



QAD Enterprise Applications 2009  
Standard Edition

# **Technical Reference Entity Diagrams**

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QAD 2009 Standard Edition  
June 2009

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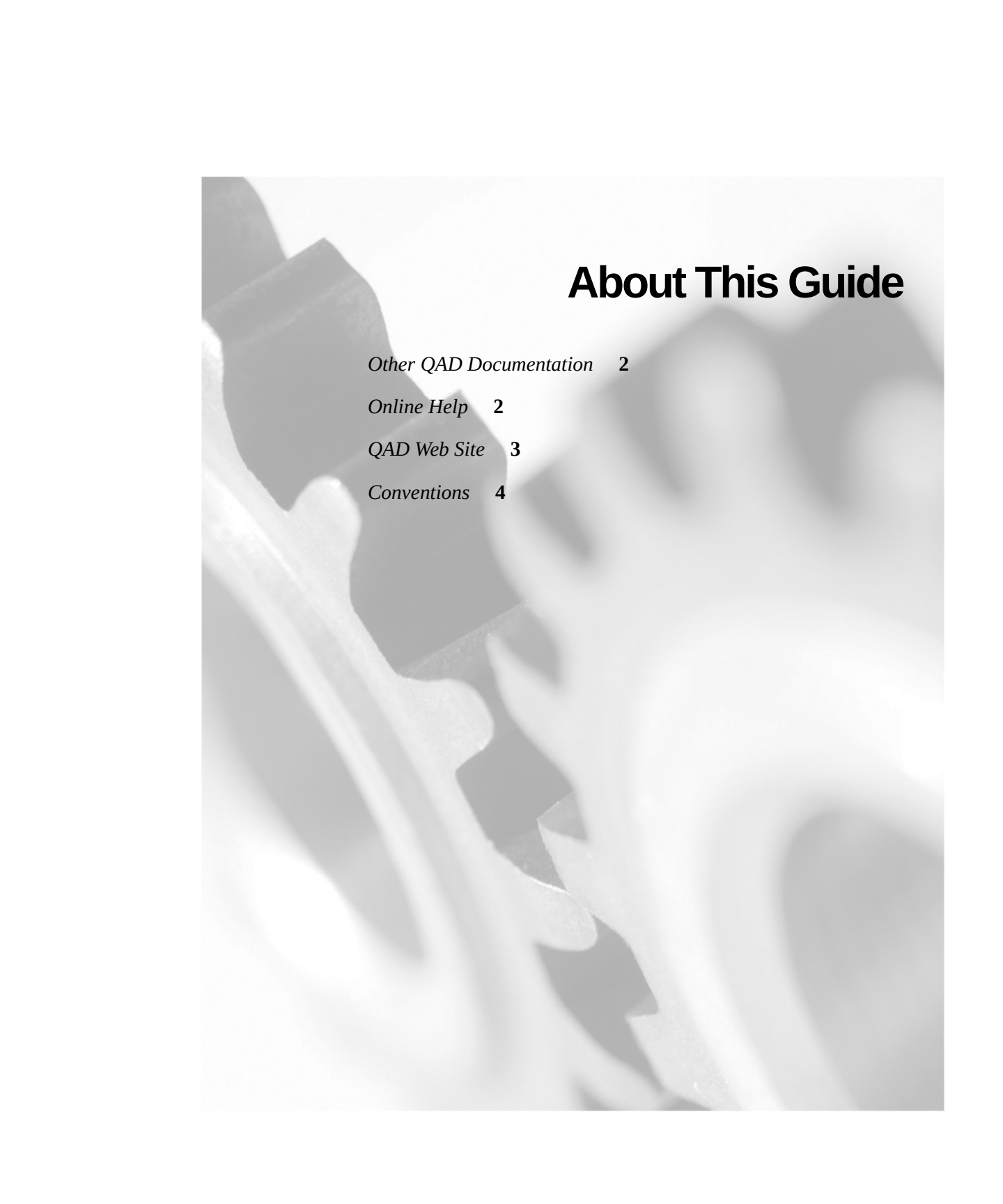
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The background of the page is a grayscale image of several interlocking gears. The gears are of different sizes and are positioned in a way that they appear to be meshing together. The lighting creates highlights and shadows on the teeth of the gears, giving them a three-dimensional appearance. The overall tone is technical and industrial.

# About This Guide

*Other QAD Documentation*    2

*Online Help*    2

*QAD Web Site*    3

*Conventions*    4

This book includes diagrams that detail key relationships among various tables in the QAD Standard Edition database.

### Other QAD Documentation

- For software installation instructions, refer to the appropriate installation guide for your system.
- For conversion information, refer to the *Conversion Guide*.
- For instructions on navigating the Windows and character environments, see *User Guide: Introduction*.
- For instructions on navigating and using the QAD .NET User Interface, see *User Guide: QAD .NET User Interface*.
- For instructions on navigating and using the QAD Desktop interface, see *User Guide: QAD Desktop*.
- For information on using the product, refer to the *User Guides*.
- For technical details, refer to *Entity Diagrams* and *Database Definitions*.
- To view documents online in PDF format, see the *Documents on CD* and *Supplemental Documents on CD*.

**Note** Installation guides are not included on a CD. Printed copies are packaged with your software. Electronic copies of the latest versions are available on the QAD Web site.

For a complete list of QAD Documentation, visit the QAD Support site.

### Online Help

QAD provides an extensive online help system. Help is available for most fields found on a screen. Procedure help is available for most programs that update the database. Most inquiries, reports, and browses do not have procedure help.

For information on using the help system in the different environments, refer to *User Guide: Introduction*, *User Guide: QAD Desktop*, and *User Guide: QAD .NET User Interface*.

## QAD Web Site

QAD's Web site provides a wide variety of information about the company and its products. You can access the Web site at:

<http://www.qad.com>

For users with a QAD Web account, product documentation is available for viewing or downloading from the QAD Online Support Center at:

<http://support.qad.com/>

You can register for a QAD Web account at the QAD Online Support Center. Your customer ID number is required. Access to certain areas is dependent on the type of agreement you have with QAD.

Most user documentation is available in two formats:

- Portable document format (PDF). PDF files can be downloaded from the QAD Web site to your computer. You can view them with the free Adobe Acrobat Reader.
- HTML. You can view user documentation through your Web browser. The documents include search tools for easily locating topics of interest.

## Conventions

Several interfaces are available: the .NET User Interface, Desktop (Web browser), Windows, and character. To standardize presentation, the documentation uses the following conventions:

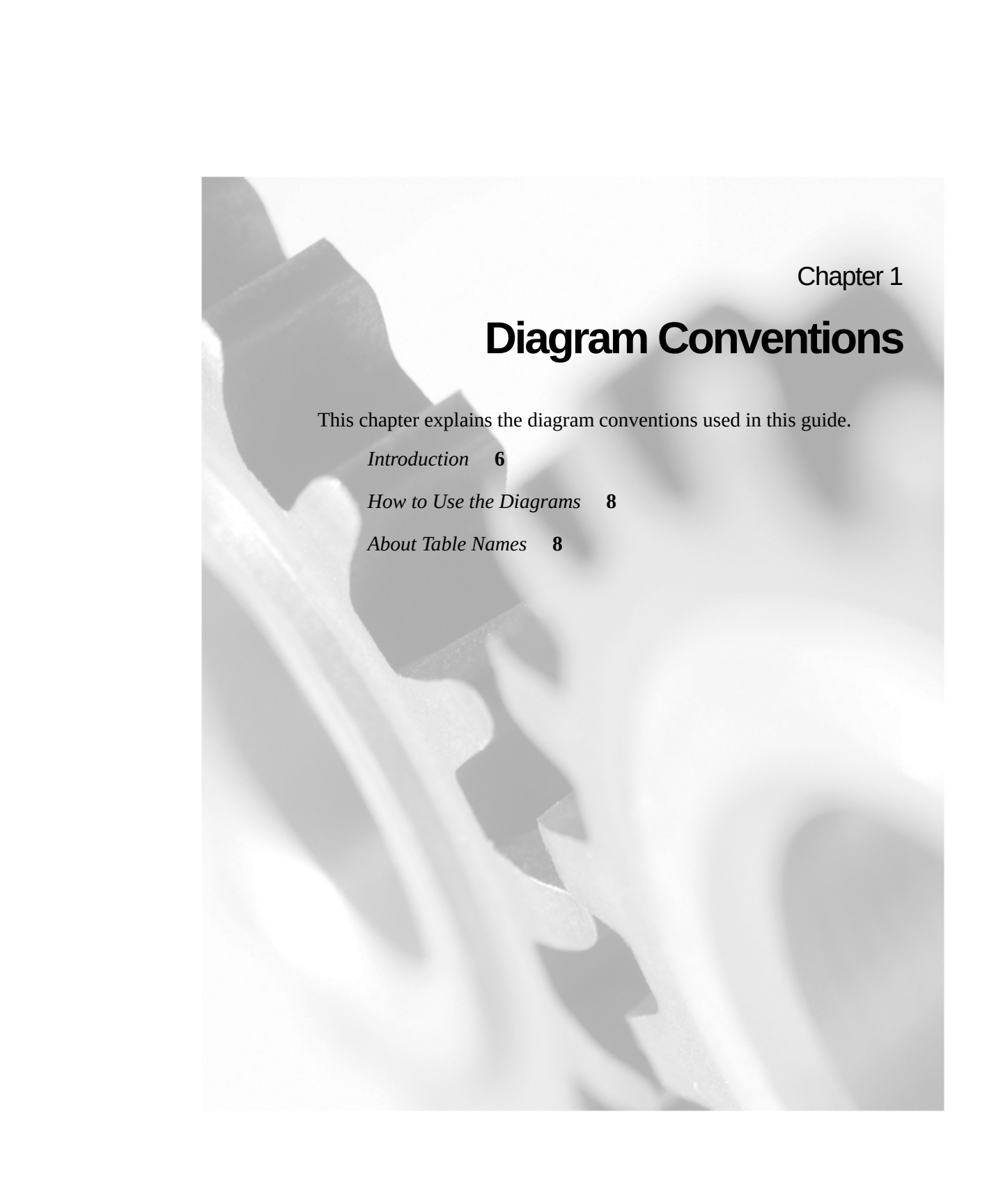
- Screen captures show the Desktop interface.
- References to keyboard commands are generic. For example, choose Go refers to:
  - The Next button in .NET UI
  - The forward arrow in Desktop
  - F2 in the Windows interface
  - F1 in the character interface

In the character and Windows interfaces, the Progress status line at the bottom of a program window lists the main UI-specific keyboard commands used in that program. In Desktop, alternate commands are listed in the right-click context menu. In the .NET UI, alternate commands are listed in the Actions menu.

For complete keyboard command summaries for each interface, refer to the appropriate chapters of *User Guide: QAD .NET User Interface*, *User Guide: QAD Desktop*, and *User Guide: Introduction*.

This document uses the text or typographic conventions listed in the following table.

| If you see:                       | It means:                                                                                                        |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------|
| monospaced text                   | A command or file name.                                                                                          |
| <i>italicized monospaced text</i> | A variable name for a value you enter as part of an operating system command; for example, <i>YourCDROMDir</i> . |
| indented command line             | A long command that you enter as one line, although it appears in the text as two lines.                         |
| <b>Note</b>                       | Alerts the reader to exceptions or special conditions.                                                           |
| <b>Important</b>                  | Alerts the reader to critical information.                                                                       |
| <b>Warning</b>                    | Used in situations where you can overwrite or corrupt data, unless you follow the instructions.                  |



## Chapter 1

# Diagram Conventions

This chapter explains the diagram conventions used in this guide.

*Introduction*    **6**

*How to Use the Diagrams*    **8**

*About Table Names*    **8**

## Introduction

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

- Programmers interested in customizing or modifying the standard QAD Enterprise Resource Planning 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.

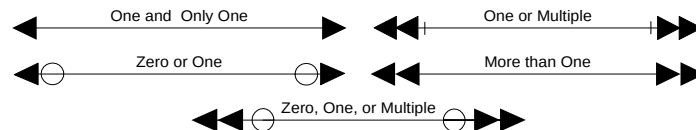
These diagrams are meant to be used in conjunction with *Database Definitions*, which is available separately.

## 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.

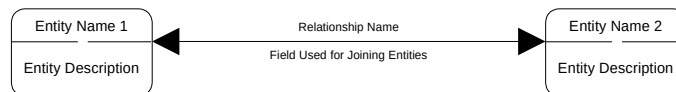
The five relationship lines are displayed in Figure 1.1

**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.

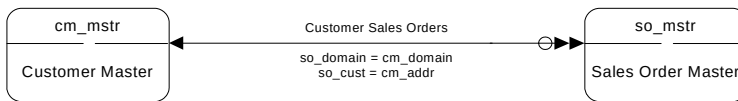


**Fig. 1.3**  
cm\_mstr to so\_mstr  
Relationship  
Example

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 accounts payable master can have zero or one check masters and that one check master must have one and only one accounts payable master.

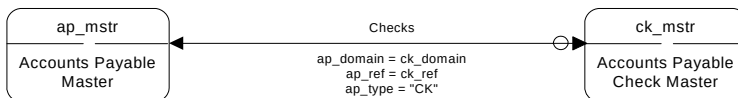


**Fig. 1.4**  
ap\_mstr to ck\_mstr  
Relationship  
Example

To join these two tables within Progress, set ap\_ref equal to ck\_ref and ap\_type equal to CK.

```

FOR EACH ap_mstr EACH ck_mstr WHERE ap_domain = ck_domain AND ap_ref
= ck_ref AND ap_type = CK:
    DISPLAY ap_vend ck_bank ck_nbr.
END.
  
```

## How to Use the Diagrams

The diagrams are divided into two sections, organized approximately by modules. The second section has diagrams for relationships that apply only if you are using the optional European Accounting (EA) module.

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 either of the two cross-reference tables to find the other diagrams the tables appear in:

- “Cross-Reference” on page 138
- “European Accounting Cross-Reference” on page 188

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.

## About Table Names

The table name and the 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. |

| 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 accounts receivable master is ar\_mstr, and ck\_mstr is the table name for check 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.

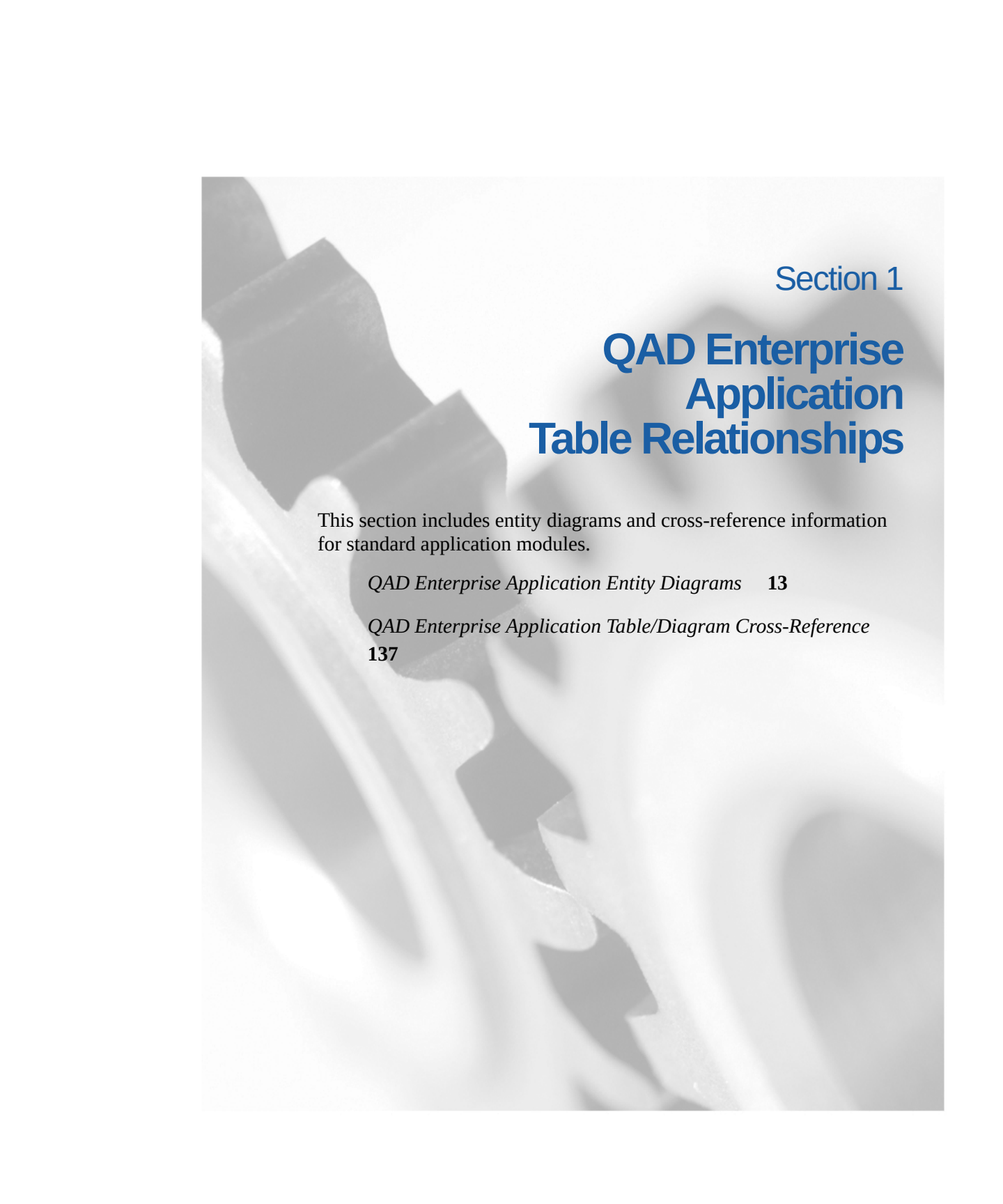
Detail tables related to master data typically have the same prefix with the addition of the letter d.

**Example** The detail table associated with vo\_mstr is vod\_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.



The background of the page features a grayscale image of several interlocking gears. The gears are of different sizes and are positioned in a way that creates a sense of depth and mechanical complexity. The lighting is soft, highlighting the teeth of the gears and creating subtle shadows.

## Section 1

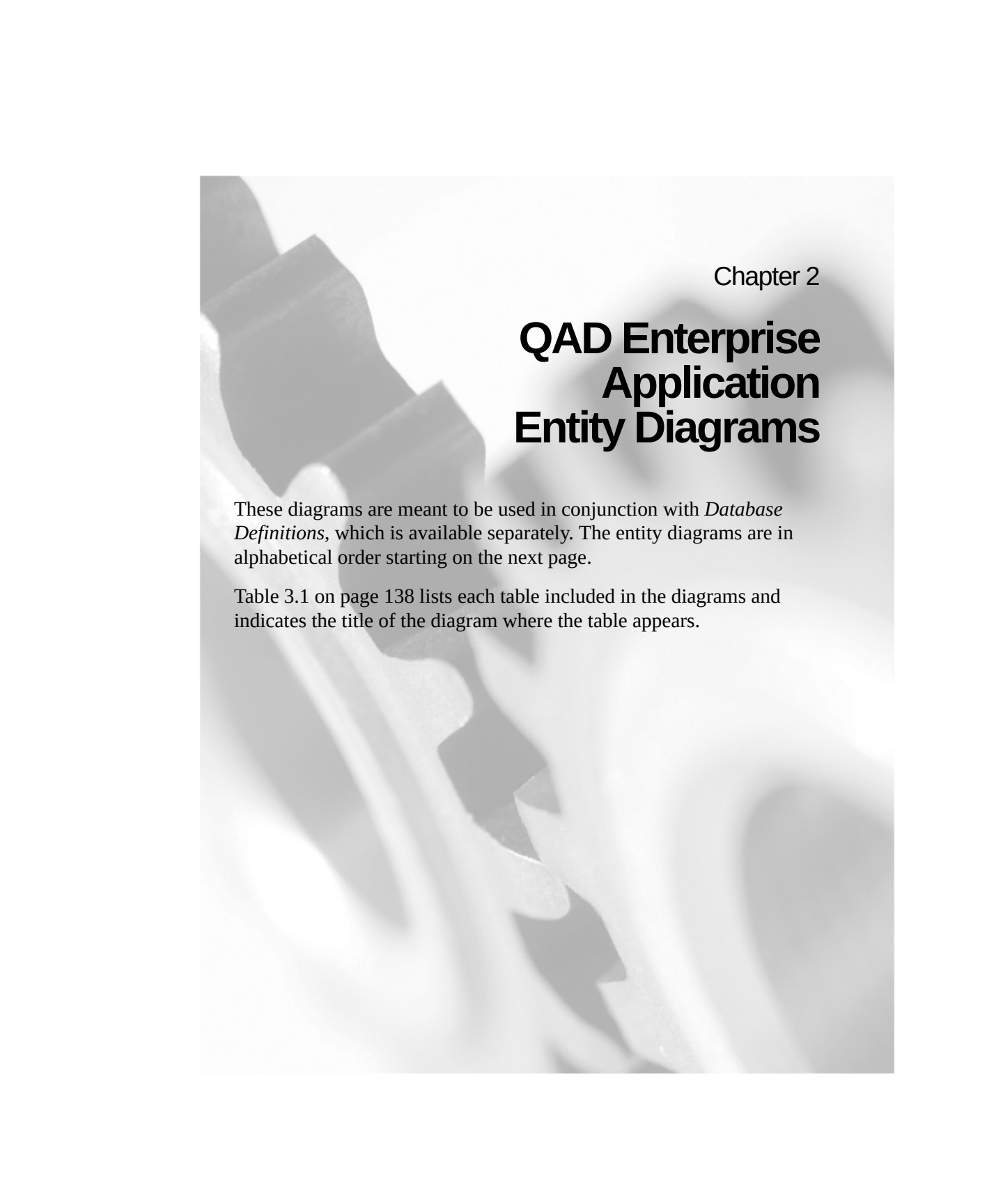
# QAD Enterprise Application Table Relationships

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

*QAD Enterprise Application Entity Diagrams*    **13**

*QAD Enterprise Application Table/Diagram Cross-Reference*  
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## 12 Entity Diagrams

The background of the page is a grayscale image of several interlocking gears. The gears are of different sizes and are positioned in a way that creates a sense of depth and mechanical complexity. The lighting is soft, highlighting the teeth of the gears.

