Budget Topic                        | Budget Commitments                     |
| BudgetWBS                  | Budget Topic                        | Budget History                         |
| BudgetWBS                  | Budget Topic                        | Budget History Allocations             |
| BudgetWBS                  | Budget Topic                        | Budget History Commitment              |
| BudgetWBS                  | Budget Topic                        | COA Cross-Reference                    |
| BudgetWBSBusComponent      | Budget Topic Component Link         | Budgets I                              |
| BudgetWBSItem              | Budget Topic Item                   | Budgets I                              |
| BudgetWBSRoster            | Budget Topic Forecast               | Budgets I                              |
| BudgetWBSRoster            | Budget Topic Forecast               | Budgets II                             |
| BusComponent               | Business Component                  | Budgets II                             |
| BusinessRelation           | Business Relation                   | Address                                |
| BusinessRelation           | Business Relation                   | Bank Charges                           |
| BusinessRelation           | Business Relation                   | Business Relations I                   |
| BusinessRelation           | Business Relation                   | Business Relations II                  |
| BusinessRelation           | Business Relation                   | Customer                               |
| BusinessRelation           | Business Relation                   | Customer End User                      |
| BusinessRelation           | Business Relation                   | Customer Replication                   |
| BusinessRelation           | Business Relation                   | Customer Ship-To                       |
| BusinessRelation           | Business Relation                   | Employee                               |
| BusinessRelation           | Business Relation                   | Entities                               |
| BusinessRelation           | Business Relation                   | Financial Report Writer III            |
| BusinessRelation           | Business Relation                   | SAF Defaulting                         |
| BusinessRelation           | Business Relation                   | Supplier                               |
| BusinessRelation           | Business Relation                   | Supplier Replication                   |
| BusinessRelationSafDefault | Business Relation SAF Default       | Business Relations I                   |
| BusinessRelationSafDefault | Business Relation SAF Default       | Business Relations II                  |
| BusinessRelationSafDefault | Business Relation SAF Default       | SAF Defaulting                         |
| CBalance                   | Supplier Balance                    | Supplier Balance                       |
| CCollection                | Supplier Payment Selection          | Bank Entries                           |
| CCollection                | Supplier Payment Selection          | Supplier Payments                      |
| cc_mstr                    | Cost Center Master                  | Account Replication                    |
| cc_mstr                    | Cost Center Master                  | Financials vs Operations Replication I |
| CDocInvoiceXrefStage       | Supplier Payment Invoice Xref Stage | Supplier Payments                      |
| CDocument                  | Supplier Payment                    | Bank Charges                           |
| CDocument                  | Supplier Payment                    | Bank Entries                           |
| CDocument                  | Supplier Payment                    | Supplier Payments                      |
| CDocumentInvoiceXref       | Supplier Payment Invoice Xref       | Supplier Payments                      |
| CDocumentInvoiceXref       | Supplier Payment Invoice Xref       | Withholding Taxes I                    |

Table 5.1 — Financial Cross-Reference — (Page 4 of 25)

| Table                | Table Description                  | Diagram                                |
|----------------------|------------------------------------|--|
| CDocumentPostingLine | Supplier Payment Posting Line      | Supplier Payments                      |
| CHist                | Supplier Balance History           | Supplier Balance                       |
| CInvoice             | Supplier Invoice                   | Accounts Payable Daybook Sets          |
| CInvoice             | Supplier Invoice                   | Accounts Payable Matching Detail I     |
| CInvoice             | Supplier Invoice                   | Accounts Payable Matching Global I     |
| CInvoice             | Supplier Invoice                   | Bank Accounts, Suppliers, Customers    |
| CInvoice             | Supplier Invoice                   | Bank Entries                           |
| CInvoice             | Supplier Invoice                   | Supplier Invoice II                    |
| CInvoice             | Supplier Invoice                   | Supplier Invoice Matching              |
| CInvoice             | Supplier Invoice                   | Supplier Invoice Movement              |
| CInvoice             | Supplier Invoice                   | Supplier Payments                      |
| CInvoice             | Supplier Invoice                   | Tax Transactions                       |
| CInvoice             | Supplier Invoice                   | Withholding Taxes I                    |
| CInvoiceBank         | Supplier Invoice Bank              | Accounts Payable Matching Global I     |
| CInvoiceBank         | Supplier Invoice Bank              | Bank Accounts, Suppliers, Customers    |
| CInvoiceBank         | Supplier Invoice Bank              | Supplier Invoice II                    |
| CInvoiceBankPayCode  | Supplier Invoice Bank Payment Code | Accounts Payable Matching Global I     |
| CInvoiceBankPayCode  | Supplier Invoice Bank Payment Code | Bank Accounts, Suppliers, Customers    |
| CInvoiceBankPayCode  | Supplier Invoice Bank Payment Code | Payment Formats                        |
| CInvoiceBankPayCode  | Supplier Invoice Bank Payment Code | Supplier Invoice II                    |
| CInvoiceMovement     | Supplier Invoice Movements         | Accounts Payable Matching Global I     |
| CInvoiceMovement     | Supplier Invoice Movements         | Supplier Invoice II                    |
| CInvoiceMovement     | Supplier Invoice Movements         | Supplier Invoice Movement              |
| CInvoicePO           | Supplier Invoice Purchase Order    | Accounts Payable Matching Global I     |
| CInvoicePosting      | Supplier Invoice Posting Link      | Accounts Payable Matching Global I     |
| CInvoicePosting      | Supplier Invoice Posting Link      | Supplier Invoice II                    |
| CInvoicePosting      | Supplier Invoice Posting Link      | Tax Transactions                       |
| CInvoiceStage        | Supplier Invoice Stage Payment     | Supplier Invoice II                    |
| CInvoiceVat          | Supplier Invoice Tax               | Accounts Payable Matching Global I     |
| CInvoiceVat          | Supplier Invoice Tax               | Supplier Invoice II                    |
| CInvoiceVat          | Supplier Invoice Tax               | Tax Transactions                       |
| CInvoiceVat          | Supplier Invoice Tax               | Withholding Taxes I                    |
| CInvoiceWHT          | Supplier Invoice Withholding Tax   | Withholding Taxes I                    |
| CInvoiceWHT          | Supplier Invoice Withholding Tax   | Withholding Taxes II                   |
| CMask                | Period Closing Mask                | Accounting Period                      |
| CMaskJournal         | Closing Mask Journal               | Accounting Period                      |
| CMaskJrnlGroup       | Closing Mask Journal Group         | Accounting Period                      |
| cm_mstr              | Customer Master                    | Customer Replication                   |
| cm_mstr              | Customer Master                    | Financials vs Operations Replication I |
| COACrossRef          | COA Cross-Reference                | Consolidation III                      |

Table 5.1 — Financial Cross-Reference — (Page 5 of 25)