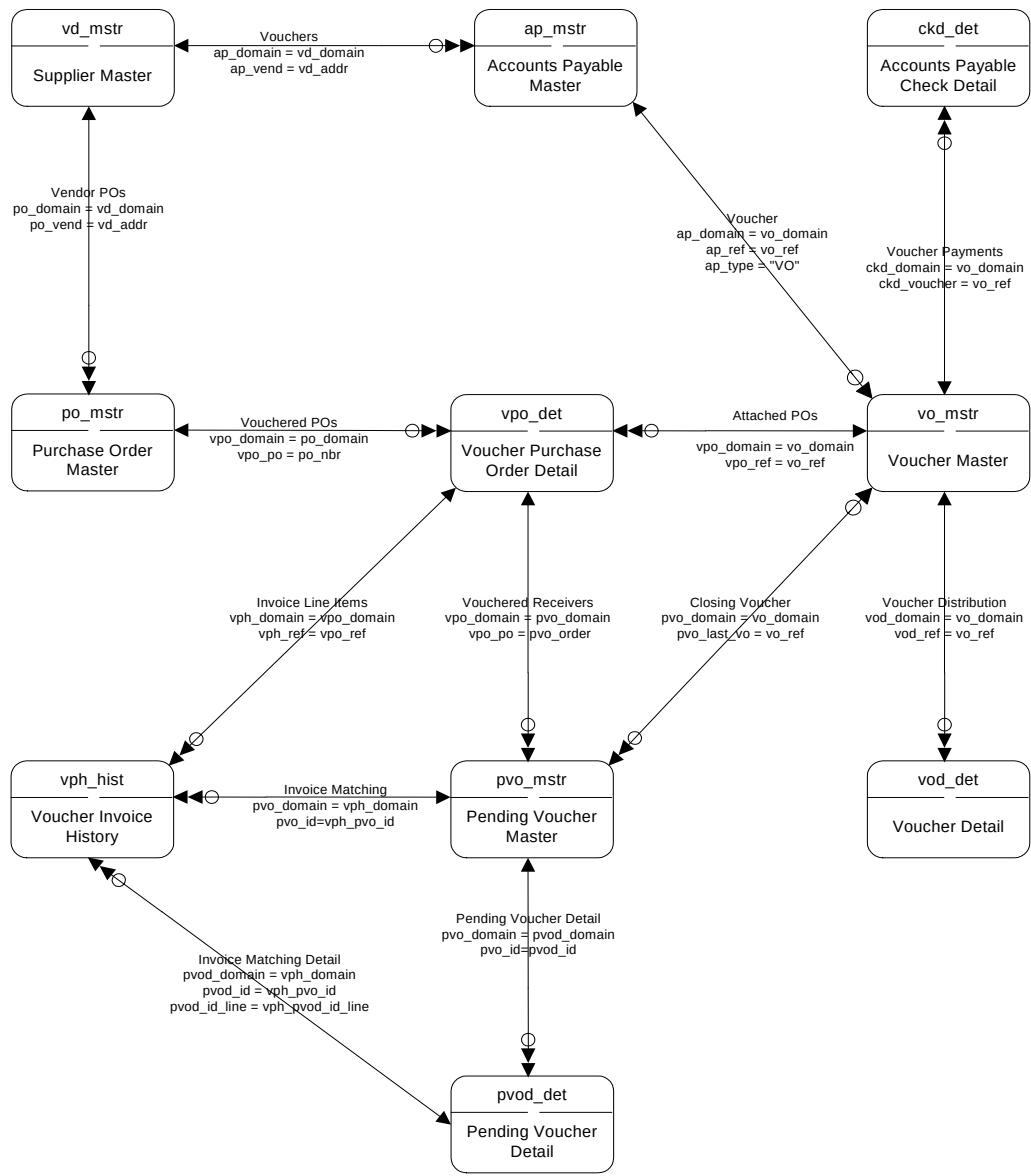
## Chapter 2

# QAD Enterprise Application Entity Diagrams

These diagrams are meant to be used in conjunction with *Database Definitions*, which is available separately. The entity diagrams are in alphabetical order starting on the next page.

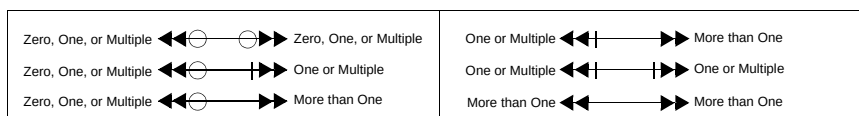
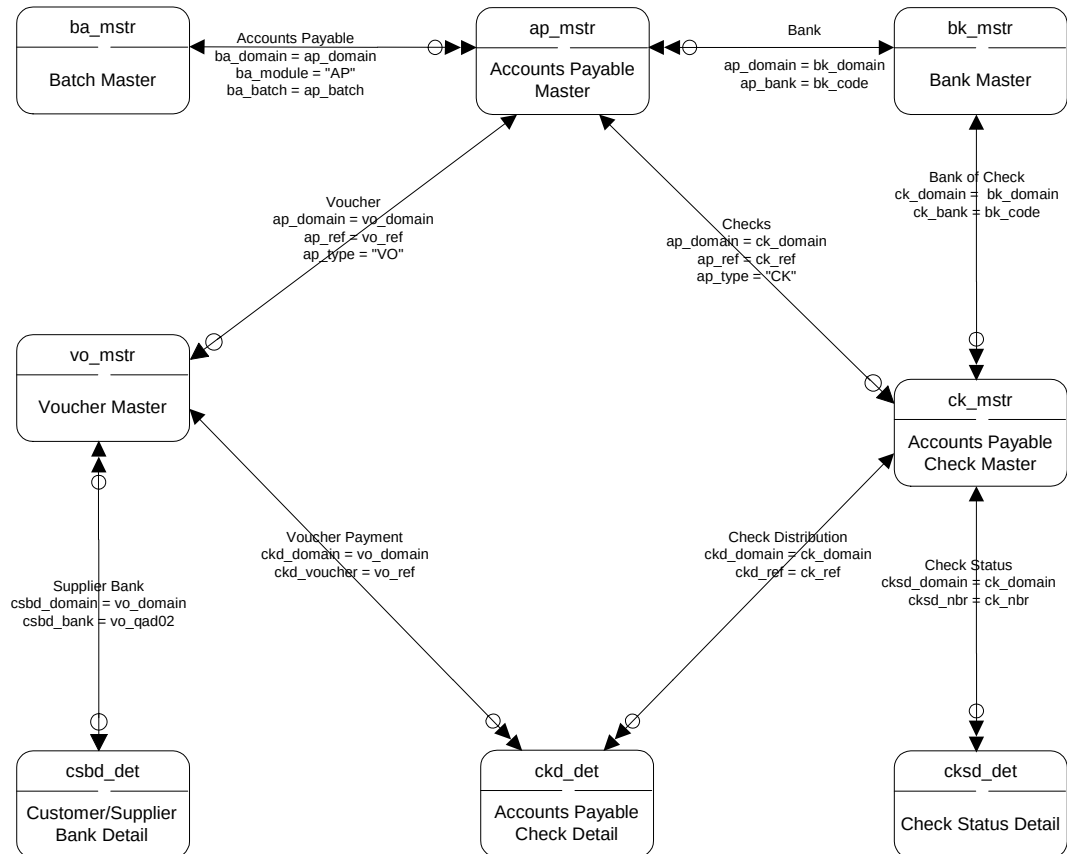
Table 3.1 on page 138 lists each table included in the diagrams and indicates the title of the diagram where the table appears.

Accounts Payable I

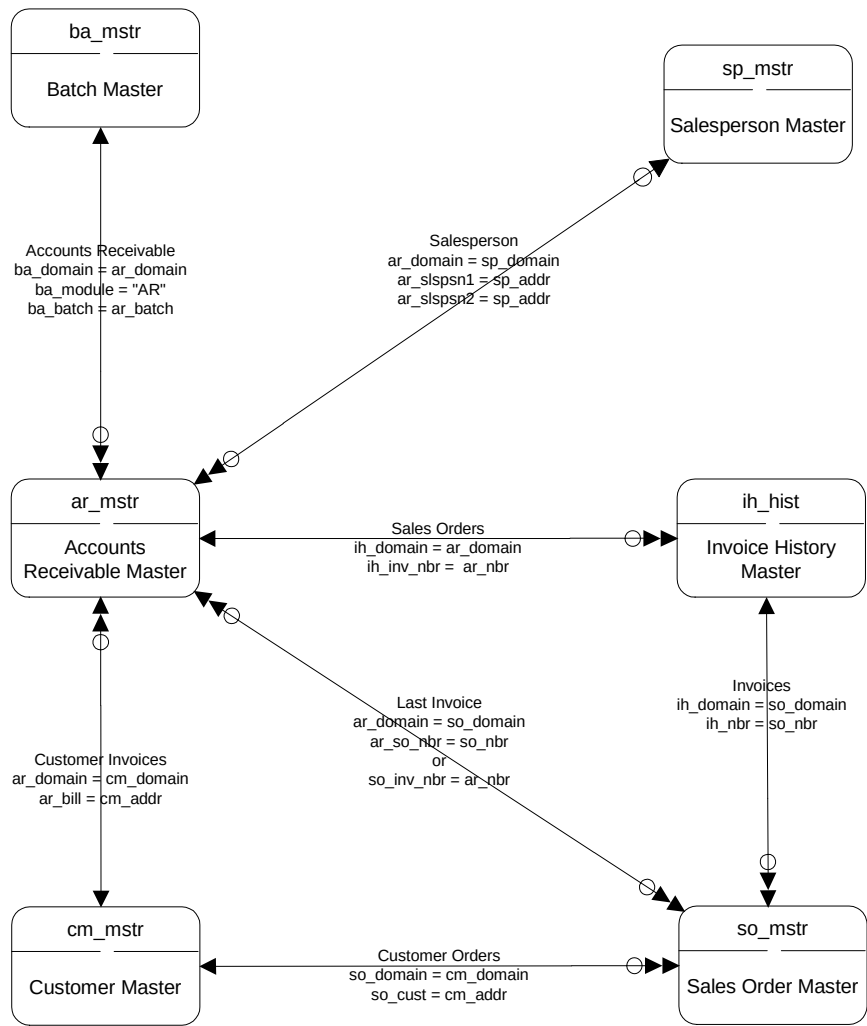


|             |                        |                  |                  |                  |                        |
|-------------|------------------------|------------------|------------------|------------------|------------------------|
| Zero or One | One and Only One       | Zero or One      | 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          |

## Accounts Payable II

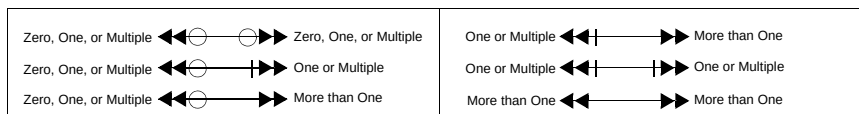
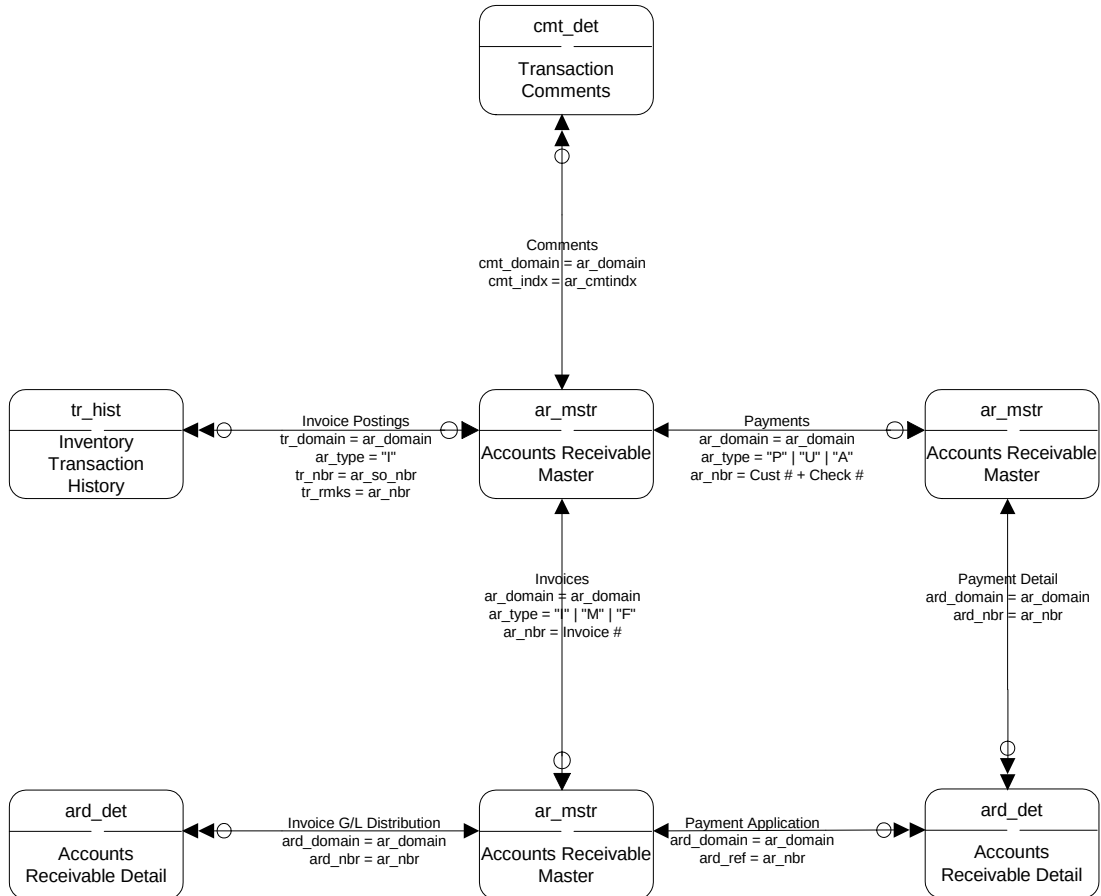


Accounts Receivable I

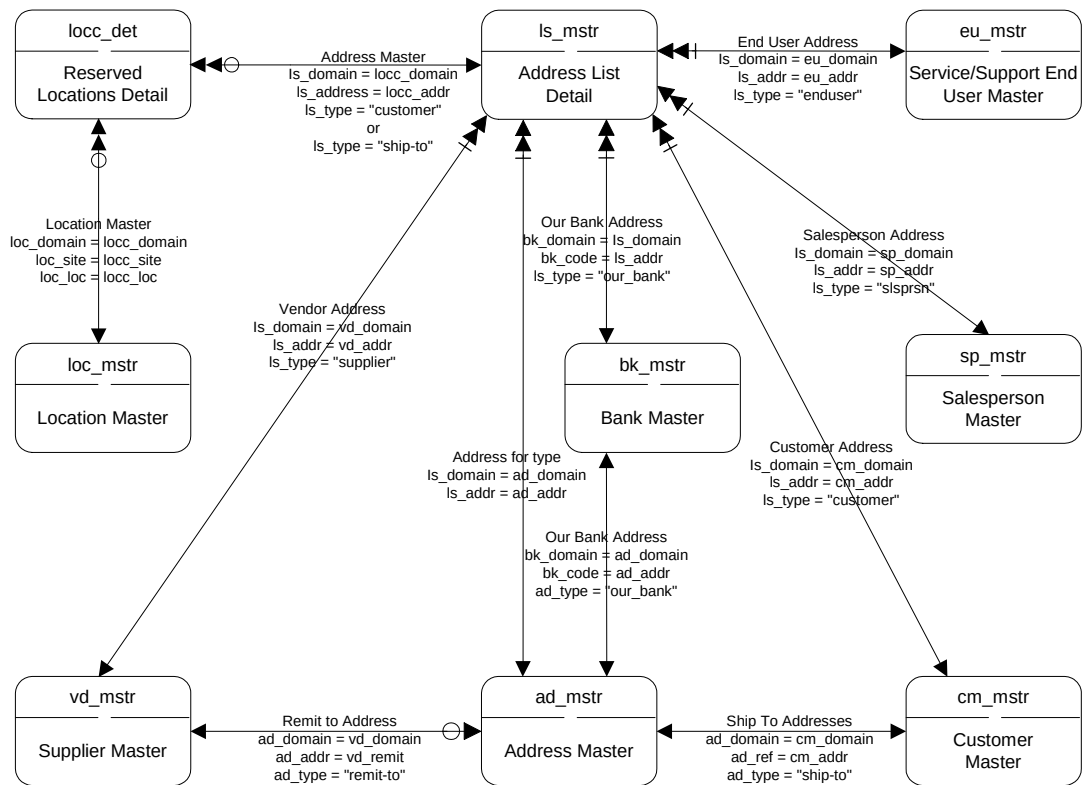


|             |                        |                  |                  |                  |                        |
|-------------|------------------------|------------------|------------------|------------------|------------------------|
| Zero or One | One and Only One       | Zero or One      | 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          |

## Accounts Receivable II

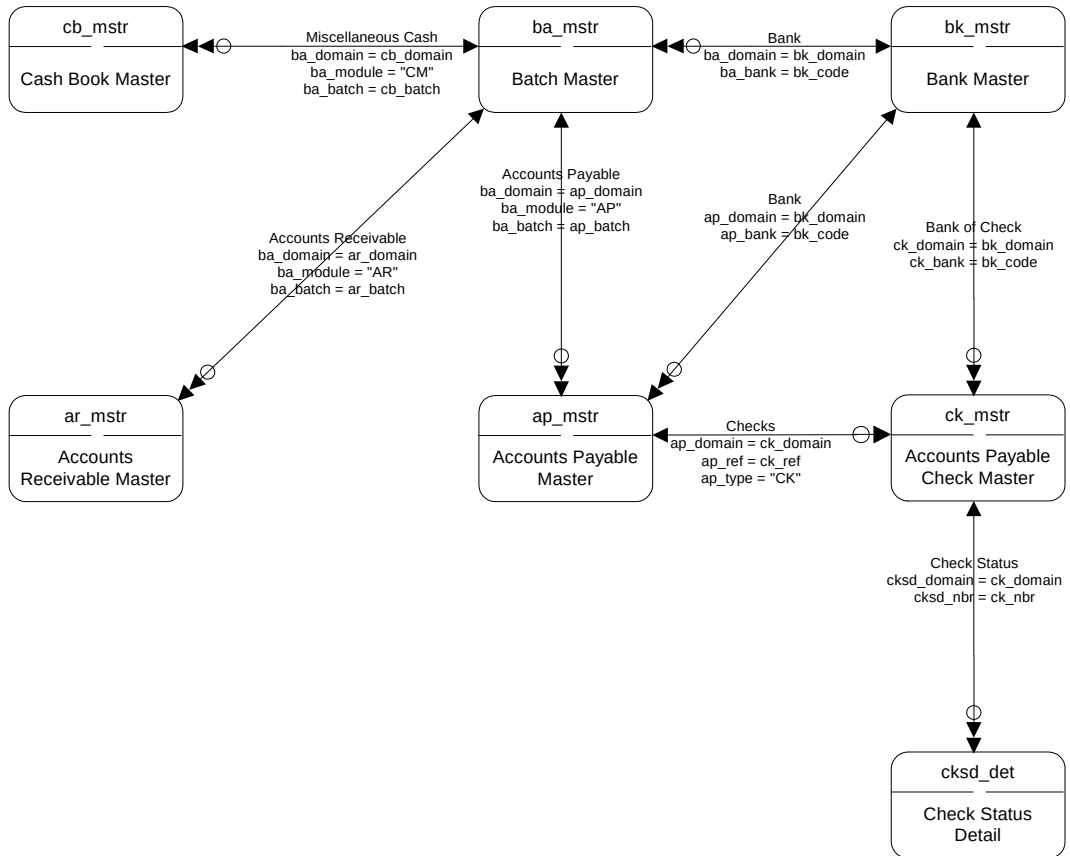


Addresses



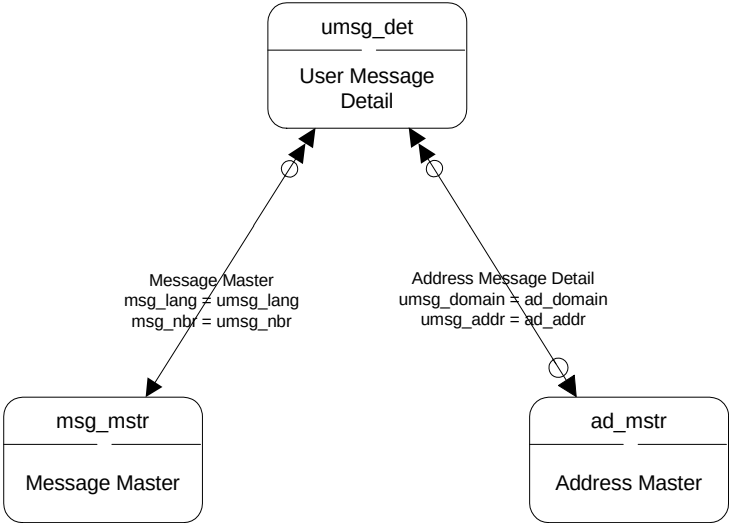
|                                                                                                 |                                                                                                            |                                                                                                      |                                                                                                      |                                                                                                       |                                                                                                              |
|-------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| 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           |