| Table          | Table Description               | Diagram                     |
|----------------|---------------------------------|-----------------------------|
| COACrossRef    | COA Cross-Reference             | COA Cross-Reference         |
| COACrossRef    | COA Cross-Reference             | Financial Report Writer II  |
| COACrossRefDet | COA Cross-Reference Detail      | COA Cross-Reference         |
| COACrossRefDet | COA Cross-Reference Detail      | Consolidation III           |
| COAMaskCC      | COA Mask Cost Center            | COA Mask                    |
| COAMaskCC      | COA Mask Cost Center            | COA Mask Cost Center        |
| COAMaskCC      | COA Mask Cost Center            | Shared Sets Type            |
| COAMaskCCDiv   | COA Mask Cost Center Division   | COA Mask                    |
| COAMaskCCDiv   | COA Mask Cost Center Division   | COA Mask Cost Center        |
| COAMaskCCGL    | COA Mask Cost Center GL Account | COA Mask                    |
| COAMaskCCGL    | COA Mask Cost Center GL Account | COA Mask Cost Center        |
| COAMaskDiv     | COA Mask Division GL Account    | COA Mask Division           |
| COAMaskDiv     | COA Mask Division GL Account    | Shared Sets Type            |
| COAMaskDivGL   | COA Mask Division GL Account    | COA Mask                    |
| COAMaskDivGL   | COA Mask Division GL Account    | COA Mask Division           |
| COAMaskProj    | COA Mask Project                | COA Mask                    |
| COAMaskProj    | COA Mask Project                | COA Mask Division           |
| COAMaskProj    | COA Mask Project                | Shared Sets Type            |
| COAMaskProjDiv | COA Mask Project Division       | COA Mask                    |
| COAMaskProjDiv | COA Mask Project Division       | COA Mask Division           |
| COAMaskProjGL  | COA Mask Project GL Account     | COA Mask                    |
| COAMaskProjGL  | COA Mask Project GL Account     | COA Mask Division           |
| Company        | Entity                          | Accounting Period           |
| Company        | Entity                          | Bank Accounts               |
| Company        | Entity                          | Billing                     |
| Company        | Entity                          | Budgets II                  |
| Company        | Entity                          | Budget Commitments          |
| Company        | Entity                          | Budget History              |
| Company        | Entity                          | Budget History Commitment   |
| Company        | Entity                          | Business Relations II       |
| Company        | Entity                          | Consolidation I             |
| Company        | Entity                          | Consolidation II            |
| Company        | Entity                          | Consolidation III           |
| Company        | Entity                          | Customer Balance            |
| Company        | Entity                          | Customer Invoice I          |
| Company        | Entity                          | Domain Company              |
| Company        | Entity                          | Domains                     |
| Company        | Entity                          | Entities                    |
| Company        | Entity                          | Entity FDS Restrictions     |
| Company        | Entity                          | Financial Report Writer III |

Table 5.1 — Financial Cross-Reference — (Page 6 of 25)

| Table                | Table Description              | Diagram                                |
|----------------------|--------------------------------|--|
| Company              | Entity                         | Financials vs Operations Replication I |
| Company              | Entity                         | Mirror Accounting                      |
| Company              | Entity                         | Period                                 |
| Company              | Entity                         | Posting II                             |
| Company              | Entity                         | Posting III                            |
| Company              | Entity                         | Shared Sets Profiles                   |
| Company              | Entity                         | Supplier Balance                       |
| Company              | Entity                         | Supplier Invoice I                     |
| Company              | Entity                         | TPM Deductions I                       |
| Company              | Entity                         | Withholding Taxes II                   |
| Company              | Entity                         | Year End Close                         |
| CompanyProperty      | Company Property               | Business Relations I                   |
| CompanyProperty      | Company Property               | Business Relations II                  |
| CompanyProperty      | Company Property               | Domain Company                         |
| CompanyProperty      | Company Property               | Entities                               |
| CompanyProperty      | Entity Property                | Entity FDS Restrictions                |
| CompanyProperty      | Company Property               | Financials vs Operations Replication I |
| CompanyProperty      | Company Property               | Withholding Taxes II                   |
| CompanySharedSet     | Entity Shared Set              | Accounting Period                      |
| CompanySharedSet     | Entity Shared Set              | Bank Accounts                          |
| CompanySharedSet     | Entity Shared Set              | Domain Company                         |
| CompanySharedSet     | Entity Shared Set              | Entities                               |
| CompanySharedSet     | Entity Shared Set              | Entity FDS Restrictions                |
| CompanySharedSet     | Entity Shared Set              | Shared Sets Profiles                   |
| ConCheck             | Consistency Check              | Consistency Check                      |
| ConCheckLine         | Consistency Check Line         | Consistency Check                      |
| ConCheckLineDet      | Consistency Check Line Detail  | Consistency Check                      |
| Consolidation        | Consolidation                  | Consolidation I                        |
| Consolidation        | Consolidation                  | Consolidation II                       |
| Consolidation        | Consolidation                  | Consolidation III                      |
| ConsolidCycle        | Consolidation Cycle            | Consolidation II                       |
| ConsolidCycle        | Consolidation Cycle            | Consolidation III                      |
| ConsolidCycleCompany | Entity Consolidation Cycle     | COA Cross-Reference                    |
| ConsolidCycleCompany | Entity Consolidation Cycle     | Consolidation II                       |
| ConsolidCycleCompany | Entity Consolidation Cycle     | Consolidation III                      |
| ConsolidCycleSAF     | Consolidation Cycle SAF        | Consolidation II                       |
| ConsolidCycleSAF     | Consolidation Cycle SAF        | Consolidation III                      |
| ConsolidDivisionXref | Consolidation Sub-Account Xref | Consolidation I                        |
| ConsolidGLXRef       | Consolidation GL Account Xref  | Consolidation I                        |
| ConsolidLayer        | Consolidation Layer            | Consolidation I                        |

Table 5.1 — Financial Cross-Reference — (Page 7 of 25)

| Table                | Table Description          | Diagram                                |
|----------------------|----------------------------|--|
| ConsolidLayer        | Consolidation Layer        | Consolidation III                      |
| ConsolidPeriodXref   | Consolidation Period Xref  | Consolidation I                        |
| ConsolidPeriodXref   | Consolidation Period Xref  | Consolidation III                      |
| ConsolidPostingXref  | Consolidation Posting Xref | Consolidation I                        |
| ConsolidPostingXref  | Consolidation Posting Xref | Consolidation III                      |
| Contact              | Contact                    | Address                                |
| Contact              | Contact                    | Financials vs Operations Replication I |
| Contact              | Contact                    | Business Relations II                  |
| CorporateGroup       | Corporate Group            | Business Relations I                   |
| CorporateGroup       | Corporate Group            | Business Relations II                  |
| CostCentre           | Cost Center                | Account Replication                    |
| CostCentre           | Cost Center                | Budgets I                              |
| CostCentre           | Cost Center                | Budgets II                             |
| CostCentre           | Cost Center                | Budget Allocations                     |
| CostCentre           | Cost Center                | Budget History Allocations             |
| CostCentre           | Cost Center                | COA Cross-Reference                    |
| CostCentre           | Cost Center                | Consolidation II                       |
| CostCentre           | Cost Center                | Consolidation III                      |
| CostCentre           | Cost Center                | Customer Invoice I                     |
| CostCentre           | Cost Center                | Entity FDS Restrictions                |
| CostCentre           | Cost Center                | GL Setup                               |
| CostCentre           | Cost Center                | Gross Income Accounting                |
| CostCentre           | Cost Center                | Financial Report Writer IV             |
| CostCentre           | Cost Center                | Financials vs Operations Replication I |
| CostCentre           | Cost Center                | Master Account                         |
| CostCentre           | Cost Center                | Mirror Accounting                      |
| CostCentre           | Cost Center                | Posting III                            |
| CostCentre           | Cost Center                | Profiles                               |
| CostCentre           | Cost Center                | SAF                                    |
| CostCentre           | Cost Center                | SAF Defaulting                         |
| CostCentre           | Cost Center                | SAF In Posting                         |
| CostCentre           | Cost Center                | Shared Sets                            |
| CostCentre           | Cost Center                | Shared Sets Type                       |
| CostCentre           | Cost Center                | Shared Sets Type Profile I             |
| CostCentre           | Cost Center                | Shared Sets Type Profile II            |
| CostCentre           | Cost Center                | Supplier Invoice I                     |
| CostCentre           | Cost Center                | TPM Deductions I                       |
| CostCentre           | Cost Center                | Withholding Taxes II                   |
| CostCentreSafDefault | Cost Center SAF Default    | SAF Defaulting                         |
| Costing              | Costing                    | Accounts Payable Matching Global I     |

Table 5.1 — Financial Cross-Reference — (Page 8 of 25)

| <b>Table</b>       | <b>Table Description</b> | <b>Diagram</b>                         |
|--------------------|--------------------------|--|
| Country            | Country                  | Address                                |
| Country            | Country                  | Country                                |
| Country            | Country                  | Financials vs Operations Replication I |
| Country            | Country                  | Business Relations II                  |
| Country            | Country                  | Tax Master                             |
| County             | County                   | Business Relations II                  |
| CPay               | Supplier Payment         | Supplier Payments                      |
| Creditor           | Supplier                 | 1099                                   |
| Creditor           | Supplier                 | Bank Accounts, Suppliers, Customers    |
| Creditor           | Supplier                 | Bank Charges                           |
| Creditor           | Supplier                 | Billing                                |
| Creditor           | Supplier                 | Business Relations I                   |
| Creditor           | Supplier                 | Business Relations II                  |
| Creditor           | Supplier                 | Employee                               |
| Creditor           | Supplier                 | Profiles                               |
| Creditor           | Supplier                 | SAF Defaulting                         |
| Creditor           | Supplier                 | Shared Sets                            |
| Creditor           | Supplier                 | Shared Sets Type                       |
| Creditor           | Supplier                 | Supplier                               |
| Creditor           | Supplier                 | Supplier Balance                       |
| Creditor           | Supplier                 | Supplier Invoice I                     |
| Creditor           | Supplier                 | Supplier Replication                   |
| Creditor           | Supplier                 | Withholding Taxes I                    |
| CreditorSafDefault | Supplier SAF Default     | SAF Defaulting                         |
| CreditorSafDefault | Supplier SAF Default     | Supplier                               |
| CreditorType       | Supplier Type            | Supplier                               |
| CreditRating       | Credit Rating            | Customer                               |
| CreditorVat        | Supplier Tax Rate        | Supplier Invoice                       |
| CreditorVat        | Supplier Tax Rate        | Withholding Taxes I                    |
| ct_mstr            | Credit Terms Master      | Credit Terms                           |
| ctry_mstr          | County Master            | Country                                |
| cu_mstr            | Currency Master          | Exchange Rate                          |
| Currency           | Currency                 | Bank Charges                           |
| Currency           | Currency                 | Billing                                |
| Currency           | Currency                 | Budgets II                             |
| Currency           | Currency                 | Customer                               |
| Currency           | Currency                 | Customer Balance                       |
| Currency           | Currency                 | Customer Invoice I                     |
| Currency           | Currency                 | Exchange Rate                          |
| Currency           | Currency                 | Financial Report Writer III            |

Table 5.1 — Financial Cross-Reference — (Page 9 of 25)

| Table                | Table Description                        | Diagram                                |
|----------------------|--|--|
| Currency             | Currency                                 | GL Open Item                           |
| Currency             | Currency                                 | Supplier                               |
| Currency             | Currency                                 | Supplier Balance                       |
| Currency             | Currency                                 | Supplier Invoice I                     |
| Currency             | Currency                                 | Withholding Taxes I                    |
| CyExclCC             | Company-Cost Centre Restriction          | Entity FDS Restrictions                |
| CyExclGL             | Company-GL Restrictions                  | Entity FDS Restrictions                |
| CyGroup              | Company Group                            | Accounting Period                      |
| CyGroupCompany       | Company Group                            | Accounting Period                      |
| DBalance             | Customer Balance                         | Domains                                |
| DCollection          | Customer Payment Selection               | Bank Entries                           |
| DCollection          | Customer Payment Selection               | Customer Payments                      |
| DDocument            | Customer Document                        | Bank Entries                           |
| DDocInvoiceXrefStage | Customer Payment Invoice Xref Stage      | Customer Payments                      |
| DDocumentInvoiceXref | Customer Payment Invoice Cross-Reference | Customer Payments                      |
| DDocumentPostingLink | Customer Payment Posting Line Link       | Customer Payments                      |
| Debtor               | Customer                                 | Bank Accounts, Suppliers, Customers    |
| Debtor               | Customer                                 | Billing                                |
| Debtor               | Customer                                 | Business Relations I                   |
| Debtor               | Customer                                 | Business Relations II                  |
| Debtor               | Customer                                 | Customer                               |
| Debtor               | Customer                                 | Customer Balance                       |
| Debtor               | Customer                                 | Customer End User                      |
| Debtor               | Customer                                 | Customer Invoice I                     |
| Debtor               | Customer                                 | Customer Replication                   |
| Debtor               | Customer                                 | Customer Ship-To                       |
| Debtor               | Customer                                 | Financials vs Operations Replication I |
| Debtor               | Customer                                 | Profiles                               |
| Debtor               | Customer                                 | SAF Defaulting                         |
| Debtor               | Customer                                 | Shared Sets                            |
| Debtor               | Customer                                 | Shared Sets Type                       |
| Debtor               | Customer                                 | Shared Sets Type Profile I             |
| Debtor               | Customer                                 | Shared Sets Type Profile II            |
| Debtor               | Customer                                 | TPM Deductions I                       |
| DebtorEndUser        | Customer End User                        | Business Relations II                  |
| DebtorEndUser        | Customer End User                        | Customer End User                      |
| DebtorEndUser        | Customer End User                        | Customer Ship-To                       |
| DebtorEndUser        | Customer End User                        | Financials vs Operations Replication I |
| DebtorEndUser        | Customer End User                        | Master Customer Relations              |
| DebtorSAFDefault     | Customer SAF Default                     | Customer                               |

Table 5.1 — Financial Cross-Reference — (Page 10 of 25)

| Table               | Table Description                  | Diagram                             |
|---------------------|------------------------------------|-------------------------------------|
| DebtorSAFDefault    | Customer SAF Default               | SAF Defaulting                      |
| DebtorShipto        | Customer Ship-To                   | Business Relations II               |
| DebtorShipto        | Customer Ship-To                   | Customer Ship-To                    |
| DebtorType          | Customer Type                      | Customer                            |
| DeductionCat        | Deduction Category                 | TPM Deductions I                    |
| DeductionCatLine    | Deduction Category Line            | TPM Deductions I                    |
| DeductionCatLine    | Deduction Category Line            | TPM Deductions II                   |
| DeductionCatLineSaf | Deduction Category Line SAF        | TPM Deductions II                   |
| dep_mstr            | Department Master                  | Employee                            |
| DHist               | Customer Balance History           | Customer Balance                    |
| DInvoice            | Customer Invoice                   | Accounts Receivable Daybook Sets    |
| DInvoice            | Customer Invoice                   | Bank Accounts, Suppliers, Customers |
| DInvoice            | Customer Invoice                   | Bank Entries                        |
| DInvoice            | Customer Invoice                   | Billing                             |
| DInvoice            | Customer Invoice                   | Customer Invoice I                  |
| DInvoice            | Customer Invoice                   | Customer Invoice Movement           |
| DInvoice            | Customer Invoice                   | Customer Payments                   |
| DInvoice            | Customer Invoice                   | Supplier Payments                   |
| DInvoice            | Customer Invoice                   | Tax Transactions                    |
| DInvoice            | Customer Invoice                   | TPM Deductions II                   |
| DInvoiceBank        | Customer Invoice Bank              | Bank Accounts, Suppliers, Customers |
| DInvoiceBank        | Customer Invoice Bank              | Customer Invoice II                 |
| DInvoiceBankPayCode | Customer Invoice Bank Payment Code | Bank Accounts, Suppliers, Customers |
| DInvoiceBankPayCode | Customer Invoice Bank Payment Code | Customer Invoice II                 |
| DInvoiceBankPayCode | Customer Invoice Bank Payment Code | Payment Formats                     |
| DInvoiceDeduction   | Deduction of Invoice               | TPM Deductions II                   |
| DInvoiceOptInfo     | Customer Invoice Operational Info  | Customer Invoice II                 |
| DInvoiceMovement    | Customer Invoice Movement          | Billing                             |
| DInvoiceMovement    | Customer Invoice Movements         | Customer Invoice Movement           |
| DInvoicePosting     | Customer Invoice Posting Link      | Customer Invoice II                 |
| DInvoicePosting     | Customer Invoice Posting Link      | Tax Transactions                    |
| DInvoiceStage       | Customer Invoice Stage Payment     | Customer Invoice                    |
| DInvoiceVat         | Customer Invoice Tax Records       | Customer Invoice II                 |
| DInvoiceVat         | Customer Invoice Tax Records       | Tax Transactions                    |
| Division            | Sub-Account                        | Account Replication                 |
| Division            | Sub-Account                        | Accounts Payable Matching Detail II |
| Division            | Sub-Account                        | Bank Accounts, Suppliers, Customers |
| Division            | Sub-Account                        | Budgets I                           |
| Division            | Sub-Account                        | Budgets II                          |
| Division            | Sub-Account                        | Budgets Allocations                 |