# Cash Management



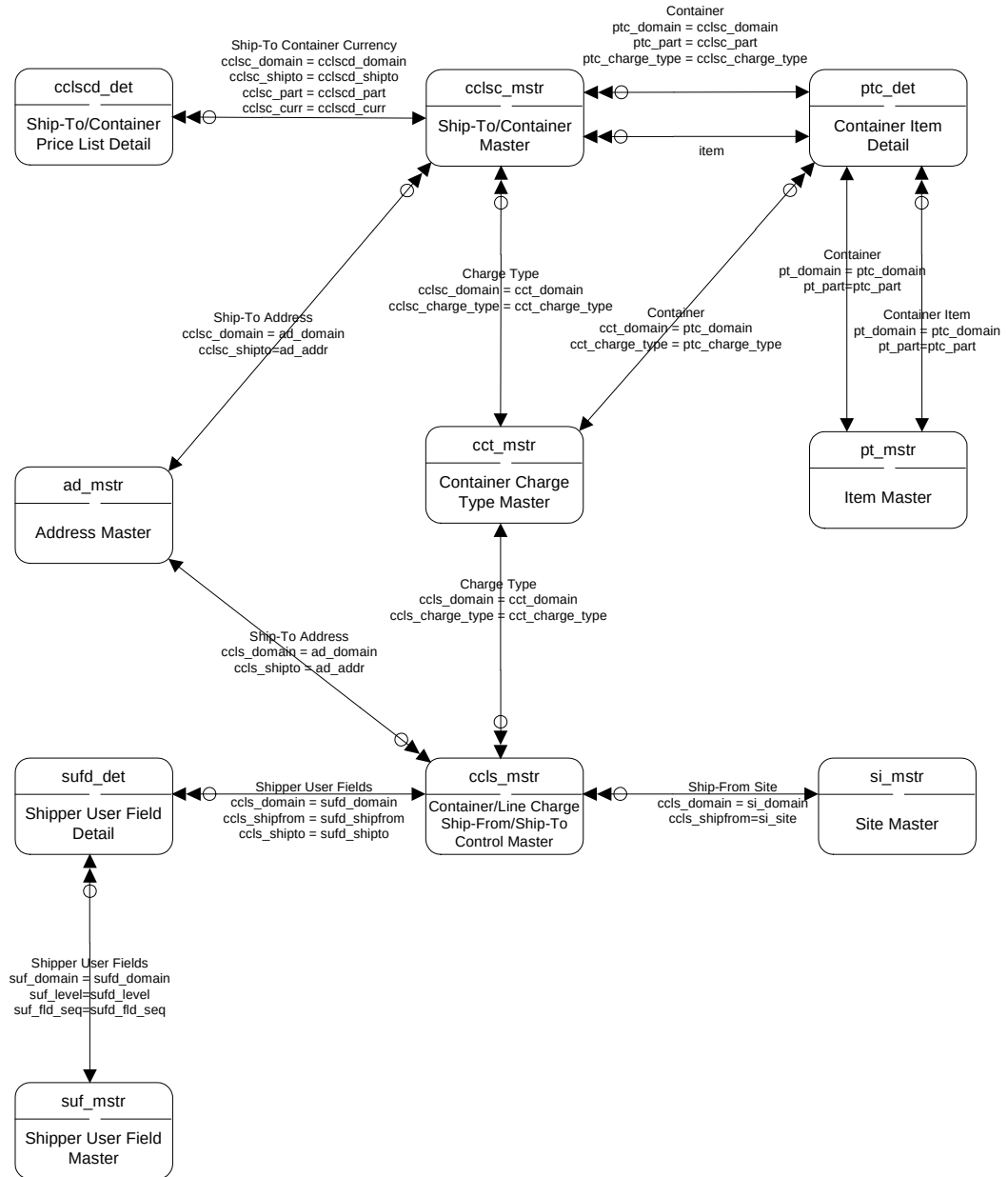
|                        |                        |                 |                 |
|------------------------|------------------------|-----------------|-----------------|
| Zero, One, or Multiple | Zero, One, or Multiple | One or Multiple | More than One   |
| Zero, One, or Multiple | One or Multiple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

# Configured Messages



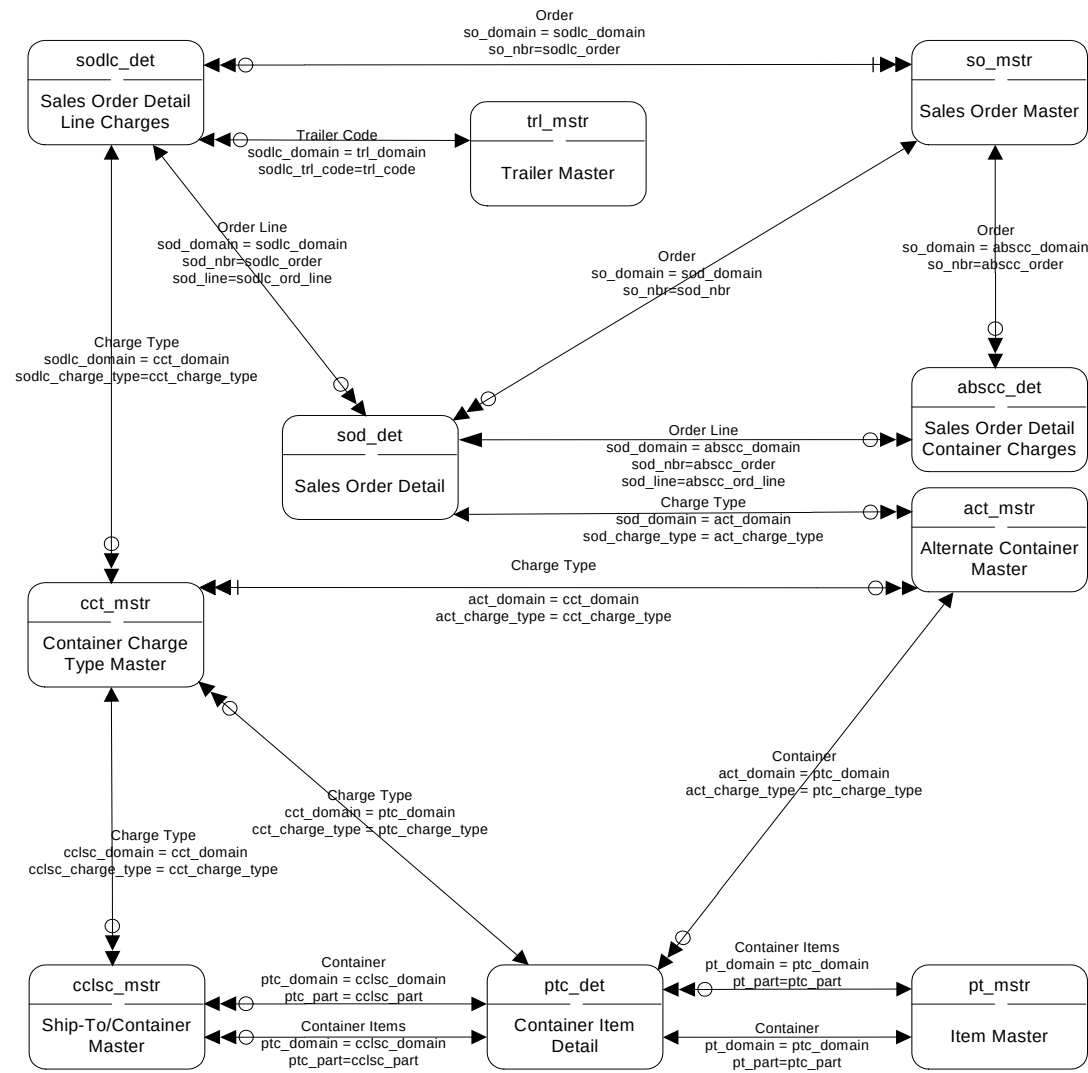
|             |                        |                  |                  |                  |                        |
|-------------|------------------------|------------------|------------------|------------------|------------------------|
| Zero or One | One and Only One       | Zero or One      | 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          |

# Container and Line Charges I



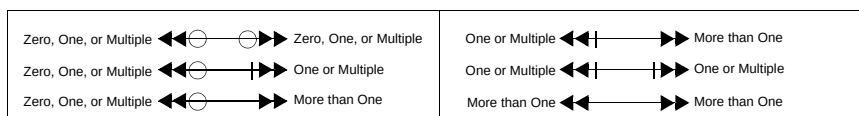
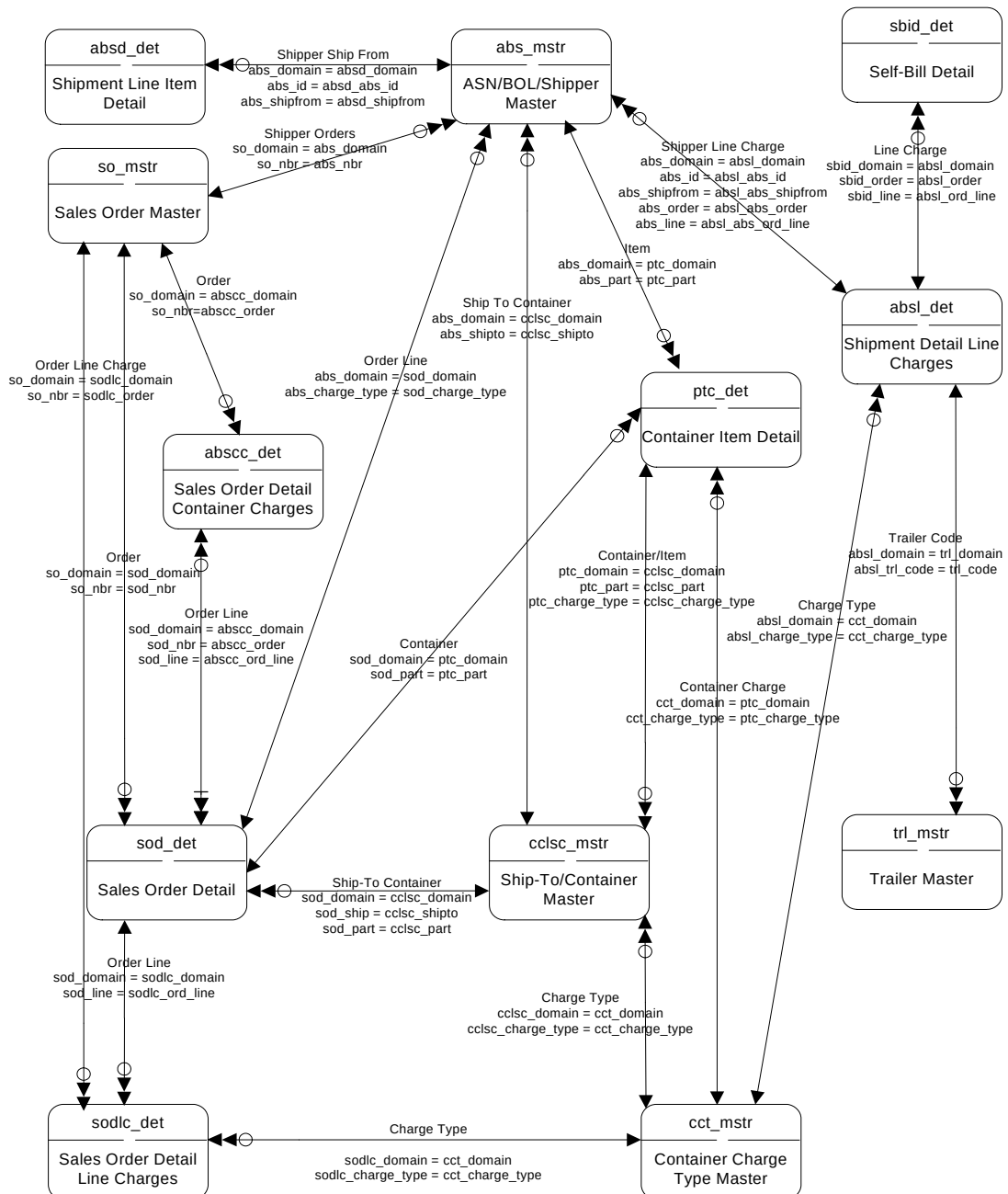
|                        |                        |                 |                 |
|------------------------|------------------------|-----------------|-----------------|
| Zero, One, or Multiple | Zero, One, or Multiple | One or Multiple | More than One   |
| Zero, One, or Multiple | One or Multiple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

# Container and Line Charges II

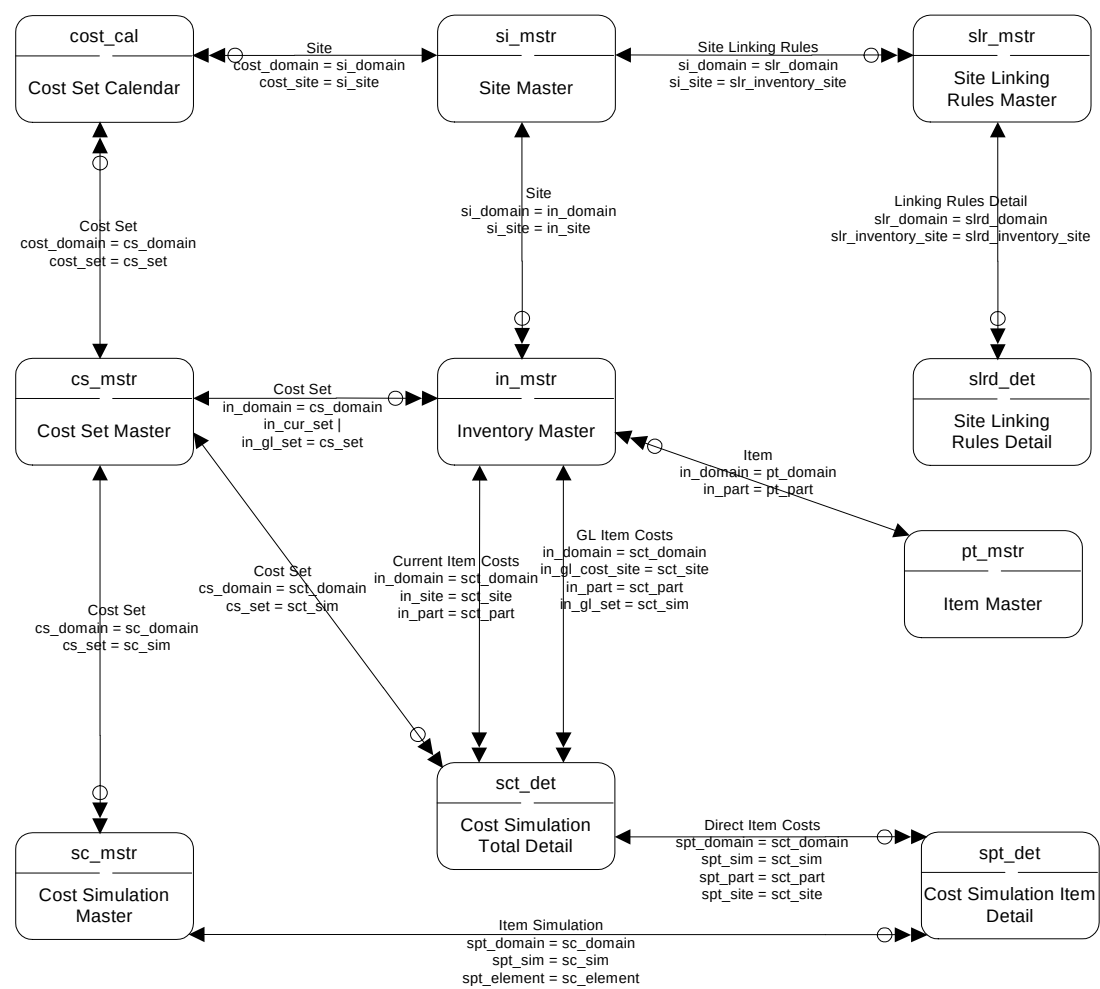


|             |                        |                  |                  |                  |                        |
|-------------|------------------------|------------------|------------------|------------------|------------------------|
| Zero or One | One and Only One       | Zero or One      | 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          |

## Container and Line Charges III

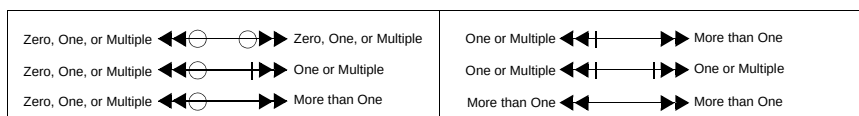
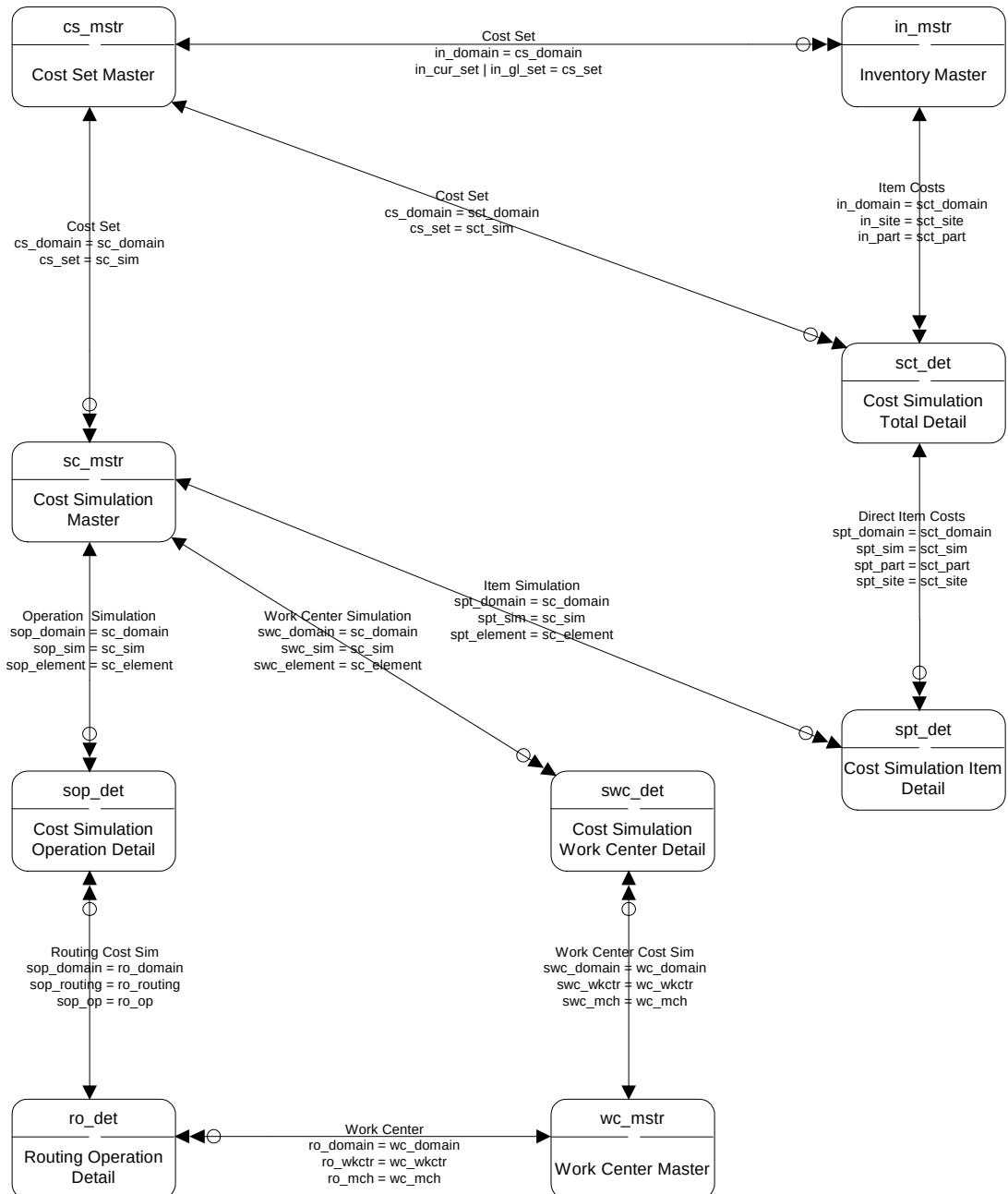


Cost Management I

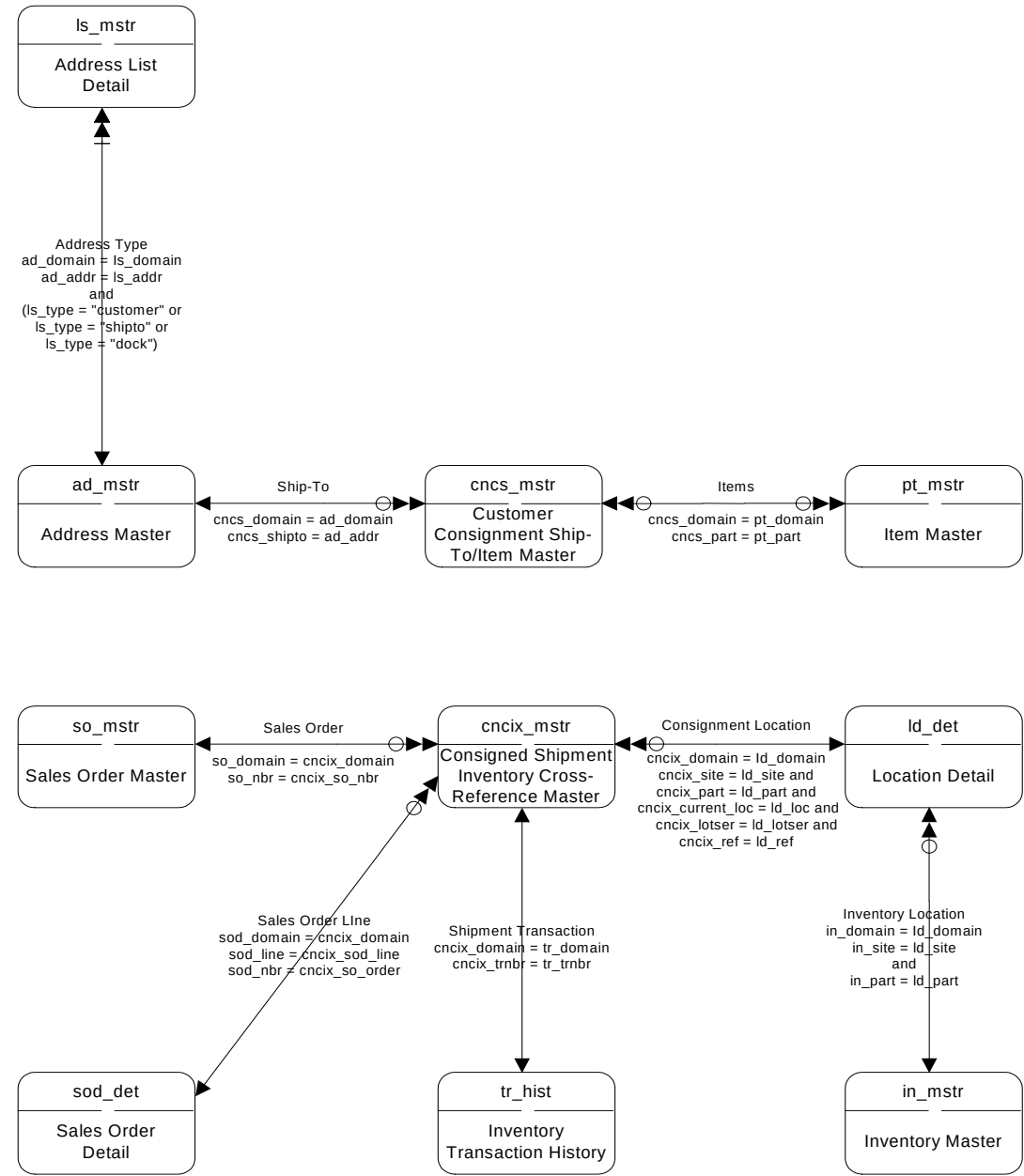


|                                                                                                 |                                                                                                            |                                                                                                      |                                                                                                      |                                                                                                        |                                                                                                              |
|-------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| 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           |