Table 5.1 — Financial Cross-Reference — (Page 11 of 25)

| Table          | Table Description | Diagram                                |
|----------------|-------------------|--|
| Division       | Sub-Account       | Budgets History Allocations            |
| Division       | Sub-Account       | COA Cross-Reference                    |
| Division       | Sub-Account       | COA Mask                               |
| Division       | Sub-Account       | COA Mask Division                      |
| Division       | Sub-Account       | Consolidation I                        |
| Division       | Sub-Account       | Consolidation III                      |
| Division       | Sub-Account       | Customer Invoice I                     |
| Division       | Sub-Account       | Financials vs Operations Replication I |
| Division       | Sub-Account       | GL Setup                               |
| Division       | Sub-Account       | Gross Income Accounting                |
| Division       | Sub-Account       | Financial Report Writer IV             |
| Division       | Sub-Account       | Master Account                         |
| Division       | Sub-Account       | Mirror Accounting                      |
| Division       | Sub-Account       | Posting I                              |
| Division       | Sub-Account       | Posting III                            |
| Division       | Sub-Account       | Profiles                               |
| Division       | Sub-Account       | Shared Sets                            |
| Division       | Sub-Account       | Shared Sets Type                       |
| Division       | Sub-Account       | Shared Sets Type Profile I             |
| Division       | Sub-Account       | Supplier Invoice I                     |
| Division       | Sub-Account       | TPM Deductions I                       |
| Division       | Sub-Account       | Withholding Taxes II                   |
| DomainProperty | Domain Property   | Domain Company                         |
| DomainProperty | Domain Property   | Domains                                |
| DomainProperty | Domain Property   | TPM Deductions II                      |
| Domains        | Domains           | 1099                                   |
| Domains        | Domains           | Account Replication                    |
| Domains        | Domains           | COA Cross-Reference                    |
| Domains        | Domains           | Credit Terms                           |
| Domains        | Domains           | Customer End User                      |
| Domains        | Domains           | Customer Replication                   |
| Domains        | Domains           | Customer Ship-To                       |
| Domains        | Domains           | Domain Company                         |
| Domains        | Domains           | Domains                                |
| Domains        | Domains           | Employee                               |
| Domains        | Domains           | Entities                               |
| Domains        | Domains           | Financials vs Operations Replication I |
| Domains        | Domains           | Financial Report Writer I              |
| Domains        | Domains           | Financial Report Writer III            |
| Domains        | Domains           | Business Relations II                  |

Table 5.1 — Financial Cross-Reference — (Page 12 of 25)

| Table           | Table Description                       | Diagram                                |
|-----------------|---|--|
| Domains         | Domains                                 | Mirror Accounting                      |
| Domains         | Domains                                 | Period                                 |
| Domains         | Domains                                 | Shared Sets Profiles                   |
| Domains         | Domains                                 | Supplier Replication                   |
| Domains         | Domains                                 | TPM Deductions I                       |
| Domains         | Domains                                 | Withholding Taxes II                   |
| DomainProperty  | Domain Property                         | Withholding Taxes II                   |
| DomainProperty  | Domain Property                         | TPM Deductions                         |
| DomainSharedSet | Domain Shared Set                       | Account Replication                    |
| DomainSharedSet | Domain Shared Set                       | Business Relations II                  |
| DomainSharedSet | Domain Shared Set                       | Credit Terms                           |
| DomainSharedSet | Domain Shared Set                       | Customer End User                      |
| DomainSharedSet | Domain Shared Set                       | Customer Replication                   |
| DomainSharedSet | Domain Shared Set                       | Customer Ship-To                       |
| DomainSharedSet | Domain Shared Set                       | Daybook                                |
| DomainSharedSet | Domain Shared Set                       | Domain Company                         |
| DomainSharedSet | Domain Shared Set                       | Domains                                |
| DomainSharedSet | Domain Shared Set                       | Employee                               |
| DomainSharedSet | Domain Shared Set                       | Exchange Rate                          |
| DomainSharedSet | Domain Shared Set                       | Shared Sets Profiles                   |
| DomainSharedSet | Domain Shared Set                       | Supplier Replication                   |
| dom_mstr        | Domain Master                           | Domains                                |
| dom_mstr        | Domain Master                           | Financials vs Operations Replication I |
| DPay            | Customer Payment                        | Customer Payments                      |
| DPaySel         | Customer Payment Selection              | Customer Payments                      |
| DPaySelLine     | Customer Payment Selection Line         | Customer Payments                      |
| DPaySelPayCode  | Customer Payment Selection Payment Code | Customer Payments                      |
| DPaySelRef      | Customer Payment Selection Reference    | Customer Payments                      |
| DPaySelStg      | Customer Payment Selection Stg          | Customer Payments                      |
| dy_mster        | General Ledger Daybook Master           | Accounts Payable Daybook Sets          |
| dy_mster        | General Ledger Daybook Master           | Accounts Receivable Daybook Sets       |
| dy_mster        | General Ledger Daybook Master           | Daybook                                |
| dybs_mster      | General Ledger Daybook Sets Master      | Accounts Payable Daybook Sets          |
| dybs_mster      | General Ledger Daybook Sets Master      | Accounts Receivable Daybook Sets       |
| Employee        | Employee                                | Billing                                |
| Employee        | Employee                                | Daybook                                |
| Employee        | Employee                                | Financials vs Operations Replication I |
| Employee        | Employee                                | Profiles                               |
| Employee        | Employee                                | Shared Sets                            |
| Employee        | Employee                                | Shared Sets Type Profile II            |

Table 5.1 — Financial Cross-Reference — (Page 13 of 25)

| Table             | Table Description                           | Diagram                                |
|-------------------|---|--|
| emp_mster         | Employee Master                             | Daybook                                |
| en_mstr           | Entity Master                               | Entities                               |
| en_mstr           | Entity Master                               | Financials vs Operations Replication I |
| ERS               | Evaluated Receipt Settlement History        | ERS                                    |
| ERSLine           | Evaluated Receipt Settlement History Detail | ERS                                    |
| ExchangeRate      | Exchange Rate                               | Exchange Rate                          |
| ExchangeRate      | Exchange Rate                               | Financials vs Operations Replication I |
| ExchangeRate      | Exchange Rate                               | Profiles                               |
| ExchangeRate      | Exchange Rate                               | Shared Sets                            |
| ExchangeRate      | Exchange Rate                               | Shared Sets Type                       |
| ExchangeRate      | Exchange Rate                               | Shared Sets Type Profile I             |
| ExchangeRate      | Exchange Rate                               | Shared Sets Type Profile II            |
| ExchangeRateType  | Exchange Rate Type                          | Exchange Rate                          |
| exr_rate          | Exchange Rate Master                        | Financials vs Operations Replication I |
| FRWAnCode         | Financial Report Writer Analysis Code       | Financial Report Writer I              |
| FRWAnCode         | Financial Report Writer Analysis Code       | KPI                                    |
| FRWAnCodeElem     | Financial Report Writer An Code Element     | Financial Report Writer I              |
| FRWAnCodeElemeDet | Financial RW An Code Element Detail         | Financial Report Writer I              |
| FRWBuildLog       | Financial Report Writer Cube Build Log      | Financial Report Writer III            |
| FRWChart          | Financial Report Writer Chart               | Budgets II                             |
| FRWChart          | Financial Report Writer Chart               | Financial Report Writer I              |
| FRWChart          | Financial Report Writer Chart               | Financial Report Writer II             |
| FRWColDet         | Financial RW Column Group Detail            | Financial Report Writer I              |
| FRWColDet         | Financial RW Column Group Detail            | KPI                                    |
| FRWCompany        | Financial Report Writer Company             | Financial Report Writer II             |
| FRWCrossRef       | Financial Report Writer Cross-References    | Financial Report Writer II             |
| FRWCube           | Financial Report Writer Cube                | Financial Report Writer III            |
| FRWCube           | Financial Report Writer Cube                | KPI                                    |
| FRWCubeCy         | Financial Report Writer Cube Cycle          | Financial Report Writer III            |
| FRWCubeDim        | Financial Report Writer Cube Dimension      | Financial Report Writer III            |
| FRWCubeDim        | Financial Report Writer Cube Dimension      | Financial Report Writer IV             |
| FRWCubeGLPd       | Financial Report Writer Cube GL Period      | Financial Report Writer III            |
| FRWCubeHistLink   | Financial RW Cube History Link              | Financial Report Writer III            |
| FRWCubeLayer      | Financial Report Writer Cube Layer          | Financial Report Writer III            |
| FRWCubeLayer      | Financial Report Writer Cube Layer          | Financial Report Writer IV             |
| FRWCubeMeas       | Financial Report Writer Cube Measure        | Financial Report Writer III            |
| FRWCubePeriod     | Financial Report Writer Cube Period         | Financial Report Writer III            |
| FRWRepMstr        | Financial Report Writer Rep Master          | Financial Report Writer I              |
| FRWRepMstr        | Financial Report Writer Column Group        | KPI                                    |
| FRWShSetComb      | Financial Report Writer Shared Set Comb     | Financial Report Writer II             |

Table 5.1 — Financial Cross-Reference — (Page 14 of 25)

| Table         | Table Description                       | Diagram                                |
|---------------|---|--|
| FRWShSetComb  | Financial Report Writer Shared Set Comb | Financial Report Writer III            |
| FRWTreeNode   | Financial Report Writer Tree Node       | Financial Report Writer I              |
| FRWTreeNode   | Financial Report Writer Tree Node       | Financial Report Writer II             |
| FRWTreeNode   | Financial Report Writer Tree Node       | KPI                                    |
| FRWTreeView   | Financial Report Writer Tree View       | Group Reporting II                     |
| FRWUsrDefault | Financial Report Writer User Default    | Financial Report Writer II             |
| GL            | GL Account                              | Accounts Payable Matching Detail II    |
| GL            | GL Account                              | Account Replication                    |
| GL            | GL Account                              | Bank Accounts                          |
| GL            | GL Account                              | Bank Charges                           |
| GL            | GL Account                              | Budgets I                              |
| GL            | GL Account                              | Budgets II                             |
| GL            | GL Account                              | Business Relations I                   |
| GL            | GL Account                              | Business Relations II                  |
| GL            | GL Account                              | COA Cross-Reference                    |
| GL            | GL Account                              | Consolidation I                        |
| GL            | GL Account                              | Consolidation II                       |
| GL            | GL Account                              | Consolidation III                      |
| GL            | GL Account                              | Customer Invoice II                    |
| GL            | GL Account                              | Customer Invoice Movement              |
| GL            | GL Account                              | Domains                                |
| GL            | GL Account                              | Entities                               |
| GL            | GL Account                              | Entity FDS Restrictions                |
| GL            | GL Account                              | Financials vs Operations Replication I |
| GL            | GL Account                              | GL Open Item                           |
| GL            | GL Account                              | GL Setup                               |
| GL            | GL Account                              | Gross Income Accounting                |
| GL            | GL Account                              | Financial Report Writer IV             |
| GL            | GL Account                              | Master Account                         |
| GL            | GL Account                              | Mirror Accounting                      |
| GL            | GL Account                              | Posting I                              |
| GL            | GL Account                              | Posting III                            |
| GL            | GL Account                              | Profiles                               |
| GL            | GL Account                              | SAF                                    |
| GL            | GL Account                              | SAF Defaulting                         |
| GL            | GL Account                              | SAF In Posting                         |
| GL            | GL Account                              | Shared Sets Type                       |
| GL            | GL Account                              | Supplier Invoice II                    |
| GL            | GL Account                              | Supplier Invoice Movement              |
| GL            | GL Account                              | TPM Deductions I                       |

Table 5.1 — Financial Cross-Reference — (Page 15 of 25)

| Table                 | Table Description              | Diagram                                 |
|-----------------------|--------------------------------|---|
| GL                    | GL Account                     | Withholding Taxes II                    |
| GL                    | GL Account                     | Year End Close                          |
| GLCalendar            | GL Calendar                    | Domain Company                          |
| GLCalendar            | GL Calendar                    | Domains                                 |
| GLCalendar            | GL Calendar                    | Financials vs Operations Replication I  |
| gl_cntr               | System/Account Control         | Financials vs Operations Replication I  |
| glc_cal               | General Ledger Calendar        | Financials vs Operations Replication I  |
| glcd_det              | General Ledger Calendar Detail | Period                                  |
| GLMirror              | GL Mirror                      | Posting I                               |
| GLOpenItem            | GL Open Item                   | GL Open Item                            |
| GLOpenItemMovement    | GL Open Item Movement          | GL Open Item                            |
| GLReportLink          | GL Report Link                 | GL Setup                                |
| GLReportLink          | GL Report Link                 | Master Account                          |
| GLSafDefault          | GL Account SAF Default         | GL Setup                                |
| GLSafDefault          | GL Account SAF Default         | Master Account                          |
| GLSafDefault          | GL Account SAF Default         | SAF Defaulting                          |
| GLSystemType          | GL System Type                 | GL Setup                                |
| GLSystemType          | GL System Type                 | Master Account                          |
| GLType                | GL Type                        | GL Setup                                |
| GLType                | GL Type                        | Master Account                          |
| GLType                | GL Type                        | Posting I                               |
| GrossIncAcc           | Gross Income Accounting        | Gross Income Accounting                 |
| Holiday               | Holiday                        | Billing                                 |
| Inventory             | Inventory                      | Accounts Payable Matching Global I      |
| InventoryTransactions | Inventory Transactions         | Accounts Payable Matching Global I      |
| InvoiceIntrastat      | Invoice Intrastat              | Accounts Payable Matching Global II     |
| Journal               | Daybook                        | Accounting Period                       |
| Journal               | Daybook                        | Accounts Payable Daybook Sets           |
| Journal               | Daybook                        | Accounts Receivable Daybook Sets        |
| Journal               | Daybook                        | Budget History                          |
| Journal               | Daybook                        | Consolidation II                        |
| Journal               | Daybook                        | Customer Invoice I                      |
| Journal               | Daybook                        | Daybook                                 |
| Journal               | Daybook                        | Financial Report Writer IV              |
| Journal               | Daybook                        | Financials vs Operations Replication II |
| Journal               | Daybook                        | Gross Income Accounting                 |
| Journal               | Daybook                        | Layer Transfer                          |
| Journal               | Daybook                        | Mirror Accounting                       |
| Journal               | Daybook                        | Posting II                              |
| Journal               | Daybook                        | Posting III                             |