## Cost Management II



# Customer Consignment I

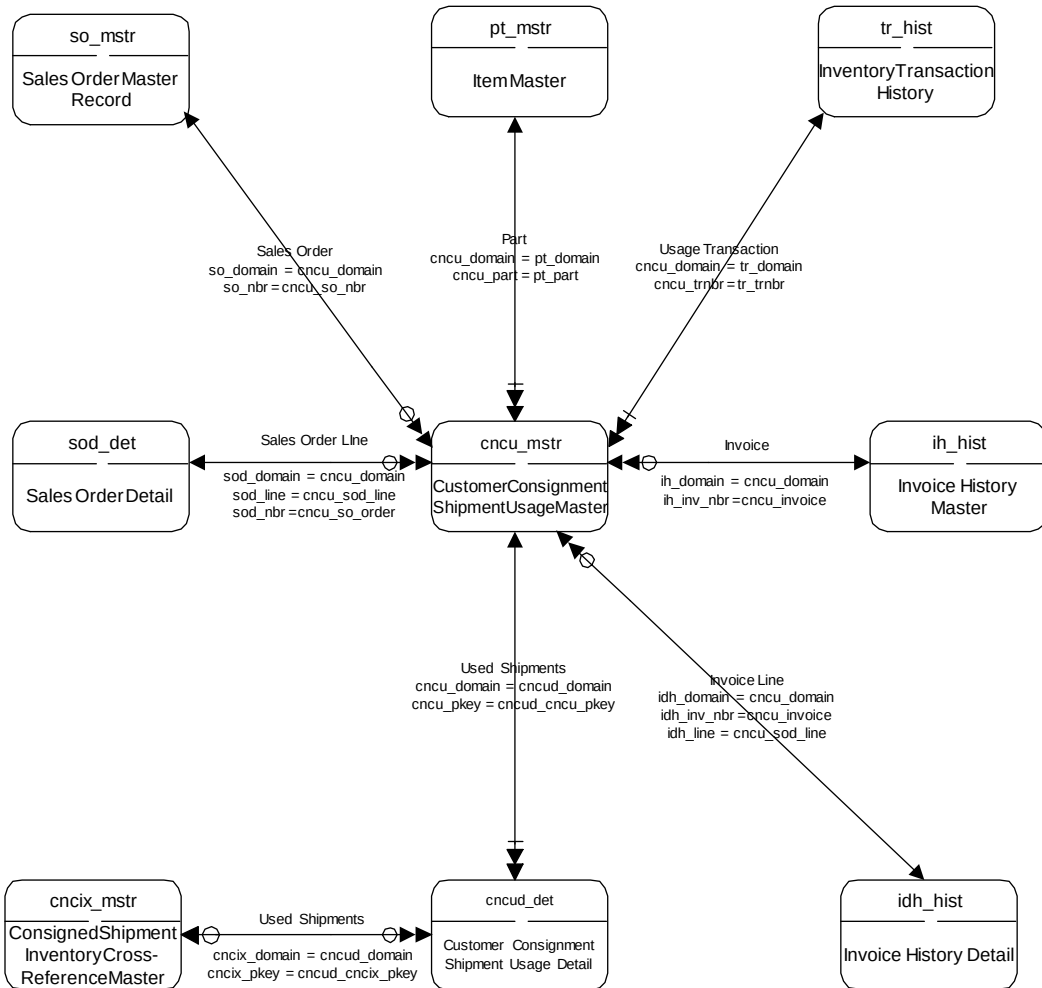


|             |                        |
|-------------|------------------------|
| Zero or One | One and Only One       |
| Zero or One | Zero or One            |
| Zero or One | Zero, One, or Multiple |

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

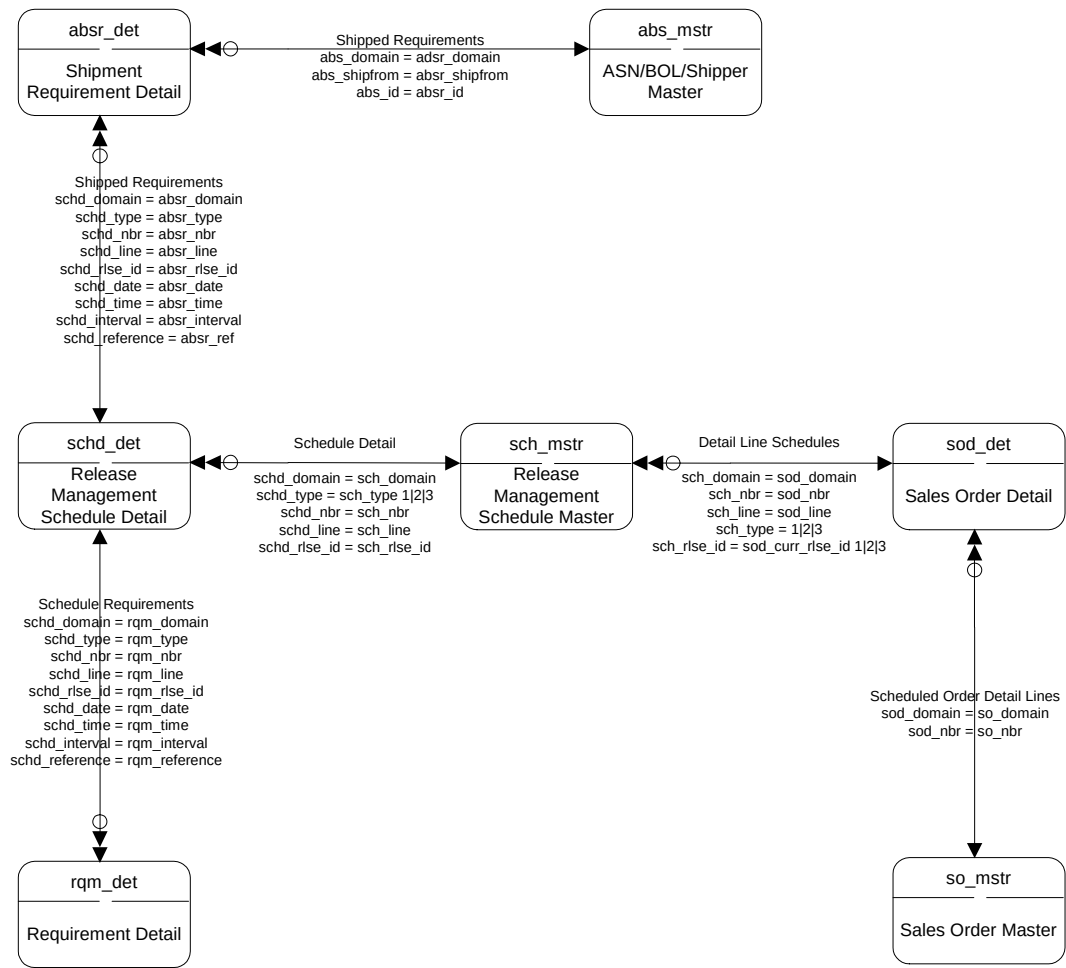
|                  |                        |
|------------------|------------------------|
| One and Only One | Zero, One, or Multiple |
| One and Only One | One or Multiple        |
| One and Only One | More than One          |

## Customer Consignment II



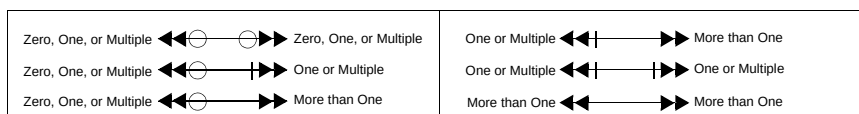
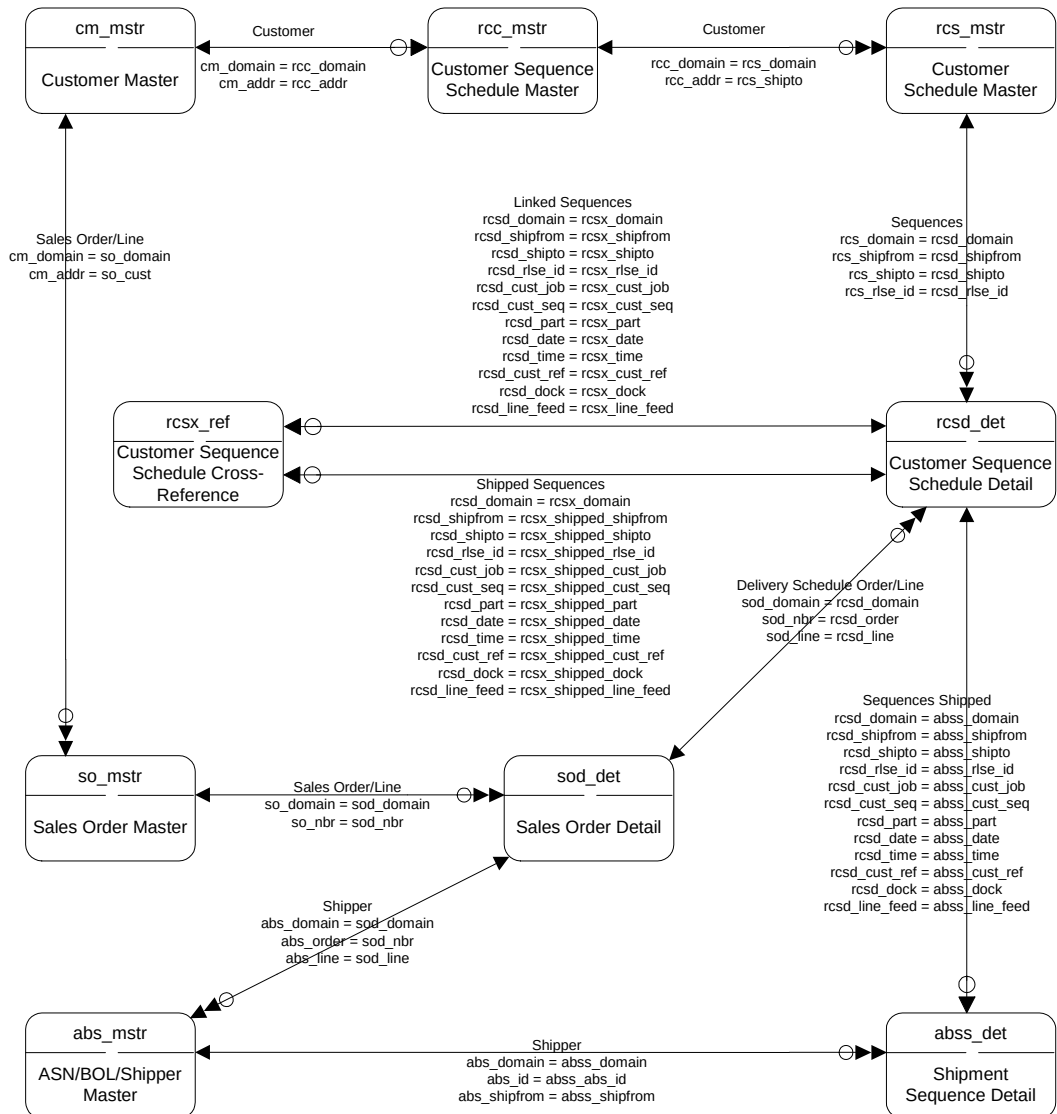
|                        |                        |                 |                 |
|------------------------|------------------------|-----------------|-----------------|
| Zero, One, or Multiple | Zero, One, or Multiple | One or Multiple | More than One   |
| Zero, One, or Multiple | One or Multiple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

# Customer Scheduled Orders

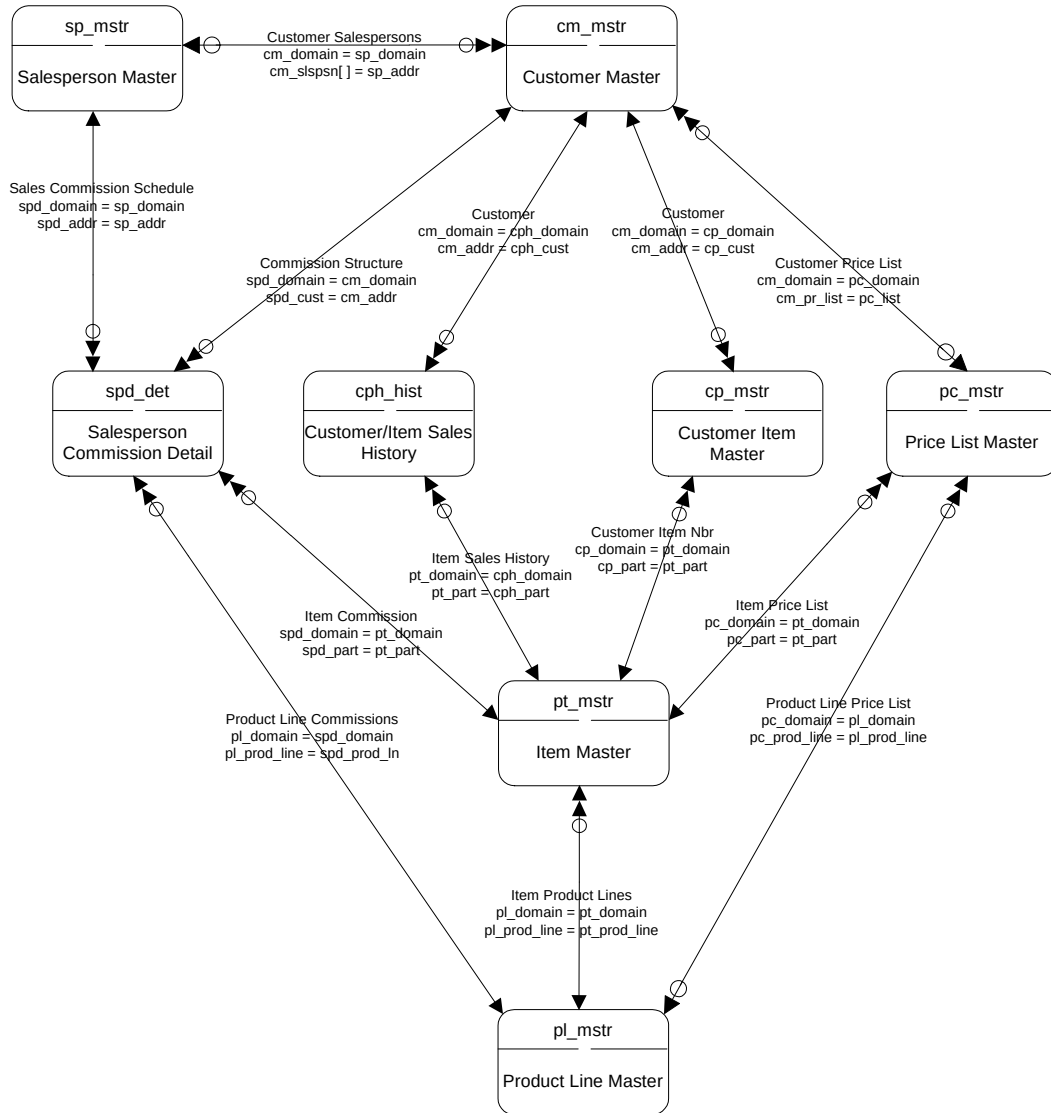


|             |                        |                  |                  |                  |                        |
|-------------|------------------------|------------------|------------------|------------------|------------------------|
| Zero or One | One and Only One       | Zero or One      | 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 Sequenced Schedules

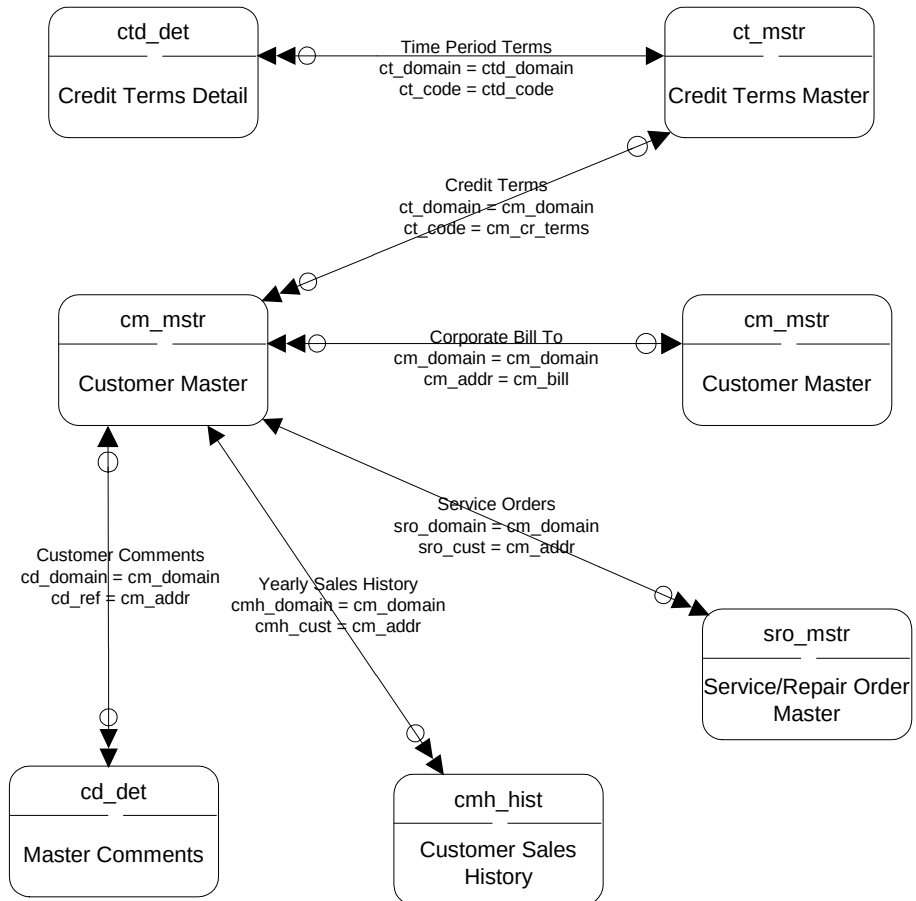


## Customers I



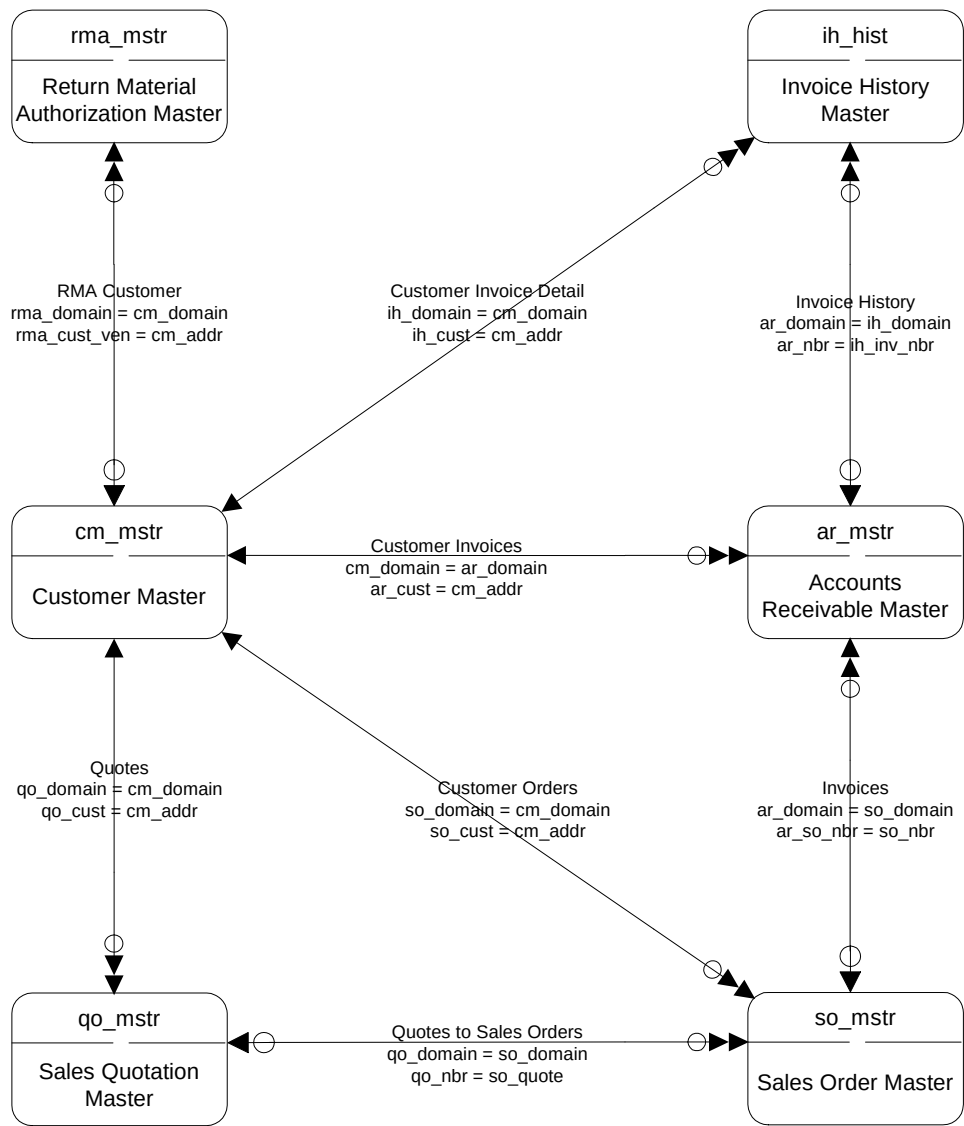
|                                                                                                      |                                                                                                              |
|------------------------------------------------------------------------------------------------------|--------------------------------------------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

## Customers II



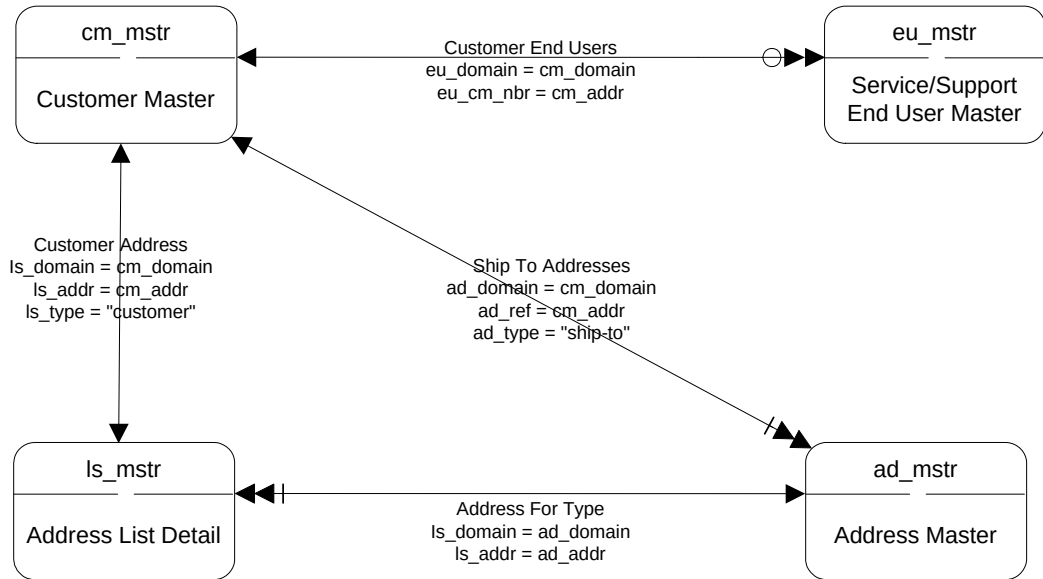
|                        |                        |                 |                 |
|------------------------|------------------------|-----------------|-----------------|
| Zero, One, or Multiple | Zero, One, or Multiple | One or Multiple | More than One   |
| Zero, One, or Multiple | One or Multiple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