Table 5.1 — Financial Cross-Reference — (Page 16 of 25)

| Table         | Table Description          | Diagram                     |
|---------------|----------------------------|-----------------------------|
| Journal       | Daybook                    | Profiles                    |
| Journal       | Daybook                    | Shared Sets                 |
| Journal       | Daybook                    | Shared Sets Type            |
| Journal       | Daybook                    | Shared Sets Type Profile I  |
| Journal       | Daybook                    | Shared Sets Type Profile II |
| Journal       | Daybook                    | Supplier Invoice I          |
| Journal       | Daybook                    | TPM Deductions II           |
| Journal       | Daybook                    | Year End Close              |
| JournalGroup  | Daybook Group              | Accounting Period           |
| JournalGroup  | Daybook Group              | Layer Transfer              |
| JournalGroup  | Journal Group              | Shared Sets Type            |
| JournalLay    | Journal Layer              | Layer Transfer              |
| JournalLayJml | Journal Layer              | Layer Transfer              |
| JournalType   | Daybook Type               | Daybook                     |
| JournalType   | Daybook Type               | Layer Transfer              |
| JournalType   | Daybook Type               | Posting II                  |
| KPI           | KPI                        | KPI                         |
| KPIElement    | KPI Element                | KPI                         |
| KPIFormulaDet | KPI Formula Details        | KPI                         |
| KPISet        | KPI Set                    | KPI                         |
| KPISetDet     | KPI Set Details            | KPI                         |
| Layer         | Layer                      | Budget                      |
| Layer         | Layer                      | Budget History Allocations  |
| Layer         | Layer                      | Daybook                     |
| Layer         | Layer                      | Financial Report Writer IV  |
| Layer         | Layer                      | Layer Transfer              |
| Layer         | Layer                      | Revaluations                |
| Lng           | Language                   | Address                     |
| Lng           | Language                   | Language                    |
| Lng           | Language                   | Business Relations I        |
| Lng           | Language                   | Business Relations II       |
| lng_mster     | Language Master            | Language                    |
| ls_mstr       | Address Detail Master      | Customer Ship-To            |
| ls_mstr       | Address Detail Master      | Supplier Replication        |
| MirroringGL   | Mirroring GL Account       | Mirror Accounting           |
| OlAdjust      | Open Item Adjustment       | Open Item Adjustment        |
| OlAdjust      | Open Item Adjustment       | Posting II                  |
| OlAdjustLn    | Open Item Adjustment Lines | Open Item Adjustment        |
| OlAdjustLn    | Open Item Adjustment Lines | Posting II                  |
| OlAdjustLn    | Open Item Adjustment Lines | Withholding Tax I           |

Table 5.1 — Financial Cross-Reference — (Page 17 of 25)

| Table                 | Table Description                       | Diagram                             |
|-----------------------|---|-------------------------------------|
| PayFormatCode         | Payment Format Code                     | Bank Account, Suppliers, Customers  |
| PayFormatCode         | Payment Format Code                     | Customer Invoice II                 |
| PayFormatCode         | Payment Format Code                     | Payment Formats                     |
| PayFormatCode         | Payment Format Code                     | Supplier Invoice II                 |
| PayFormatGroup        | Payment Format Group                    | Bank Account, Suppliers, Customers  |
| PayFormatGroup        | Payment Format Group                    | Customer Invoice II                 |
| PayFormatGroup        | Payment Format Group                    | Payment Formats                     |
| PayFormatGroup        | Payment Format Group                    | Supplier Invoice II                 |
| PayFormatType         | Payment Format Type                     | Bank Account, Suppliers, Customers  |
| PayFormatType         | Payment Format Type                     | Payment Formats                     |
| PaymentCondition      | Credit Terms                            | Credit Terms                        |
| PaymentCondition      | Credit Terms                            | Customer Invoice I                  |
| PaymentCondition      | Credit Terms                            | Supplier Invoice I                  |
| PaymentCondition      | Credit Terms                            | TPM Deductions II                   |
| PaymentConditionStage | Staged Payment                          | Credit Terms                        |
| PaymentGroup          | Payment Group                           | Customer                            |
| PaymentGroup          | Payment Group                           | Supplier                            |
| PaySel                | Supplier Payment Selection              | Supplier Payments                   |
| PaySelHistory         | Payment Selection History               | Supplier Payments                   |
| PaySelLine            | Payment Selection Line                  | Supplier Payments                   |
| PaySelLineStage       | Payment Selection Line Stage            | Supplier Payments                   |
| PaySelPayCode         | Supplier Payment Selection Payment Code | Supplier Payments                   |
| Period                | GL Period                               | Accounting Period                   |
| Period                | GL Period                               | Budget Allocations                  |
| Period                | GL Period                               | Budget History Allocations          |
| Period                | GL Period                               | Consistency Check                   |
| Period                | GL Period                               | Consolidation I                     |
| Period                | GL Period                               | Domain Company                      |
| Period                | GL Period                               | Entities                            |
| Period                | GL Period                               | Financial Report Writer IV          |
| Period                | GL Period                               | Posting II                          |
| Period                | GL Period                               | Posting III                         |
| Period                | GL Period                               | Supplier Invoice I                  |
| Period                | GL Period                               | Supplier Invoice Movement           |
| PeriodMark            | Period Mark                             | Accounting Period                   |
| PeriodMark            | Period Mark                             | Domain Company                      |
| PeriodMark            | Period Mark                             | Entities                            |
| PeriodMark            | Period Mark                             | Period                              |
| PO                    | Purchase Order                          | Accounts Payable Matching Global II |
| POLine                | Purchase Order Line                     | Accounts Payable Matching Global II |

Table 5.1 — Financial Cross-Reference — (Page 18 of 25)

| <b>Table</b>  | <b>Table Description</b>    | <b>Diagram</b>                      |
|---------------|-----------------------------|-------------------------------------|
| POReceipt     | Purchase Order Receipt      | Accounts Payable Matching Global II |
| POReceiptLine | Purchase Order Receipt Line | Accounts Payable Matching Global II |
| Posting       | Posting                     | Accounts Payable Matching Detail I  |
| Posting       | Posting                     | Accounts Payable Matching Global I  |
| Posting       | Posting                     | Bank Entries                        |
| Posting       | Posting                     | Budget Flow                         |
| Posting       | Posting                     | Consolidation III                   |
| Posting       | Posting                     | Customer Invoice II                 |
| Posting       | Posting                     | Customer Invoice Movement           |
| Posting       | Posting                     | Layer Transfer                      |
| Posting       | Posting                     | Posting II                          |
| Posting       | Posting                     | Posting III                         |
| Posting       | Posting                     | Posting History                     |
| Posting       | Posting                     | SAF In Posting                      |
| Posting       | Posting                     | Supplier Invoice II                 |
| Posting       | Posting                     | Supplier Invoice Movement           |
| Posting       | Posting                     | Tax Transactions                    |
| Posting       | Posting                     | TPM Deductions II                   |
| Posting       | Posting                     | Year End Close                      |
| PostingHist   | Posting History             | Posting History                     |
| PostingHist   | Posting History             | Financial Report Writer III         |
| PostingLine   | Posting Line                | Accounts Payable Matching Detail I  |
| PostingLine   | Posting Line                | Accounts Payable Matching Global I  |
| PostingLine   | Posting Line                | Budget Flow                         |
| PostingLine   | Posting Line                | Consolidation I                     |
| PostingLine   | Posting Line                | Consolidation III                   |
| PostingLine   | Posting Line                | Customer Invoice Movement           |
| PostingLine   | Posting Line                | Customer Payments                   |
| PostingLine   | Posting Line                | GL Open Item                        |
| PostingLine   | Posting Line                | Layer Transfer                      |
| PostingLine   | Posting Line                | Open Item Adjustment                |
| PostingLine   | Posting Line                | Posting II                          |
| PostingLine   | Posting Line                | Posting III                         |
| PostingLine   | Posting Line                | Posting History                     |
| PostingLine   | Posting Line                | SAF In Posting                      |
| PostingLine   | Posting Line                | Supplier Invoice II                 |
| PostingLine   | Posting Line                | Supplier Invoice Movement           |
| PostingLine   | Posting Line                | Supplier Payments                   |
| PostingLine   | Posting Line                | Tax Master                          |
| PostingLine   | Posting Line                | Tax Transactions                    |