Customers III



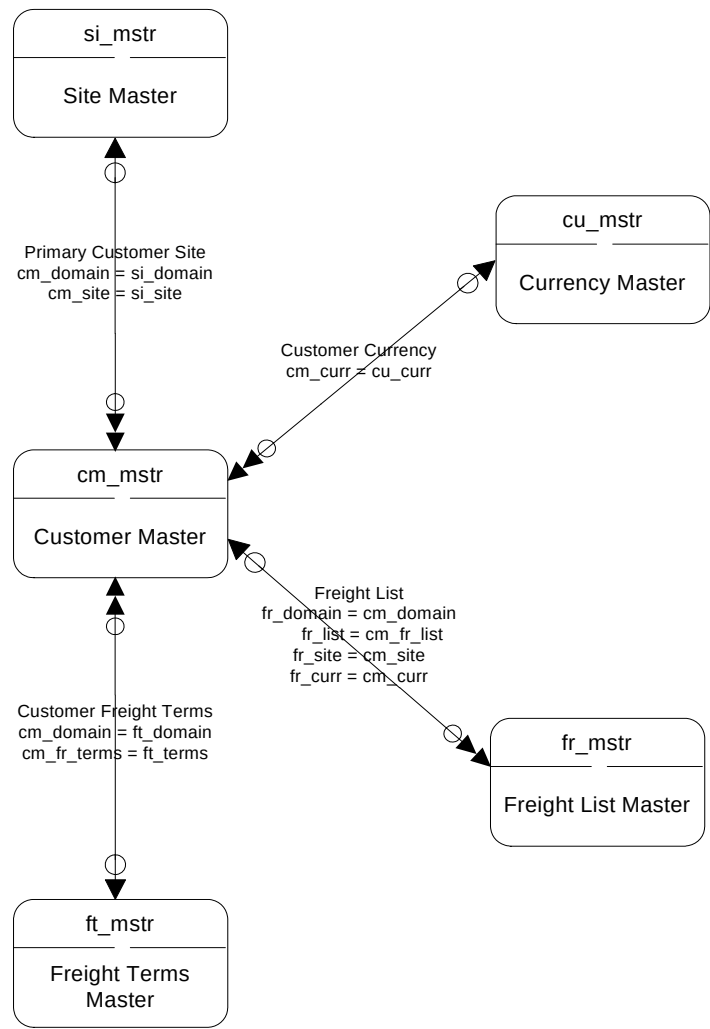
|             |                        |                  |                  |                  |                        |
|-------------|------------------------|------------------|------------------|------------------|------------------------|
| Zero or One | One and Only One       | Zero or One      | 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          |

## Customers IV



|                        |                        |                 |                 |
|------------------------|------------------------|-----------------|-----------------|
| 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   |

Customers V

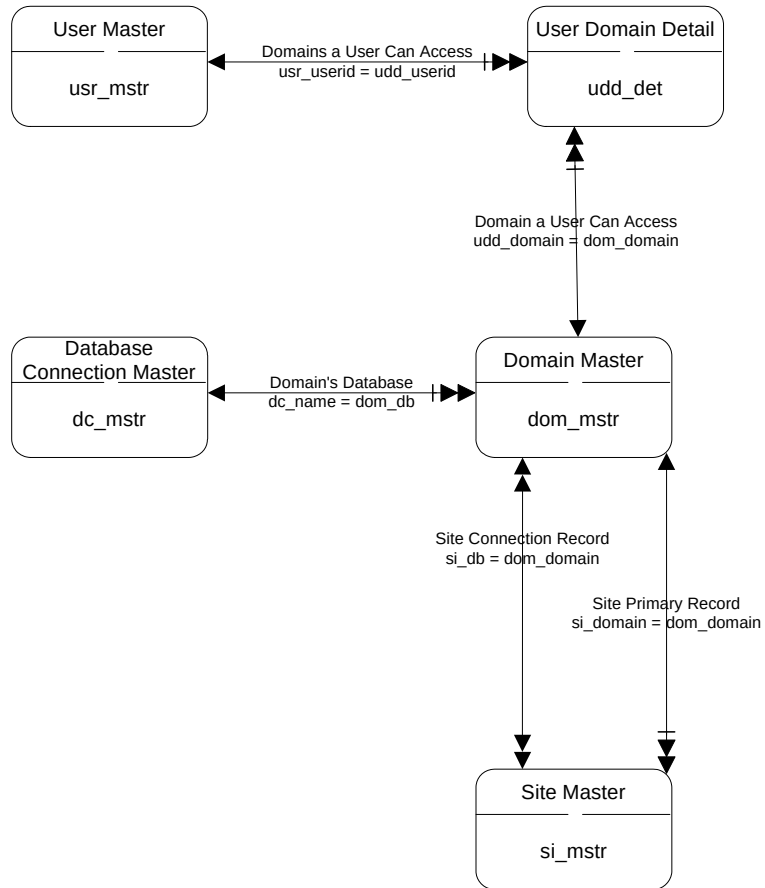


|             |                        |
|-------------|------------------------|
| Zero or One | One and Only One       |
| Zero or One | Zero or One            |
| Zero or One | Zero, One, or Multiple |

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

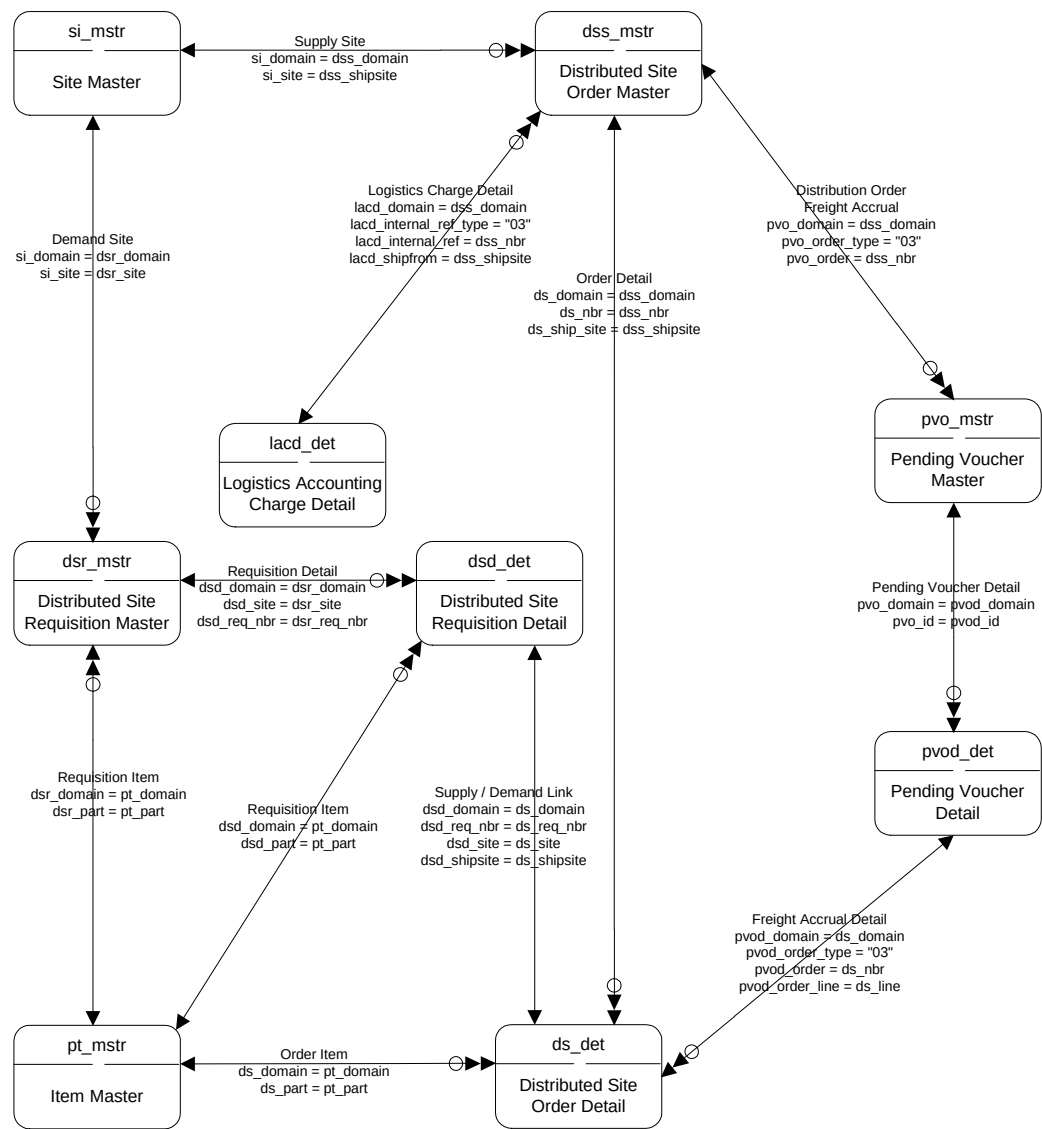
|                  |                        |
|------------------|------------------------|
| One and Only One | Zero, One, or Multiple |
| One and Only One | One or Multiple        |
| One and Only One | More than One          |

## Domain



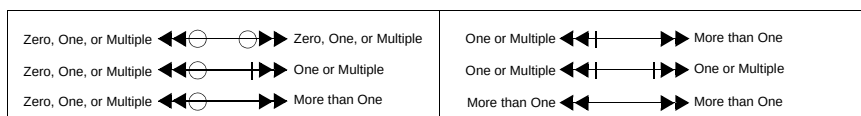
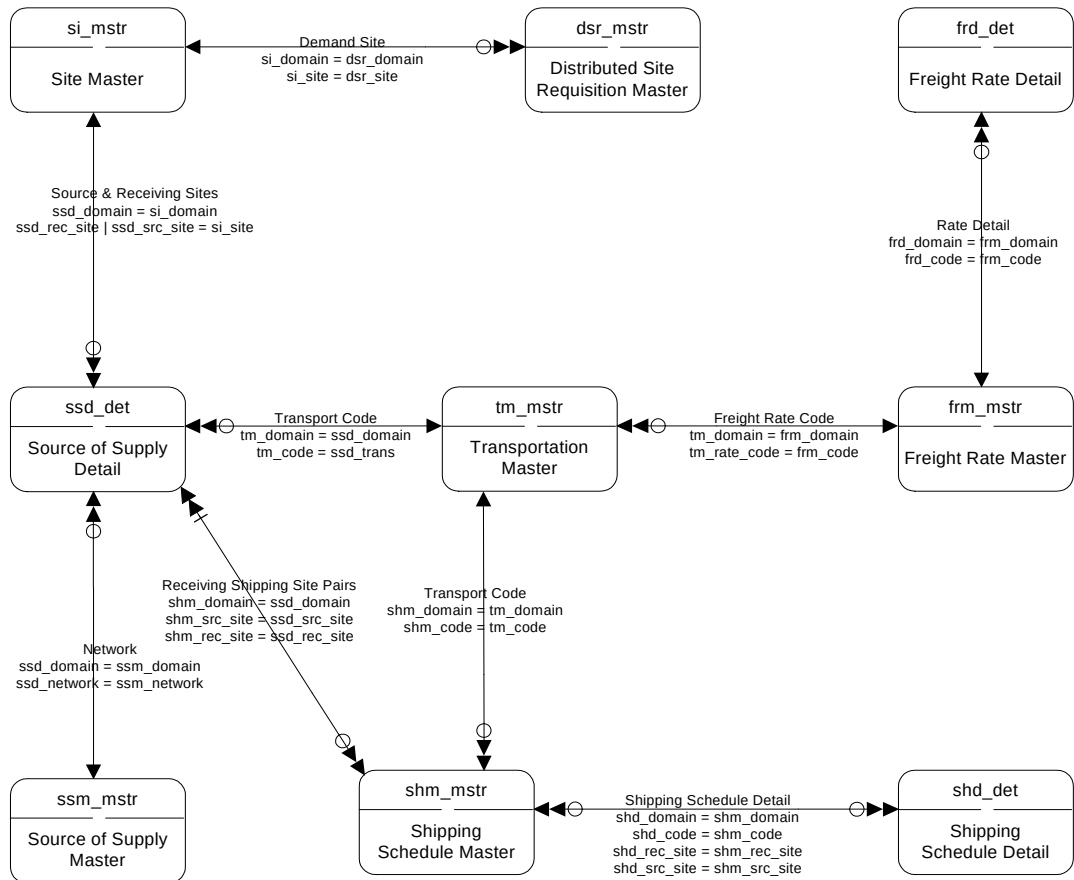
|                        |                        |                 |                 |
|------------------------|------------------------|-----------------|-----------------|
| Zero, One, or Multiple | Zero, One, or Multiple | One or Multiple | More than One   |
| Zero, One, or Multiple | One or Multiple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

DRP I

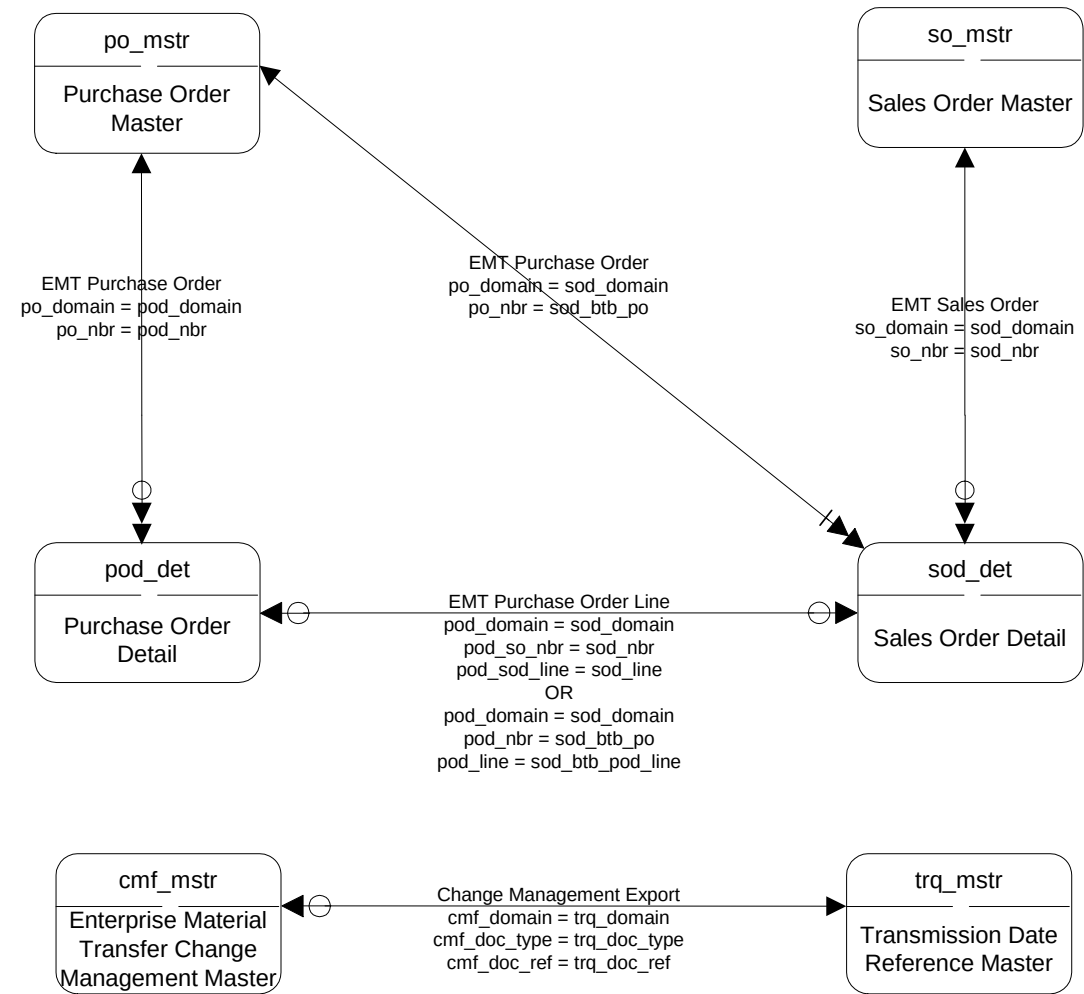


|                                                                                                      |                                                                                                              |
|------------------------------------------------------------------------------------------------------|--------------------------------------------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

## DRP II



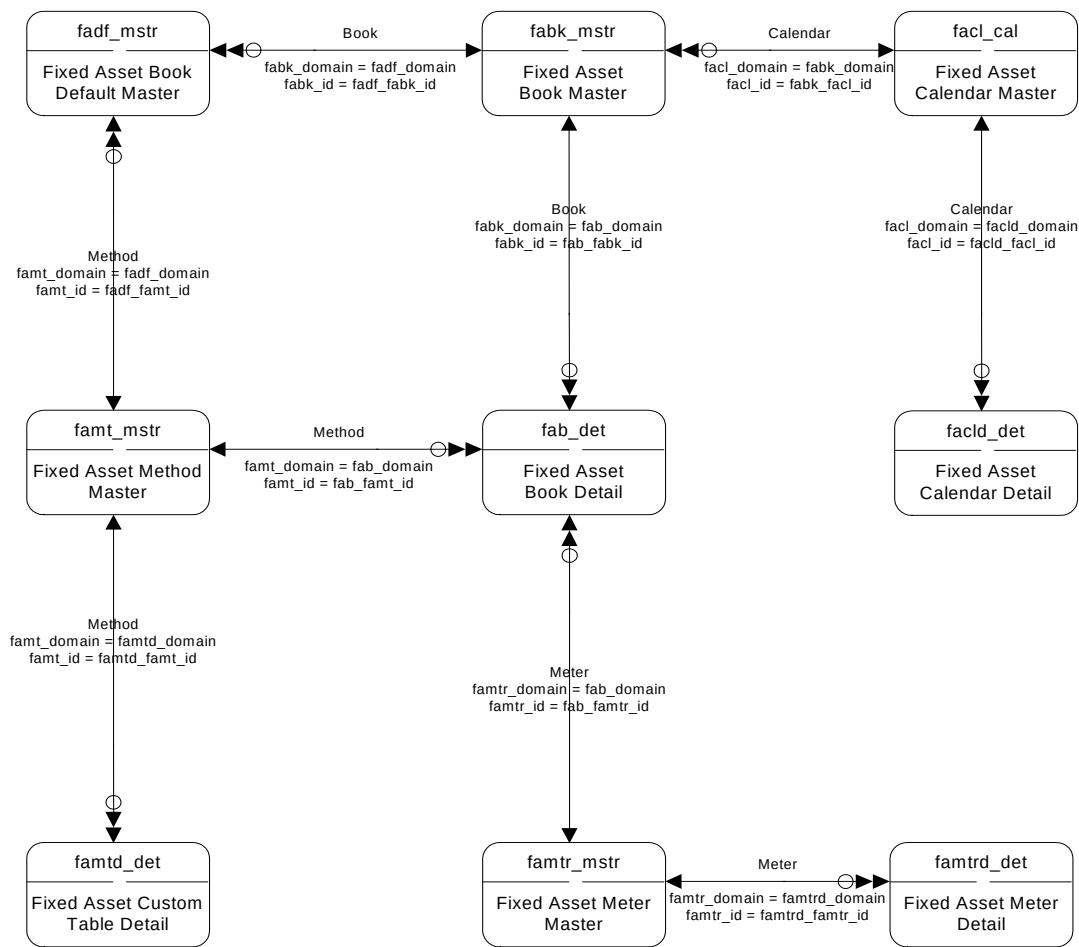
EMT – Primary Business Unit



|             |                        |                  |                  |                  |                        |
|-------------|------------------------|------------------|------------------|------------------|------------------------|
| 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          |

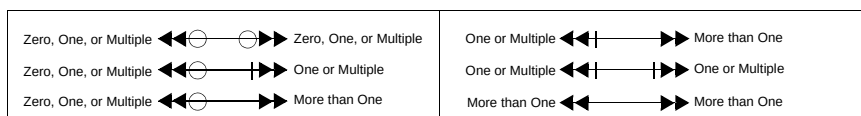
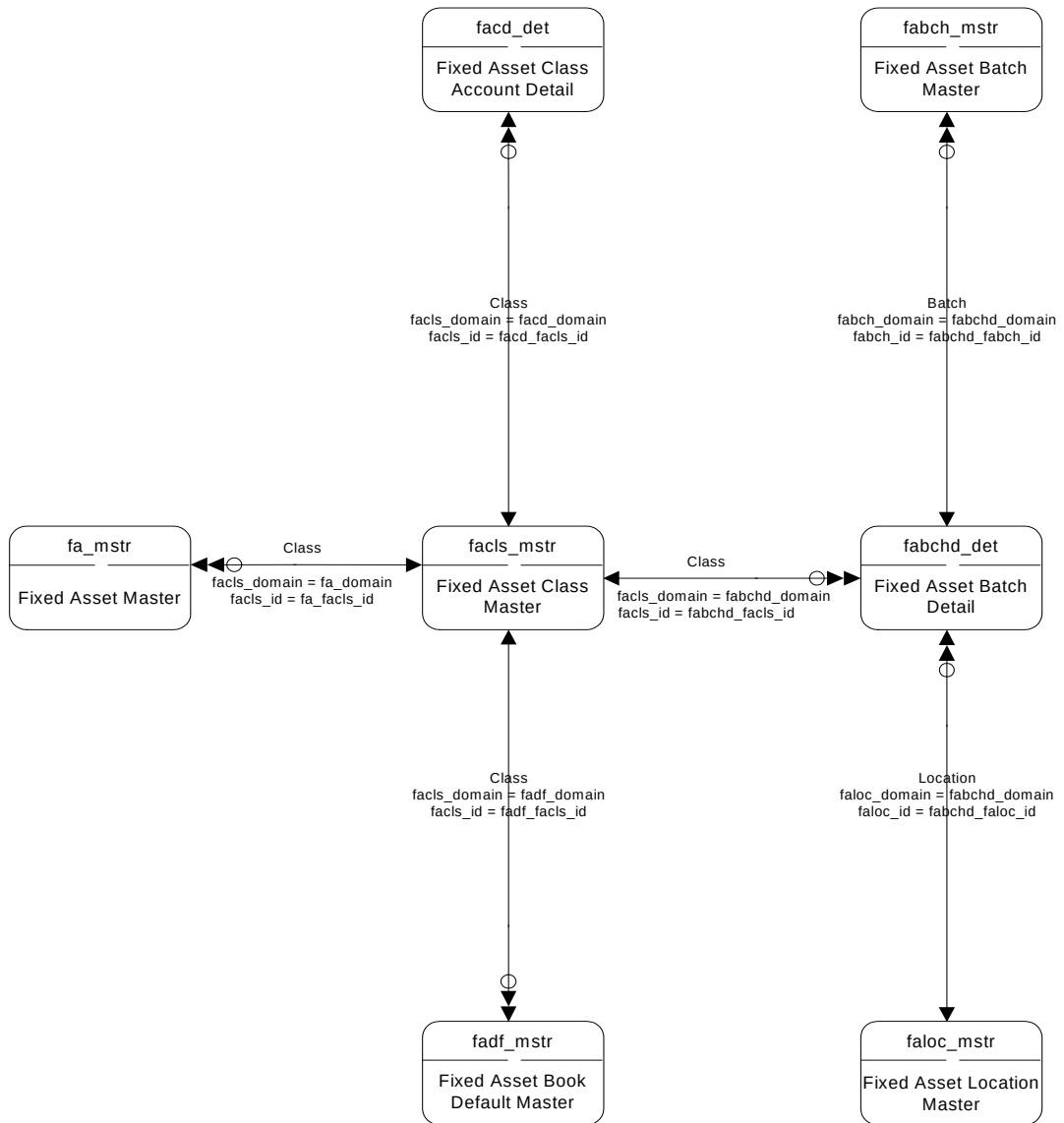