Table 5.1 — Financial Cross-Reference — (Page 19 of 25)

| Table              | Table Description    | Diagram                   |
|--------------------|----------------------|---------------------------|
| PostingHist        | Posting History      | Budget Flow               |
| PostingHist        | Posting History      | Consolidation III         |
| PostingHist        | Posting History      | GL Posting History        |
| PostingSaf         | Posting SAF          | Customer Invoice Movement |
| PostingSaf         | Posting SAF          | Posting I                 |
| PostingSaf         | Posting SAF          | Posting III               |
| PostingSaf         | Posting SAF          | Posting History           |
| PostingSaf         | Posting SAF          | SAF In Posting            |
| PostingSaf         | Posting SAF          | Supplier Invoice II       |
| PostingSaf         | Posting SAF          | Supplier Invoice Movement |
| PostingSafCombined | Posting SAF Combined | Budget Flow               |
| PostingSafCombined | Posting SAF Combined | GL Posting History        |
| PostingSafCombined | Posting SAF Combined | Posting History           |
| PostingsSafHist    | Posting History SAF  | Budget Flow               |
| PostingsSafHist    | Posting History SAF  | GL Posting History        |
| PostingsSafHist    | Posting History SAF  | Posting History           |
| PostingTemplate    | Posting Template     | Posting II                |
| PostingTemplate    | Posting Template     | Posting III               |
| PostingVat         | Posting Tax          | Consolidation I           |
| PostingVat         | Posting Tax          | Posting I                 |
| PostingVat         | Posting Tax          | Posting III               |
| PostingVat         | Posting Tax          | Posting History           |
| PostingVat         | Posting Tax          | SAF In Posting            |
| PostingVat         | Posting Tax          | Supplier Invoice Movement |
| PostingVat         | Posting Tax          | Tax Master                |
| PostingVat         | Posting Tax          | Tax Transactions          |
| PostingVatDelay    | Posting Tax Delay    | Customer Invoice Movement |
| PostingVatDelay    | Posting Tax Delay    | Posting I                 |
| PostingVatDelay    | Posting Tax Delay    | Posting History           |
| PostingVatDelay    | Posting Tax Delay    | Supplier Invoice Movement |
| PostingVatDelay    | Posting Tax Delay    | Tax Transactions          |
| Profile            | Profile              | COA Mask Cost Center      |
| Profile            | Profile              | COA Mask Division         |
| Profile            | Profile              | COA Mask Project          |
| Profile            | Profile              | Customer                  |
| Profile            | Profile              | GL Setup                  |
| Profile            | Profile              | Master Account            |
| Profile            | Profile              | Profiles                  |
| Profile            | Profile              | Shared Sets Profiles      |
| Profile            | Profile              | Supplier                  |

Table 5.1 — Financial Cross-Reference — (Page 20 of 25)

| Table       | Table Description | Diagram                      |
|-------------|-------------------|------------------------------|
| Profile     | Profile           | TPM Deductions I             |
| ProfileLink | Profile Link      | COA Mask Cost Center         |
| ProfileLink | Profile Link      | COA Mask Division            |
| ProfileLink | Profile Link      | COA Mask Project             |
| ProfileLink | Profile Link      | GL Setup                     |
| ProfileLink | Profile Link      | Master Account               |
| ProfileLink | Profile Link      | Profiles                     |
| ProfileLink | Profile Link      | Shared Sets Profiles         |
| ProfileLink | Profile Link      | Shared Sets Type Profile I   |
| ProfileLink | Profile Link      | Shared Sets Type Profile II  |
| ProfileType | Profile Type      | GL Setup                     |
| ProfileType | Profile Type      | Master Account               |
| ProfileType | Profile Type      | Shared Sets Profiles         |
| ProfileType | Profile Type      | Shared Sets Type Profiles II |
| ProfileType | Profile Type      | Profiles                     |
| Project     | Project           | Budgets I                    |
| Project     | Project           | Budgets II                   |
| Project     | Project           | Budget Allocations           |
| Project     | Project           | COA Cross-Reference          |
| Project     | Project           | COA Mask                     |
| Project     | Project           | COA Mask Project             |
| Project     | Project           | Consolidation II             |
| Project     | Project           | Consolidation III            |
| Project     | Project           | Customer Invoice I           |
| Project     | Project           | Employee                     |
| Project     | Project           | GL Setup                     |
| Project     | Project           | Gross Income Accounting      |
| Project     | Project           | Financial Report Writer IV   |
| Project     | Project           | Master Account               |
| Project     | Project           | Mirror Accounting            |
| Project     | Project           | Posting I                    |
| Project     | Project           | Posting III                  |
| Project     | Project           | SAF                          |
| Project     | Project           | SAF Defaulting               |
| Project     | Project           | SAF In Posting               |
| Project     | Project           | Shared Sets                  |
| Project     | Project           | Shared Sets Type             |
| Project     | Project           | Shared Sets Type Profile I   |
| Project     | Project           | Supplier Invoice             |
| Project     | Project           | Withholding Taxes II         |

Table 5.1 — Financial Cross-Reference — (Page 21 of 25)

| Table                 | Table Description                           | Diagram                             |
|-----------------------|---|-------------------------------------|
| ProjectSafDefault     | Project SAF Default                         | SAF Defaulting                      |
| PurchaseType          | Purchase Typ                                | 1099                                |
| pvod_det              | Pending Invoice Detail                      | Accounts Payable Matching Global II |
| pvod_det              | Pending Invoice Detail                      | Supplier Invoice Matching           |
| pvo_mstr              | Pending Invoice Master                      | Accounts Payable Matching Global II |
| pvo_mstr              | Pending Invoice Master                      | Supplier Invoice Matching           |
| PurchaseLedgerInvoice | Purchase Ledger Invoice                     | Accounts Payable Matching Global I  |
| PurchaseTypeLink      | Purchase Type Link                          | 1099                                |
| PurchaseVoucherHist   | Purchase Voucher History                    | Accounts Payable Matching Global I  |
| QBudgetLinkActual     | Queue for Budget Posting Link               | Budget Flow                         |
| QBudgetLinkActual     | Queue for Budget Posting Link               | Budget History                      |
| QBudgetLinkCommit     | Queue for Budget Posting Link Commitment    | Budget Flow                         |
| QFRWCube              | Queue for Financial Report Writer Cube      | Financial Report Writer III         |
| QFRWCube              | Queue for Financial Report Writer Cube      | Financial Report Writer IV          |
| QFRWCubeSaf           | Queue for Financial Report Writer Cube SAF  | Financial Report Writer IV          |
| QFRWCubeSkip          | Queue for Financial Report Writer Cube Skip | Financial Report Writer III         |
| QFRWCubeSkip          | Queue for Financial Report Writer Cube Skip | Financial Report Writer IV          |
| QPostingLine          | Queue for Posting Line                      | Budget Flow                         |
| QPostingLine          | Queue for Posting Line                      | Posting History                     |
| QPostingSaf           | Queue for Posting SAF                       | Posting History                     |
| Reason                | Invoice Status Code                         | Customer                            |
| Reason                | Invoice Status Code                         | Customer Invoice I                  |
| Reason                | Invoice Status Code                         | Supplier                            |
| Reason                | Invoice Status Code                         | Supplier Invoice                    |
| Reason                | Invoice Status Code                         | Supplier Invoice Matching           |
| Reason                | Invoice Status Code                         | TPM Deductions I                    |
| ReceiptIntrastat      | Receipt Intrastat                           | Accounts Payable Matching Global II |
| ReportPeriod          | Report Period                               | Budgets II                          |
| ReportPeriod          | Report Period                               | Budgets History                     |
| RevalHeader           | Revaluation Header                          | Revaluations                        |
| Role                  | Role  | Financial Report Writer I           |
| Role                  | Role  | TPM Deductions I                    |
| RoundingMethod        | Rounding Method                             | Exchange Rate                       |
| rnd_mstr              | Rounding Method Master                      | Exchange Rate                       |
| SAF                   | Supplementary Analysis Field                | Budgets I                           |
| SAF                   | Supplementary Analysis Field                | Budgets II                          |
| SAF                   | Supplementary Analysis Field                | Budget Allocations                  |