Fixed Assets I

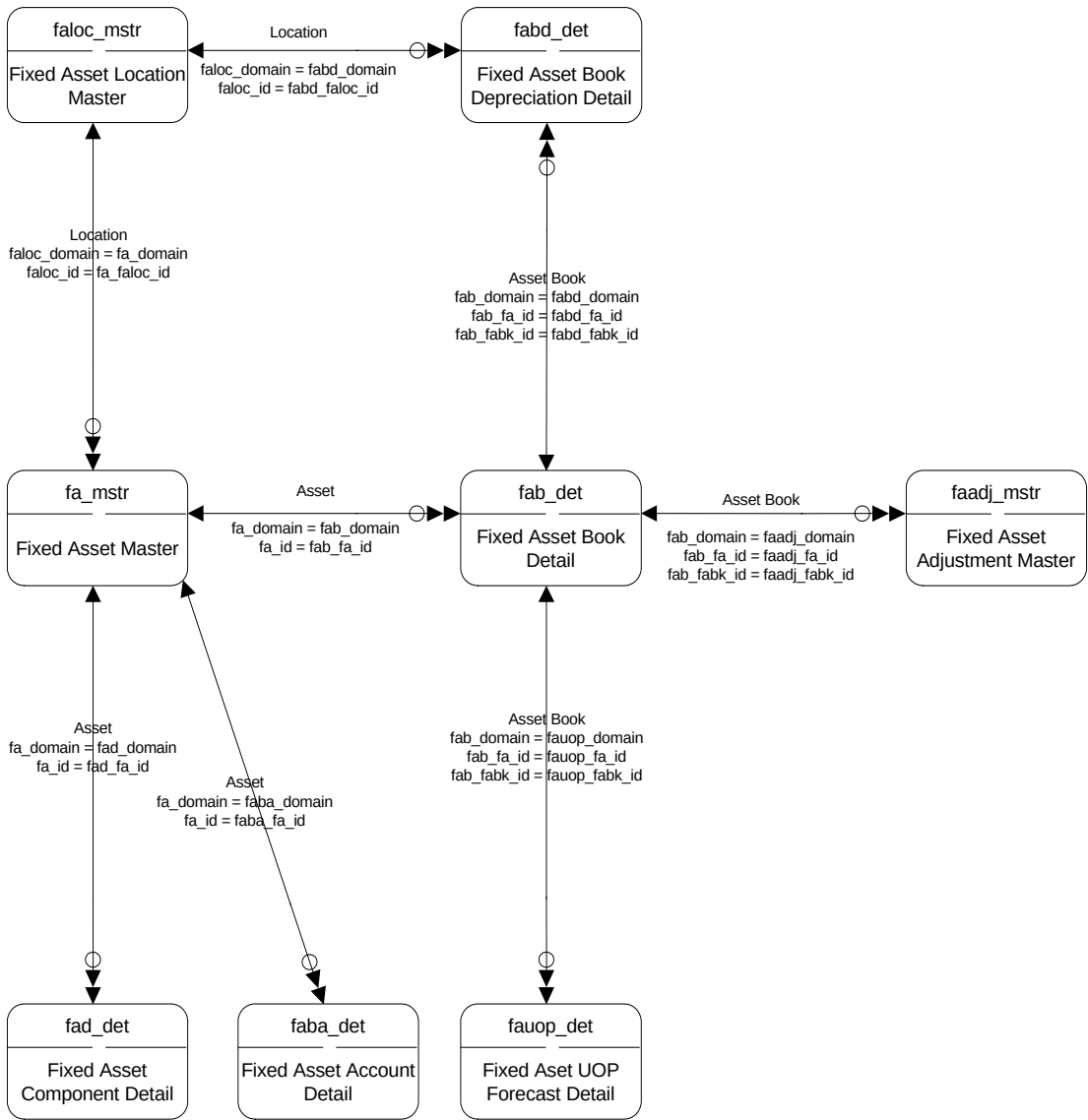


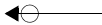
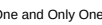
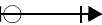
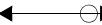
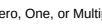
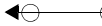
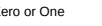
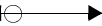
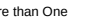
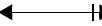
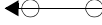
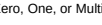
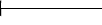
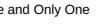
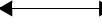
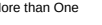
|             |                        |                  |                  |                  |                        |
|-------------|------------------------|------------------|------------------|------------------|------------------------|
| Zero or One | One and Only One       | Zero or One      | 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          |

## Fixed Assets II



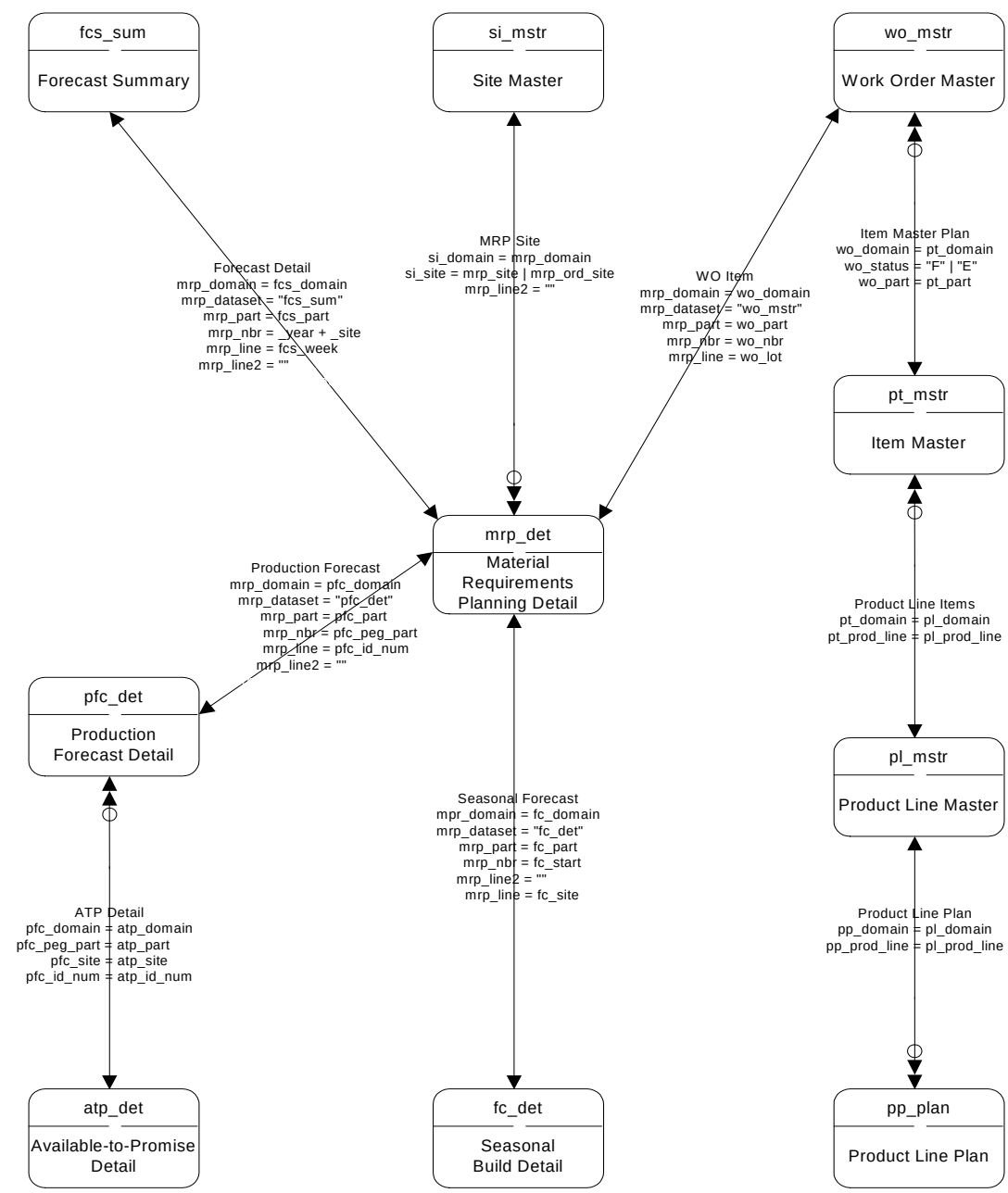
Fixed Assets III



|                                                                                                 |                                                                                                            |                                                                                                      |                                                                                                      |                                                                                                        |                                                                                                              |
|-------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| 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           |

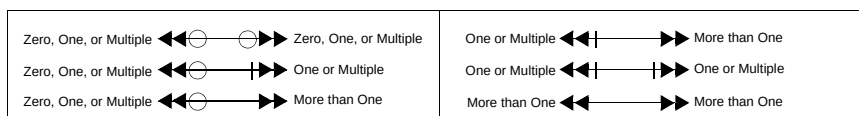
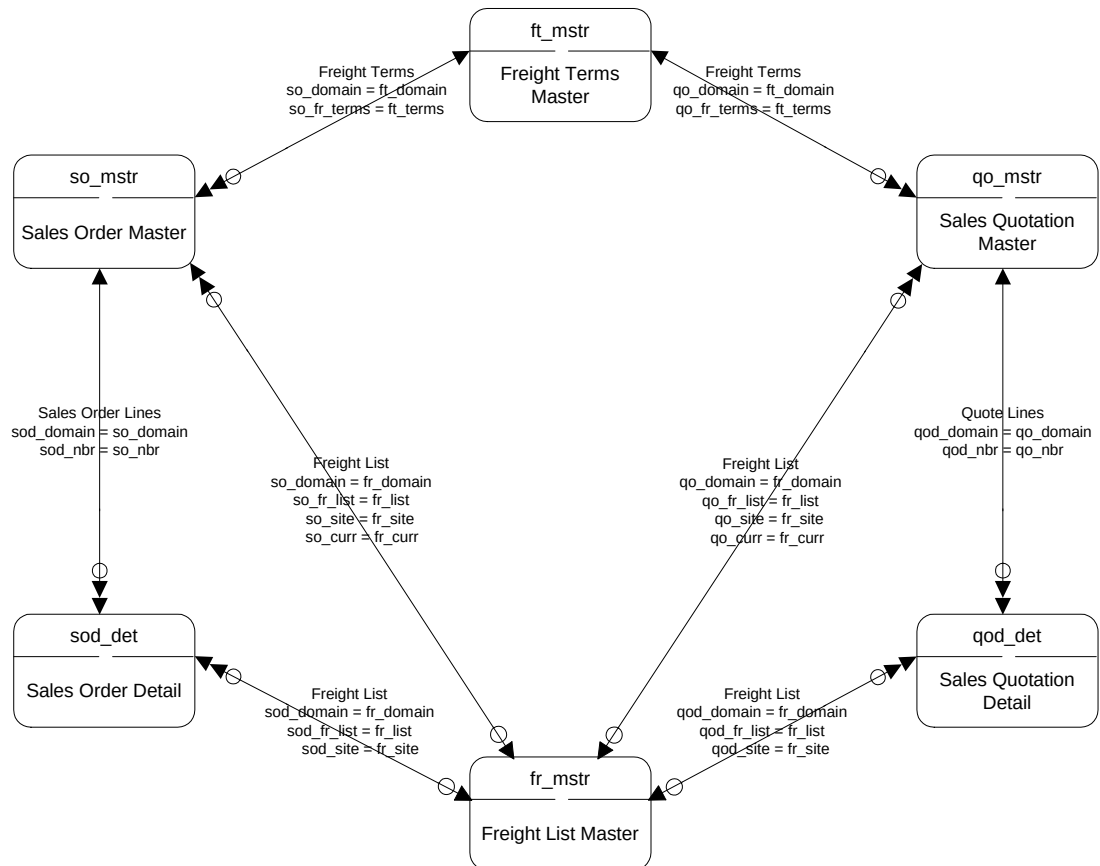


Forecasting/Planning

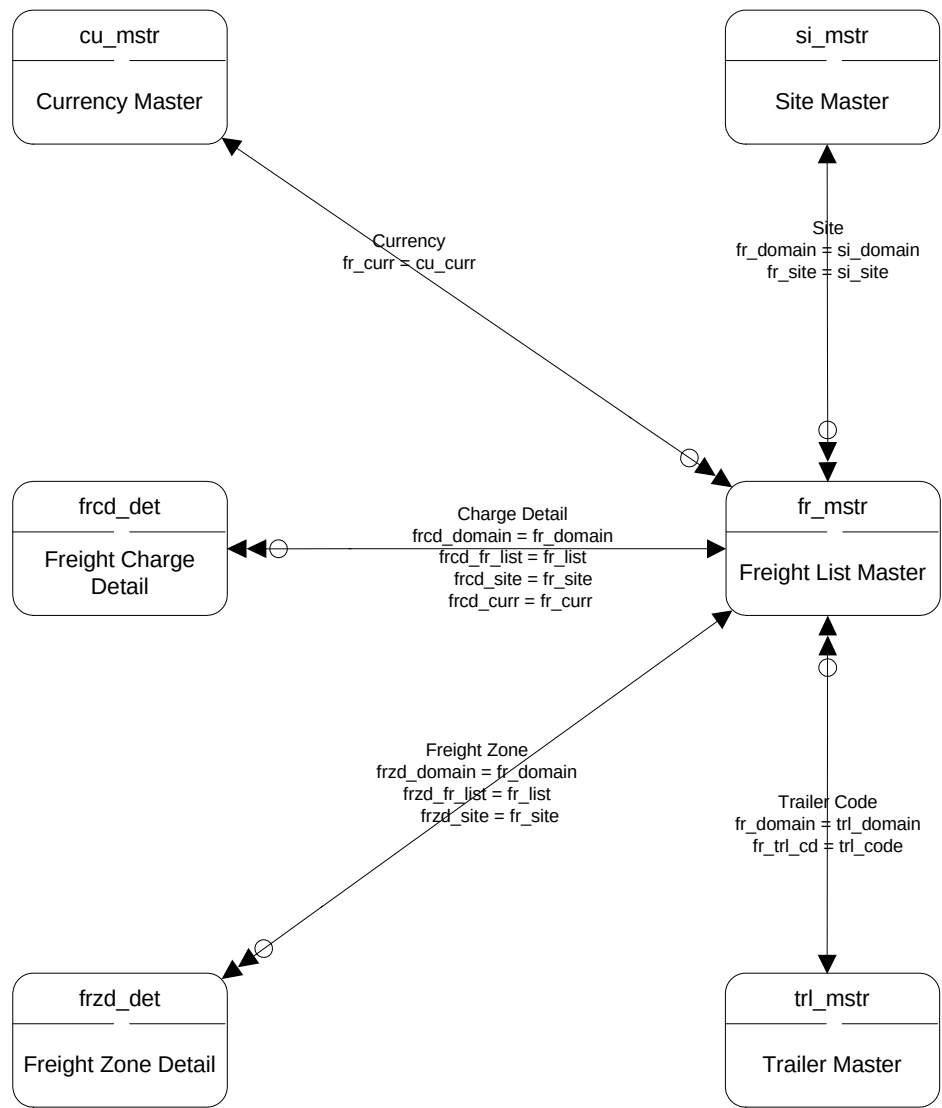


|             |                        |                  |                  |                  |                        |
|-------------|------------------------|------------------|------------------|------------------|------------------------|
| Zero or One | One and Only One       | Zero or One      | 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          |

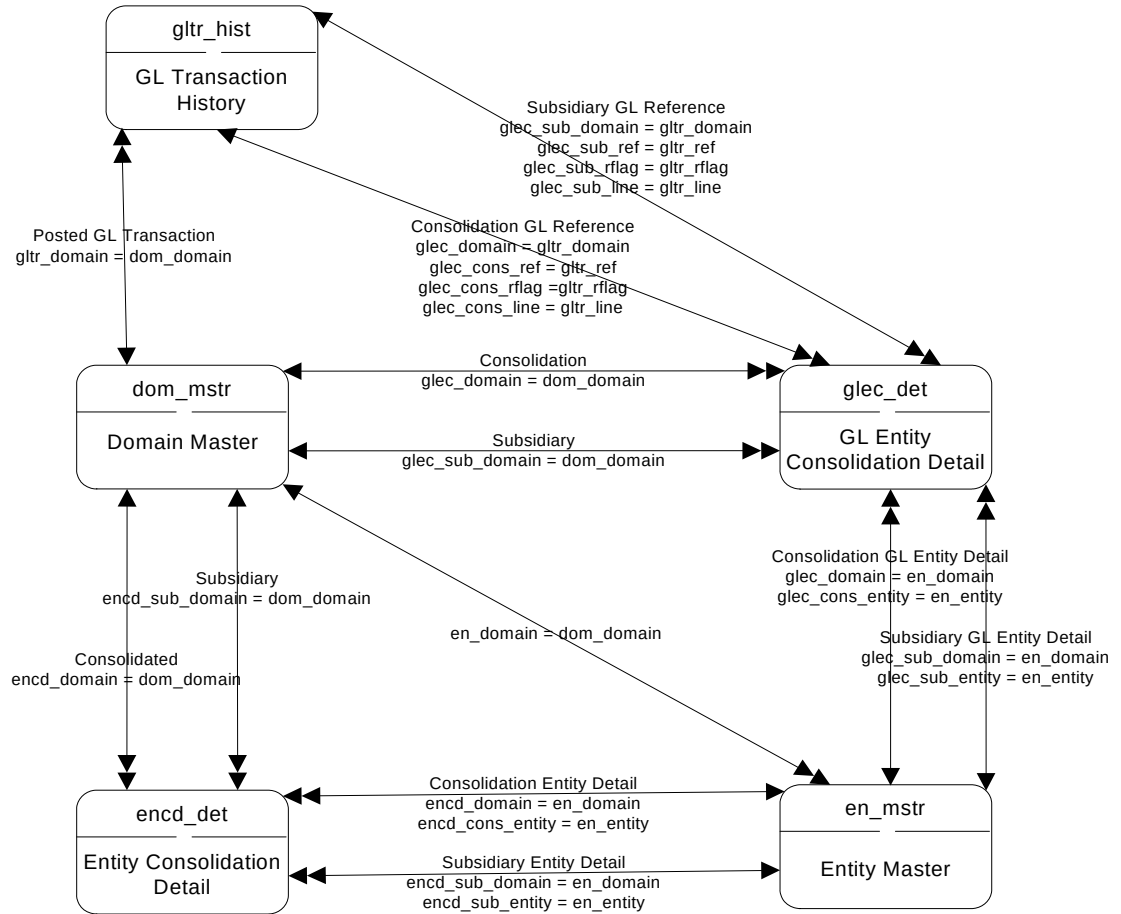
## Freight Charges I



Freight Charges II

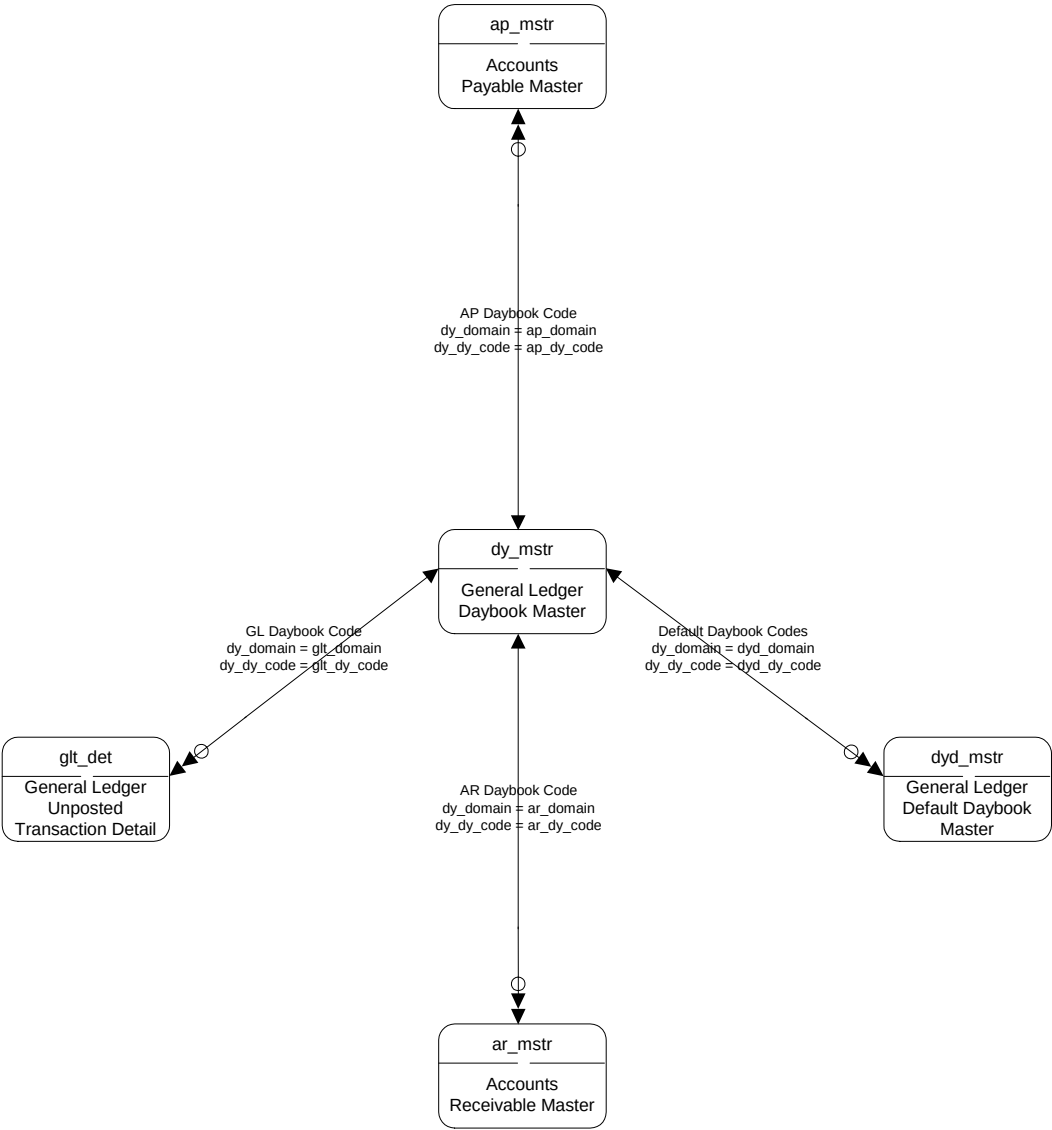


# General Ledger Consolidation



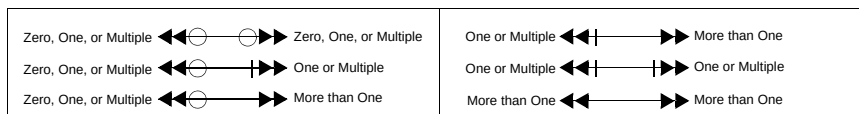
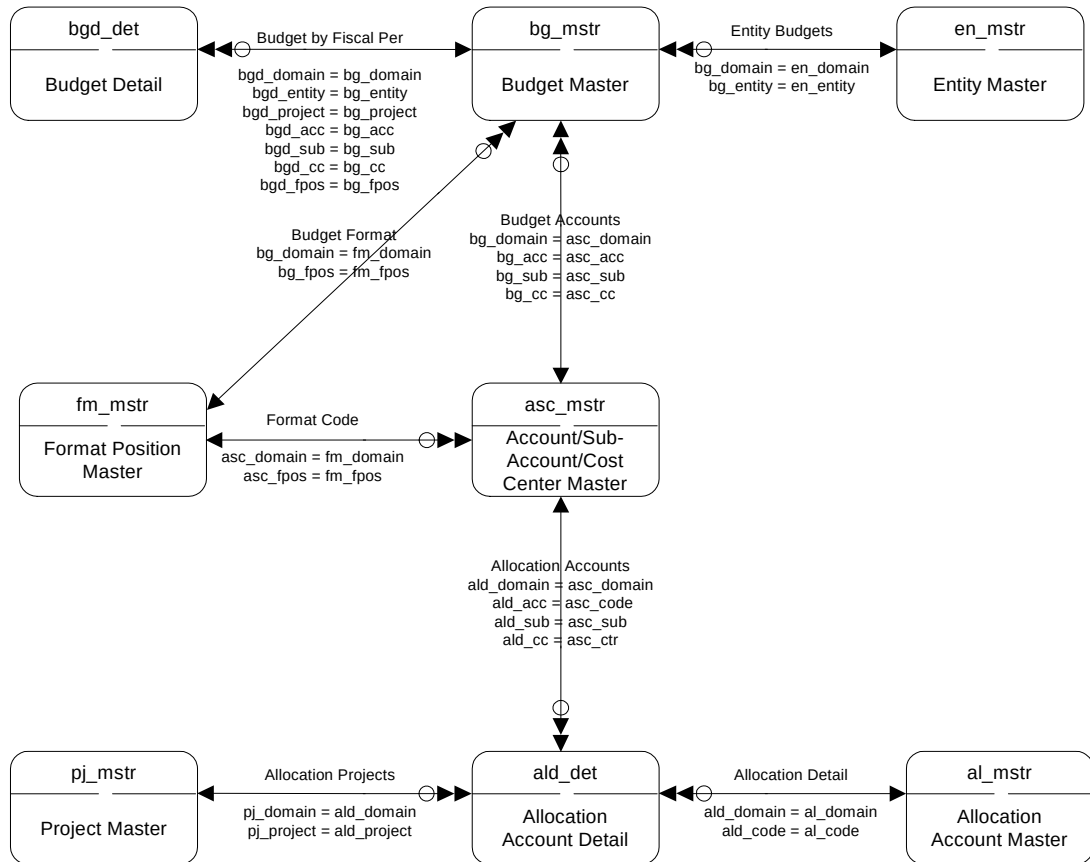
|                        |                        |                 |                 |
|------------------------|------------------------|-----------------|-----------------|
| Zero, One, or Multiple | Zero, One, or Multiple | One or Multiple | More than One   |
| Zero, One, or Multiple | One or Multiple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

# General Ledger Daybooks

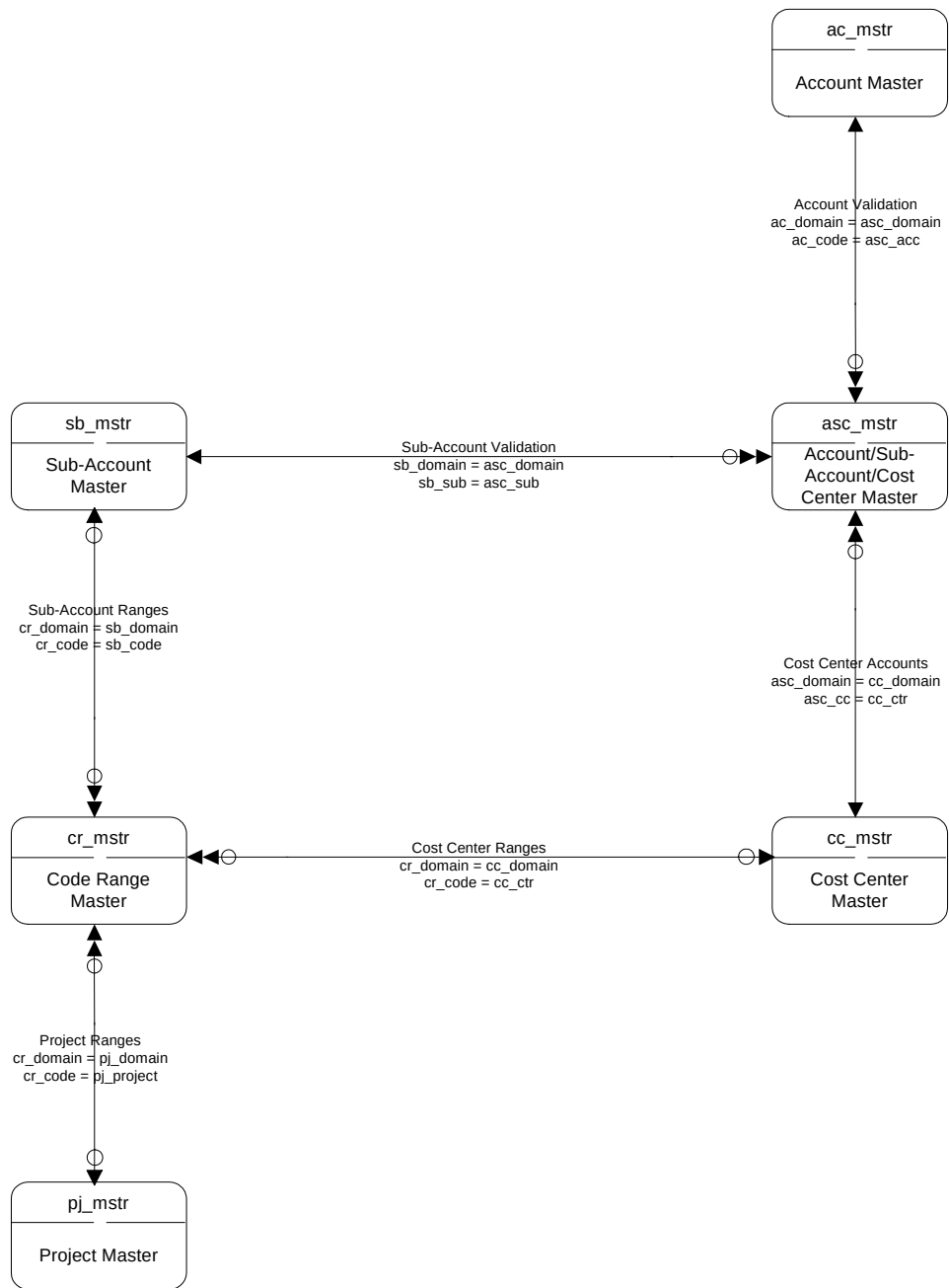


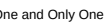
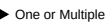
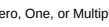
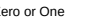
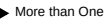
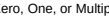
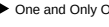
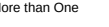
|             |                        |                  |                  |                  |                        |
|-------------|------------------------|------------------|------------------|------------------|------------------------|
| Zero or One | One and Only One       | Zero or One  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

## General Ledger Master I

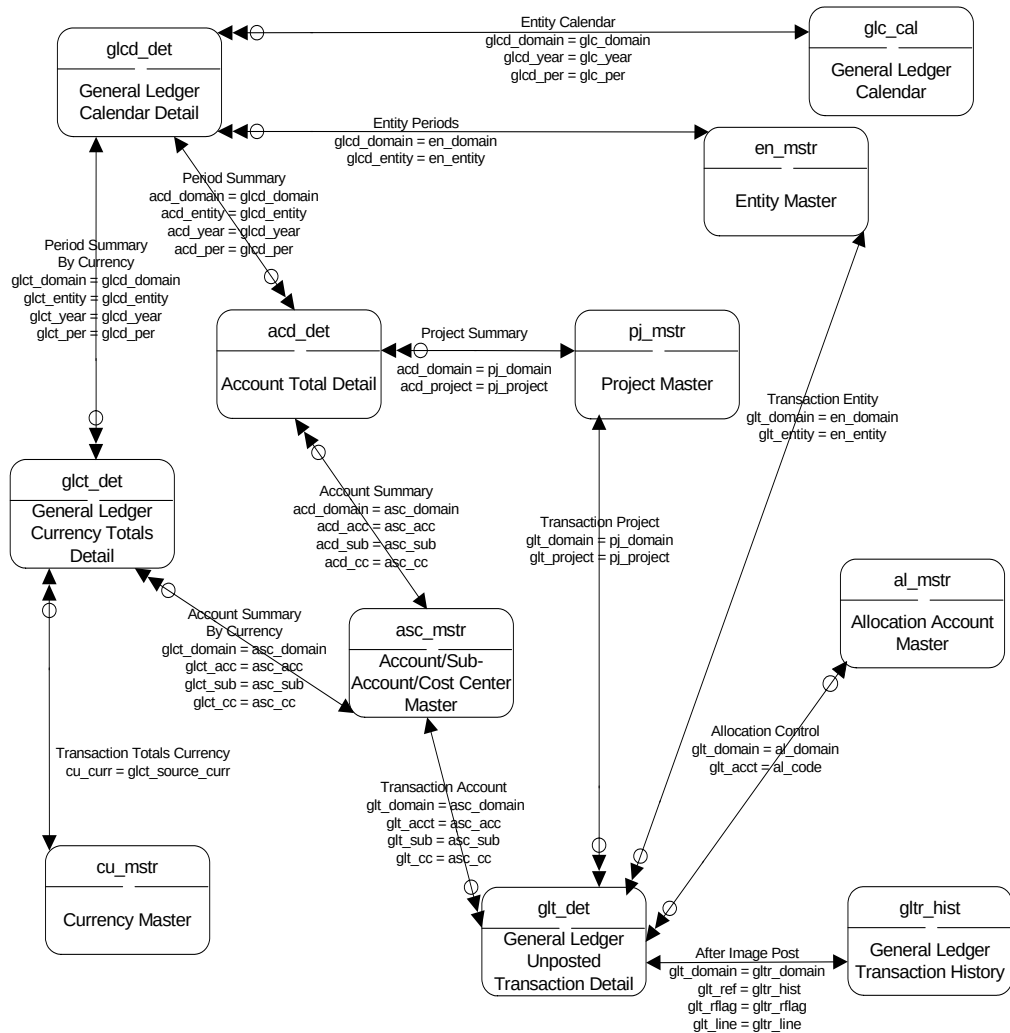


General Ledger Master II



|                                                                                                 |                                                                                                            |                                                                                                      |                                                                                                      |                                                                                                        |                                                                                                              |
|-------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| 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           |

## General Ledger Transactions



Zero, One, or Multiple

Zero, One, or Multiple

Zero, One, or Multiple

One or Multiple

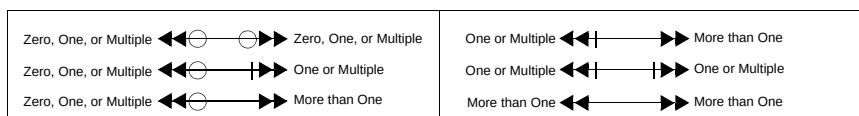
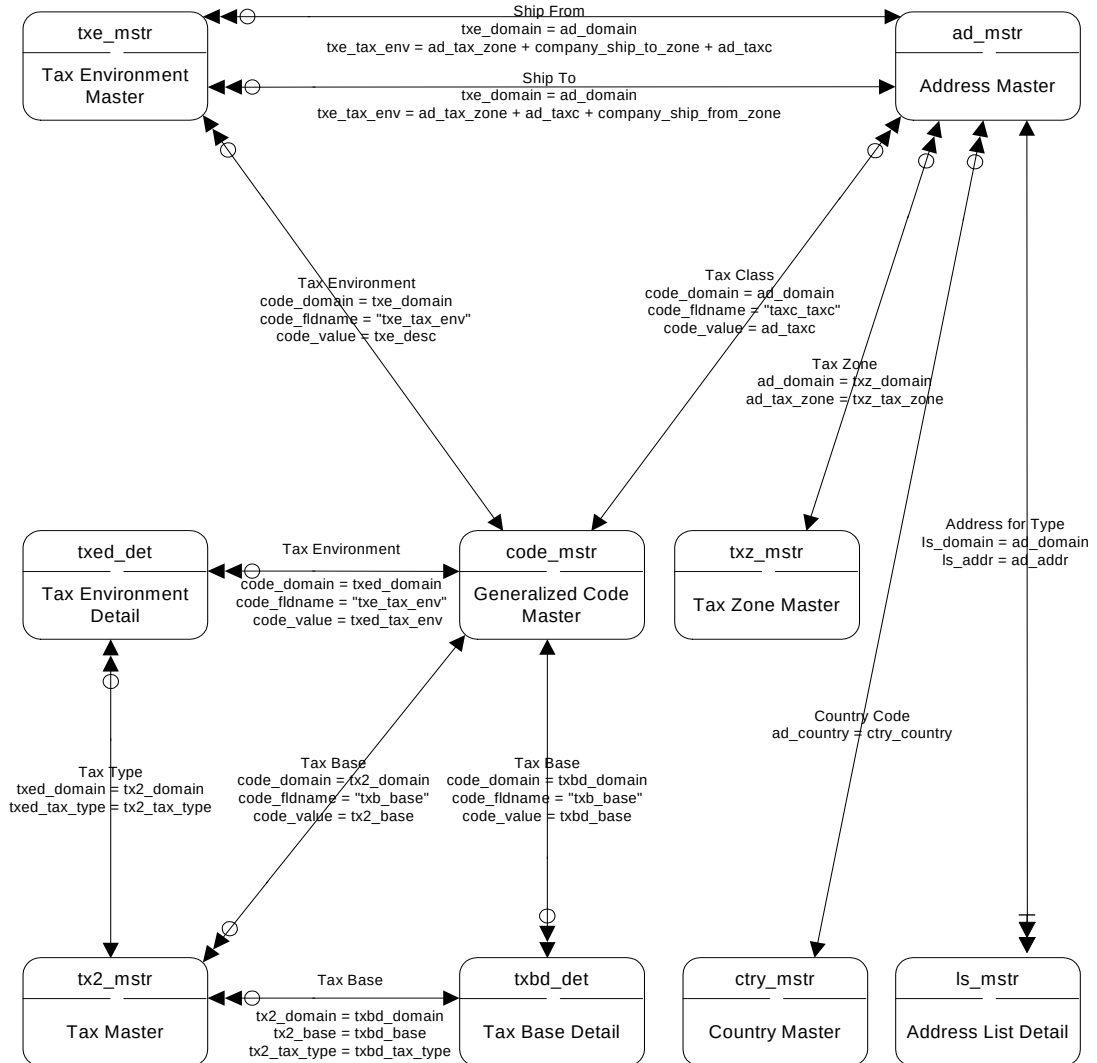
One or Multiple

One or Multiple

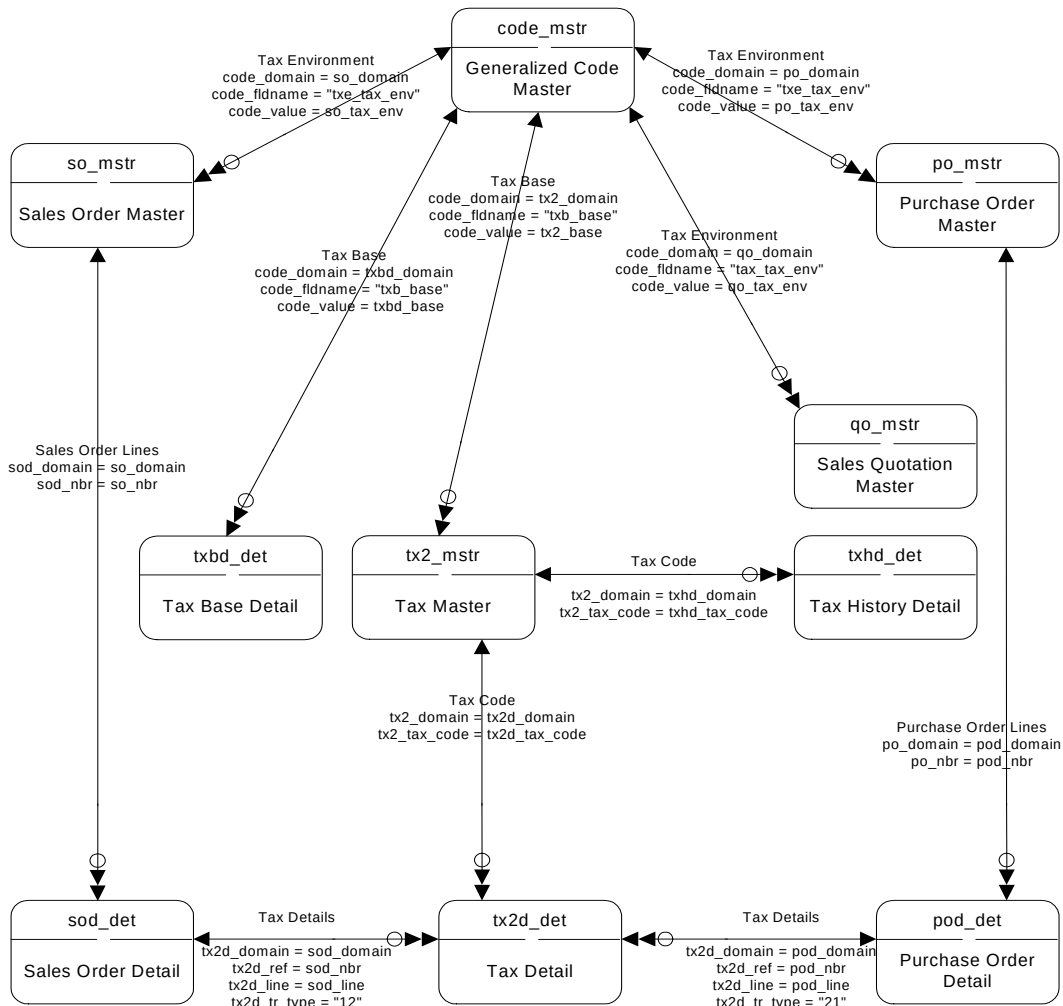
More than One



## GTM Master Data

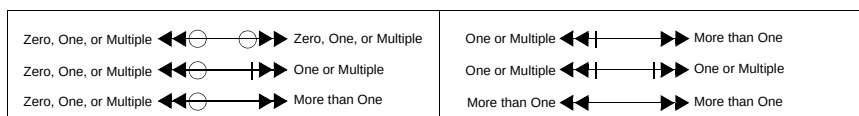
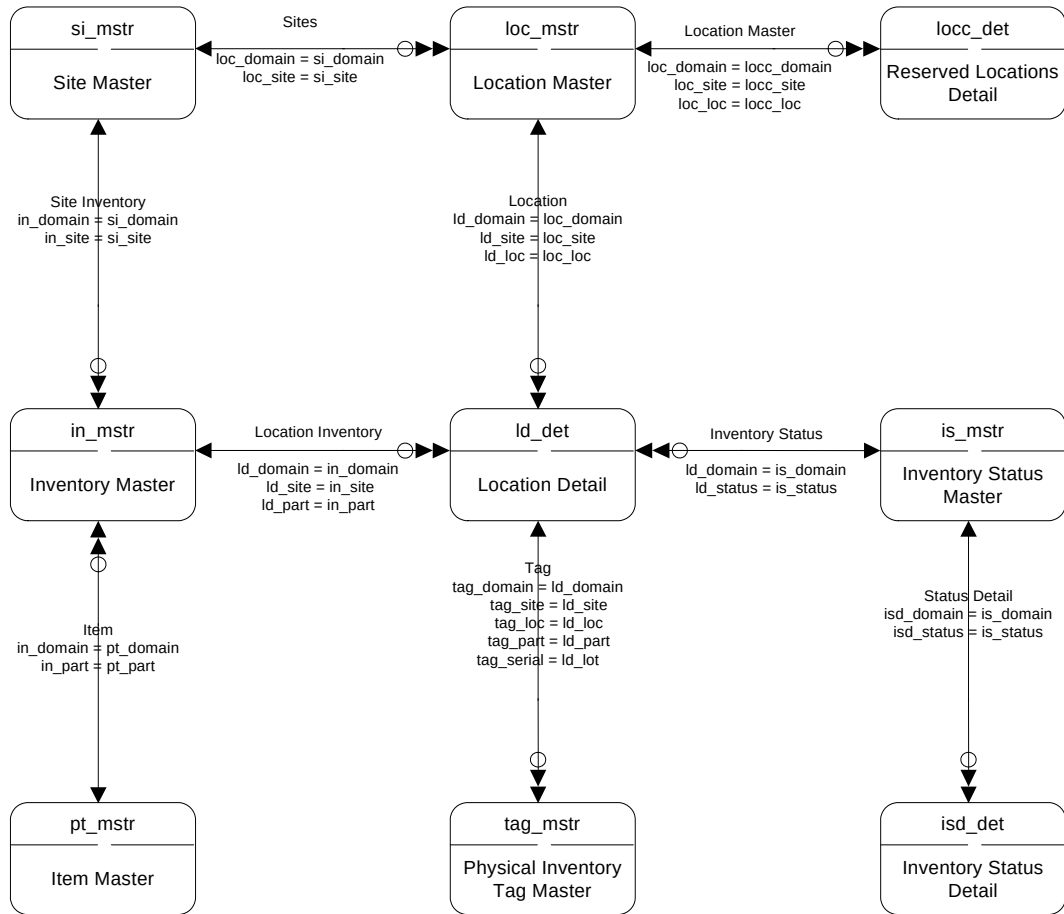