Table 5.1 — Financial Cross-Reference — (Page 22 of 25)

| Table            | Table Description            | Diagram                                |
|------------------|------------------------------|--|
| SAF              | Supplementary Analysis Field | Budget History Allocations             |
| SAF              | Supplementary Analysis Field | Business Relations I                   |
| SAF              | Supplementary Analysis Field | Business Relations II                  |
| SAF              | Supplementary Analysis Field | Consolidation III                      |
| SAF              | Supplementary Analysis Field | Financial Report Writer IV             |
| SAF              | Supplementary Analysis Field | Master Account                         |
| SAF              | Supplementary Analysis Field | Posting I                              |
| SAF              | Supplementary Analysis Field | Posting III                            |
| SAF              | Supplementary Analysis Field | SAF                                    |
| SAF              | Supplementary Analysis Field | SAF Defaulting                         |
| SAF              | Supplementary Analysis Field | SAF In Posting                         |
| SAF              | Supplementary Analysis Field | TPM Deductions II                      |
| SAFConcept       | SAF Concept                  | Budgets II                             |
| SAFConcept       | SAF Concept                  | Budget Allocations                     |
| SAFConcept       | SAF Concept                  | Budget History Allocations             |
| SAFConcept       | SAF Concept                  | Business Relations I                   |
| SAFConcept       | SAF Concept                  | Business Relations II                  |
| SAFConcept       | SAF Concept                  | Consolidation II                       |
| SAFConcept       | SAF Concept                  | Master Account                         |
| SAFConcept       | SAF Concept                  | Posting I                              |
| SAFConcept       | SAF Concept                  | SAF                                    |
| SAFConcept       | SAF Concept                  | SAF Defaulting                         |
| SAFConcept       | SAF Concept                  | SAF In Posting                         |
| SAFStructure     | SAF Structure                | Budgets I                              |
| SAFStructure     | SAF Structure                | Budgets II                             |
| SAFStructure     | SAF Structure                | Consolidation II                       |
| SAFStructure     | SAF Structure                | Consolidation III                      |
| SAFStructure     | SAF Structure                | Financial Report Writer IV             |
| SAFStructure     | SAF Structure                | Posting I                              |
| SAFStructure     | SAF Structure                | SAF                                    |
| SAFStructure     | SAF Structure                | SAF In Posting                         |
| SAFStructure     | SAF Structure                | TPM Deductions II                      |
| SAFStructureLine | SAF Structure Line           | Posting I                              |
| SAFStructureLine | SAF Structure Line           | SAF                                    |
| SAFStructureLink | SAF Structure Link           | SAF In Posting                         |
| SAFStructureLink | SAF Structure Link           | Posting I                              |
| sb_mstr          | Sub-Account Master           | Account Replication                    |
| sb_mstr          | Sub-Account Master           | Financials vs Operations Replication I |
| SharedSet        | Shared Set                   | Account Replication                    |
| SharedSet        | Shared Set                   | Accounting Period                      |

Table 5.1 — Financial Cross-Reference — (Page 23 of 25)

| Table         | Table Description      | Diagram                     |
|---------------|------------------------|-----------------------------|
| SharedSet     | Shared Set             | Budgets II                  |
| SharedSet     | Shared Set             | COA Mask                    |
| SharedSet     | Shared Set             | COA Mask Cost Center        |
| SharedSet     | Shared Set             | COA Mask Division           |
| SharedSet     | Shared Set             | COA Mask Project            |
| SharedSet     | Shared Set             | Credit Terms                |
| SharedSet     | Shared Set             | Customer                    |
| SharedSet     | Shared Set             | Customer End User           |
| SharedSet     | Shared Set             | Customer Replication        |
| SharedSet     | Shared Set             | Customer Ship-To            |
| SharedSet     | Shared Set             | Daybook                     |
| SharedSet     | Shared Set             | Employee                    |
| SharedSet     | Shared Set             | Entity FDS Restrictions     |
| SharedSet     | Shared Set             | Exchange Rate               |
| SharedSet     | Shared Set             | GL Setup                    |
| SharedSet     | Shared Set             | Financial Report Writer II  |
| SharedSet     | Shared Set             | Financial Report Writer III |
| SharedSet     | Shared Set             | Master Account              |
| SharedSet     | Shared Set             | Shared Sets                 |
| SharedSet     | Shared Set             | Shared Sets Profiles        |
| SharedSet     | Shared Set             | Shared Sets Type Profile I  |
| SharedSet     | Shared Set             | Shared Sets Type Profile II |
| SharedSet     | Shared Set             | Shared Sets Type            |
| SharedSet     | Shared Set             | Supplier                    |
| SharedSet     | Shared Set             | Supplier Replication        |
| SharedSetType | Shared Set Type        | Profiles                    |
| SharedSetType | Shared Set Type        | Shared Sets                 |
| State         | State                  | Address                     |
| State         | State                  | Business Relations II       |
| SysProperty   | System Property        | Domain Company              |
| SysProperty   | System Property        | Domains                     |
| Syst          | System                 | Domain Company              |
| Syst          | System                 | Domains                     |
| TaxReg        | Tax Register           | Tax Register                |
| TaxRegCompany | Tax Register Company   | Tax Register                |
| TaxRegJournal | Tax Register Journal   | Tax Register                |
| txcl_mstr     | Tax Class Master       | Address                     |
| txcl_mstr     | Tax Class Master       | Customer                    |
| txcl_mstr     | Tax Class Master       | Supplier                    |
| txenv_mstr    | Tax Environment Master | Tax Master                  |

Table 5.1 — Financial Cross-Reference — (Page 24 of 25)

| Table           | Table Description           | Diagram                             |
|-----------------|-----------------------------|-------------------------------------|
| txty_mstr       | Tax Type Master             | Tax Master                          |
| txu_mstr        | Tax Usage Master            | Address                             |
| txu_mstr        | Tax Usage Master            | Customer                            |
| txu_mstr        | Tax Usage Master            | Supplier                            |
| txu_mstr        | Tax Usage Master            | Tax Master                          |
| txz_mstr        | Tax Zone Master             | Address                             |
| txz_mstr        | Tax Zone Master             | Customer                            |
| txz_mstr        | Tax Zone Master             | Supplier                            |
| txz_mstr        | Tax Zone Master             | Tax Master                          |
| Unit            | Unit                        | Budgets I                           |
| Unit            | Unit                        | Budgets II                          |
| User            | User                        | Employee                            |
| User            | User                        | Financial Report Writer II          |
| Vat             | Tax Rate                    | Supplier Invoice                    |
| Vat             | Tax Rate                    | Withholding Taxes I                 |
| VAT             | Tax Rate                    | Tax Master                          |
| VAT             | Tax Rate                    | Accounts Payable Matching Detail II |
| VatBox          | Tax Box                     | Tax Master                          |
| VatGroup        | Tax Group                   | Tax Master                          |
| VatGroupBoxLink | Tax Group Box Link          | Tax Master                          |
| VatNumber       | Tax Number                  | Business Relations I                |
| Vat Number      | Tax Number                  | Business Relations II               |
| VatRule         | Tax Rule                    | Tax Master                          |
| vd_mstr         | Supplier Master             | Supplier Replication                |
| WHT             | Withholding Tax             | Withholding Taxes I                 |
| WHT             | Withholding Tax             | Withholding Taxes II                |
| WHTCertFormat   | Withholding Tax Cert Format | Supplier Invoice                    |
| WHTCertFormat   | Withholding Tax Cert Format | Withholding Taxes I                 |
| WorkOrder       | Work Order                  | Accounts Payable Matching Global I  |
| YearClosing     | Year Closing                | Year End Close                      |

Table 5.1 — Financial Cross-Reference — (Page 25 of 25)

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