GTM Transactions

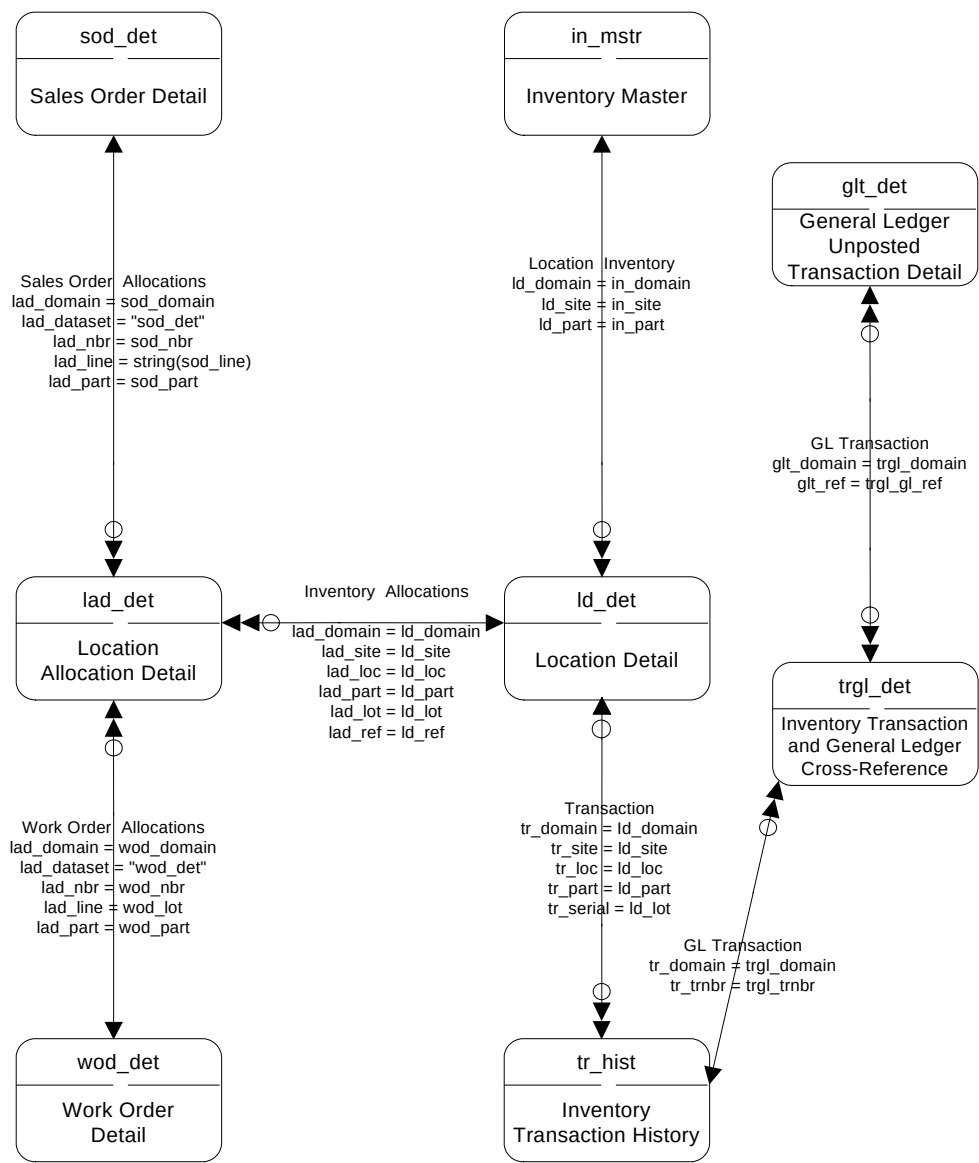


|             |                        |                  |                  |                  |                        |
|-------------|------------------------|------------------|------------------|------------------|------------------------|
| Zero or One | One and Only One       | Zero or One      | 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          |

## Inventory I



Inventory II



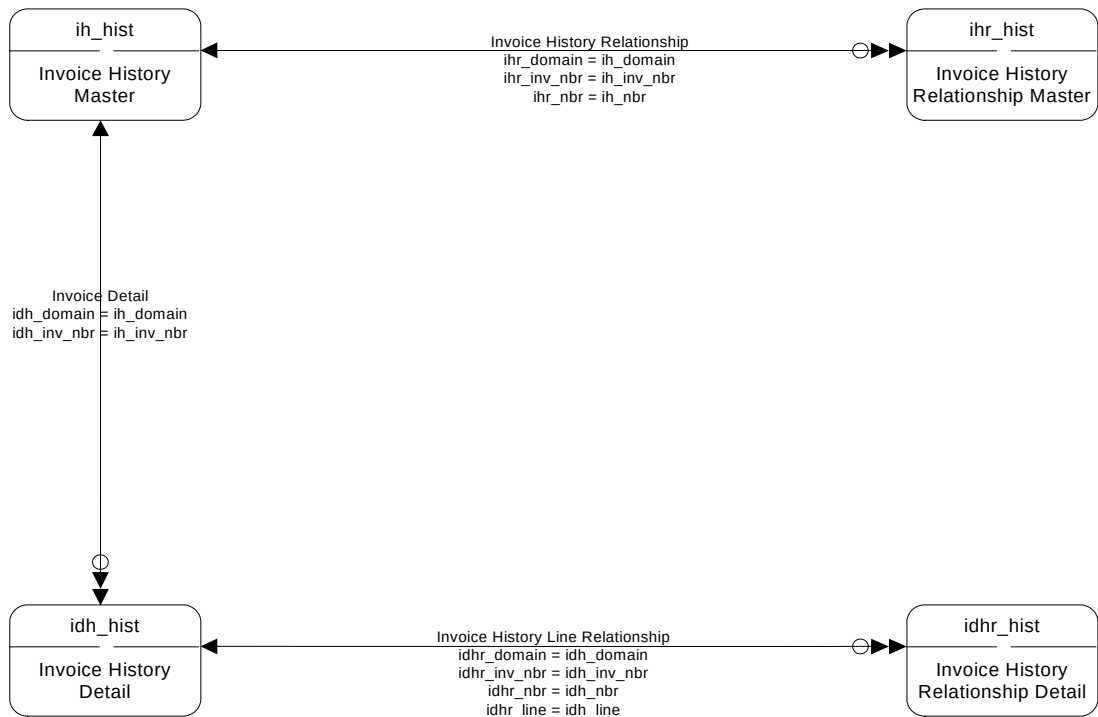
|             |                        |                  |                  |                  |                        |
|-------------|------------------------|------------------|------------------|------------------|------------------------|
| Zero or One | One and Only One       | Zero or One      | 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          |

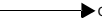
# Invoice History I



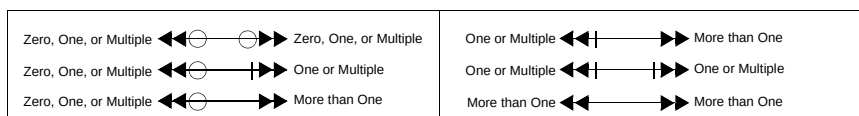
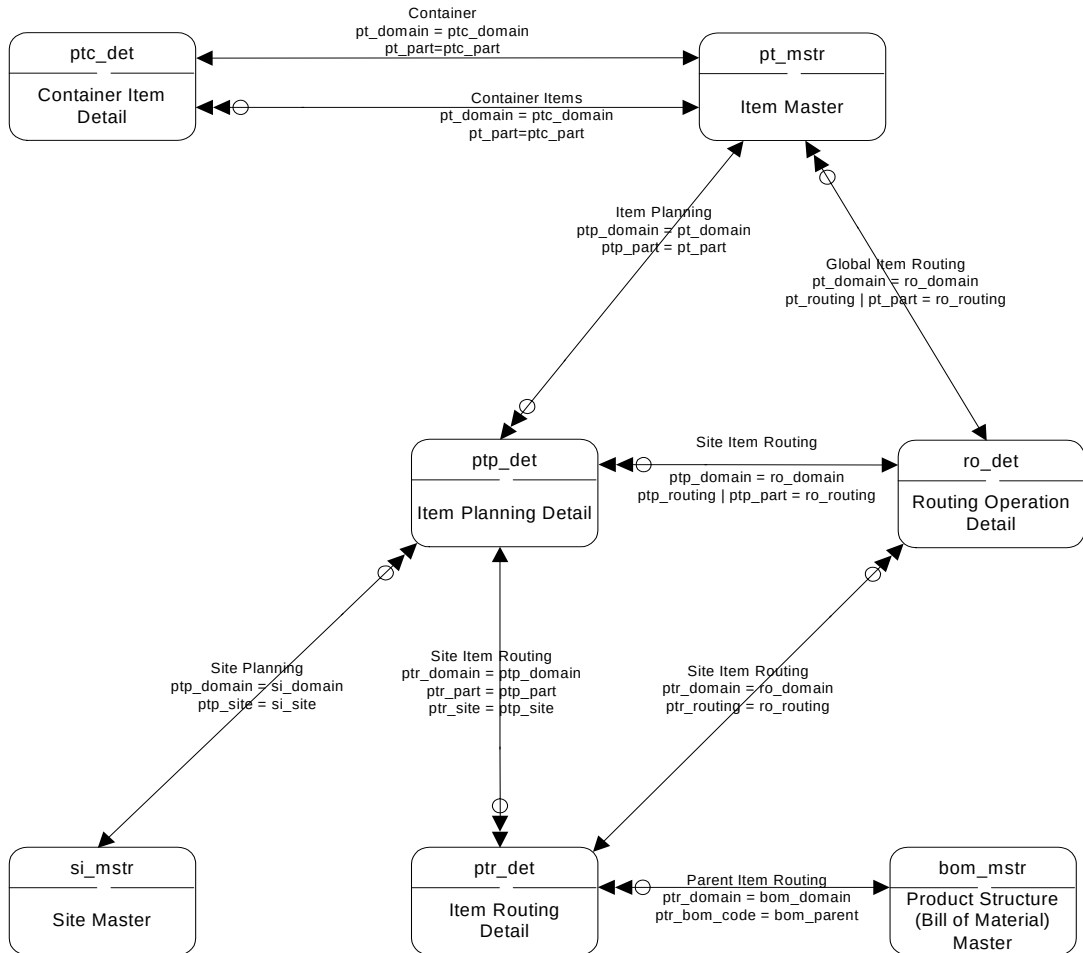
|                        |                        |                 |                 |
|------------------------|------------------------|-----------------|-----------------|
| Zero, One, or Multiple | Zero, One, or Multiple | One or Multiple | More than One   |
| Zero, One, or Multiple | One or Multiple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

Invoice History II

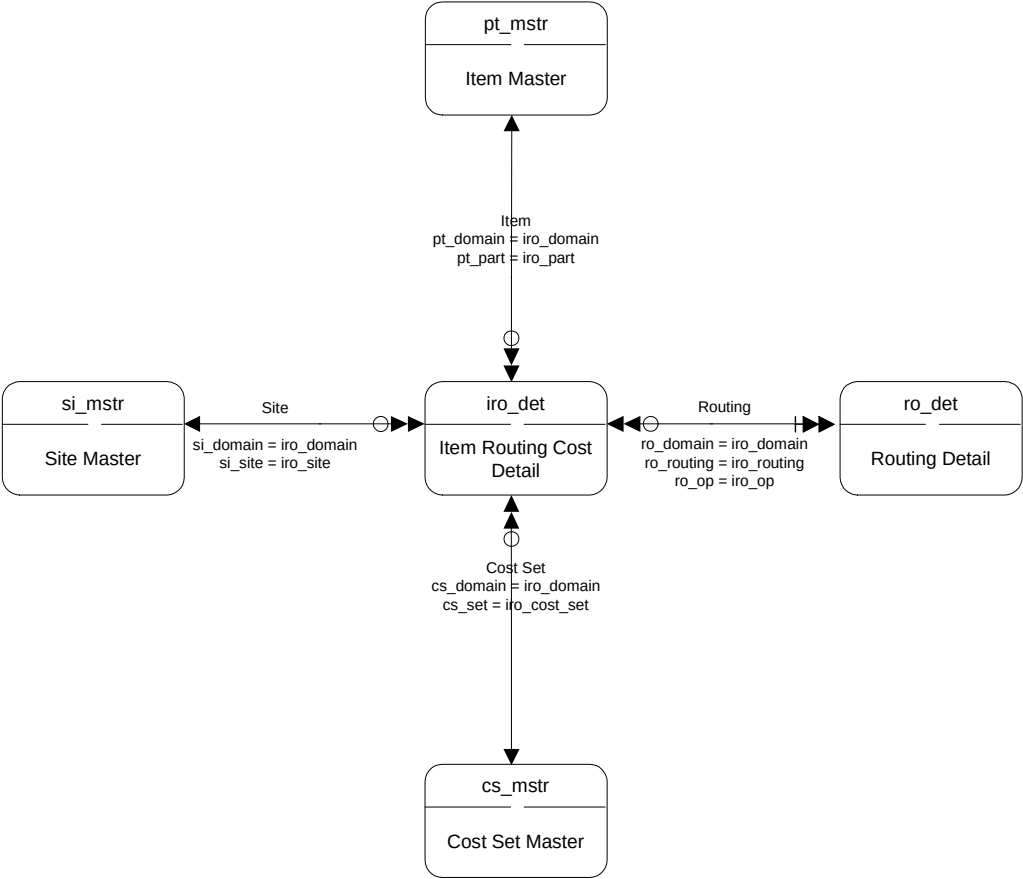


|                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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           |

## Item Routing I



Item Routing II

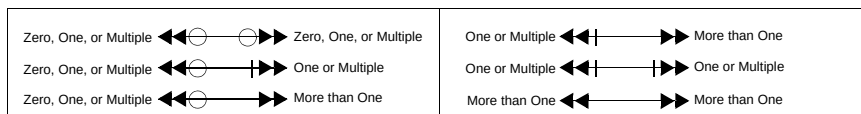
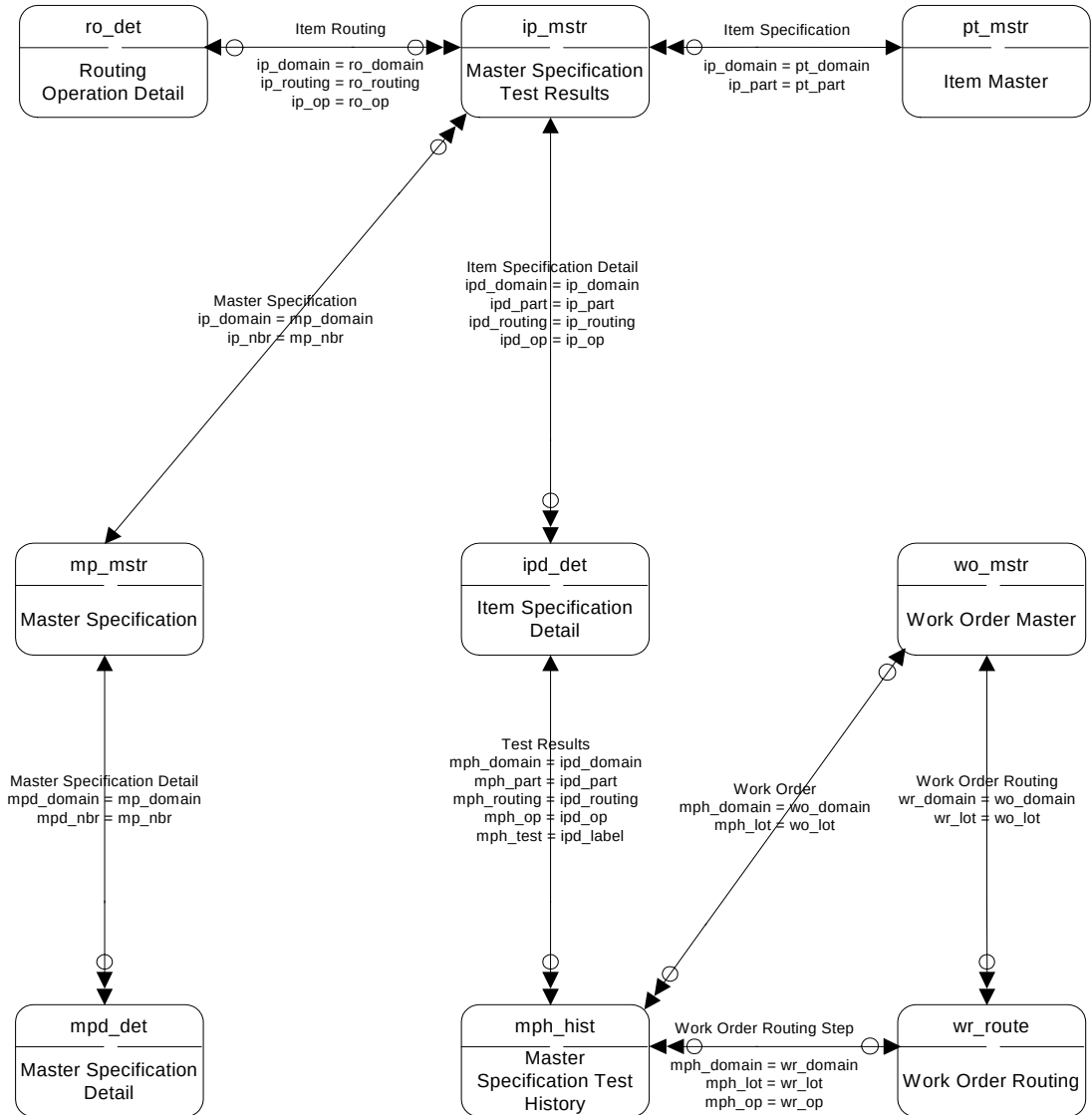


|                                                                                                 |                                                                                                            |
|-------------------------------------------------------------------------------------------------|--------------------------------------------------------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

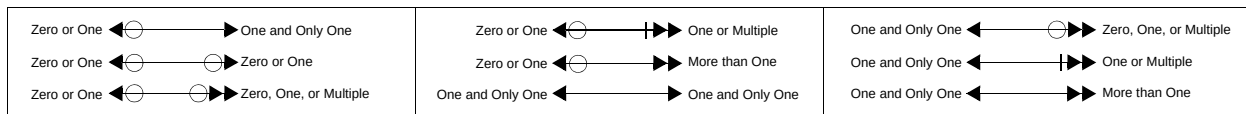
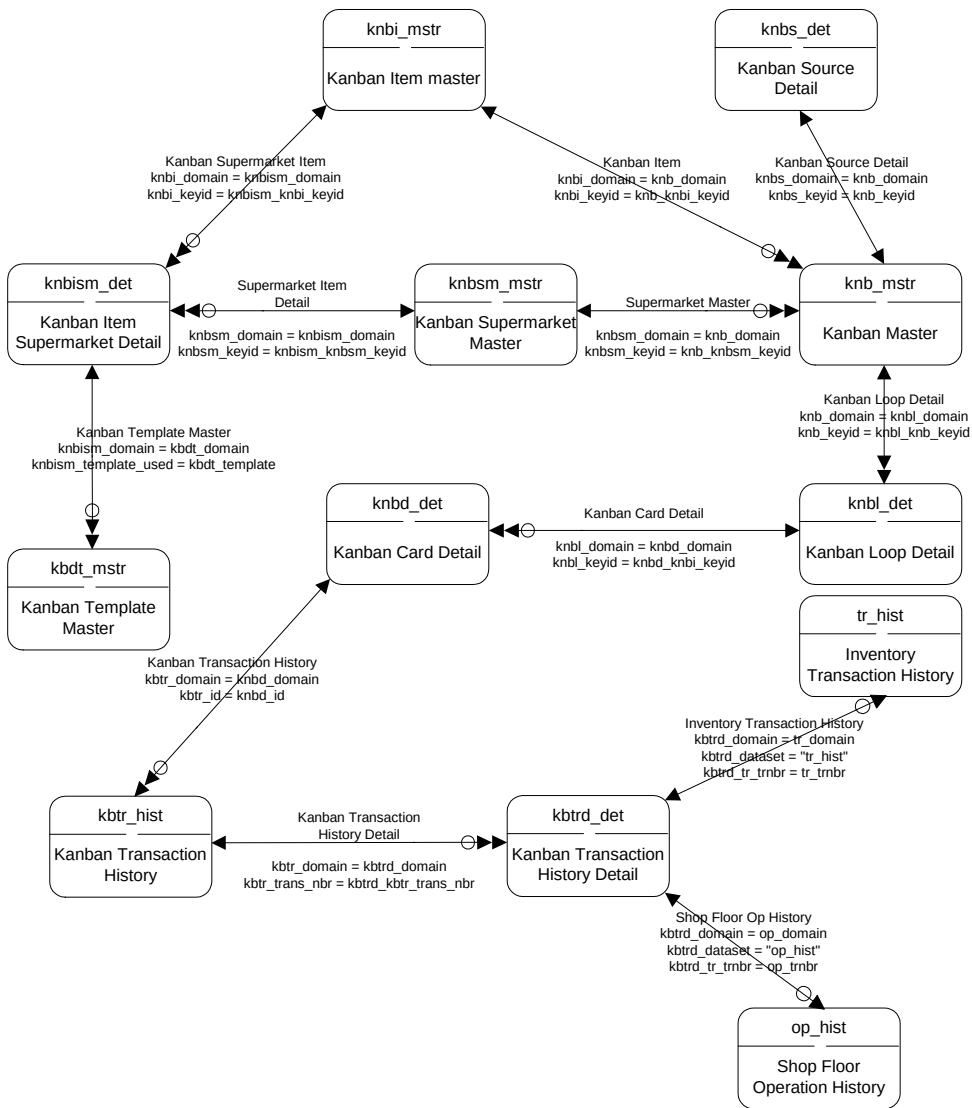
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|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| Zero or One       | One or Multiple  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

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

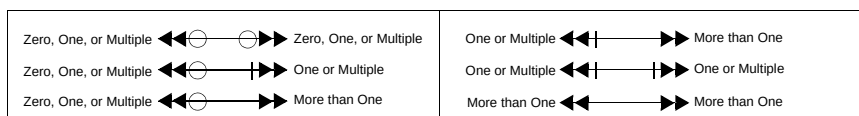
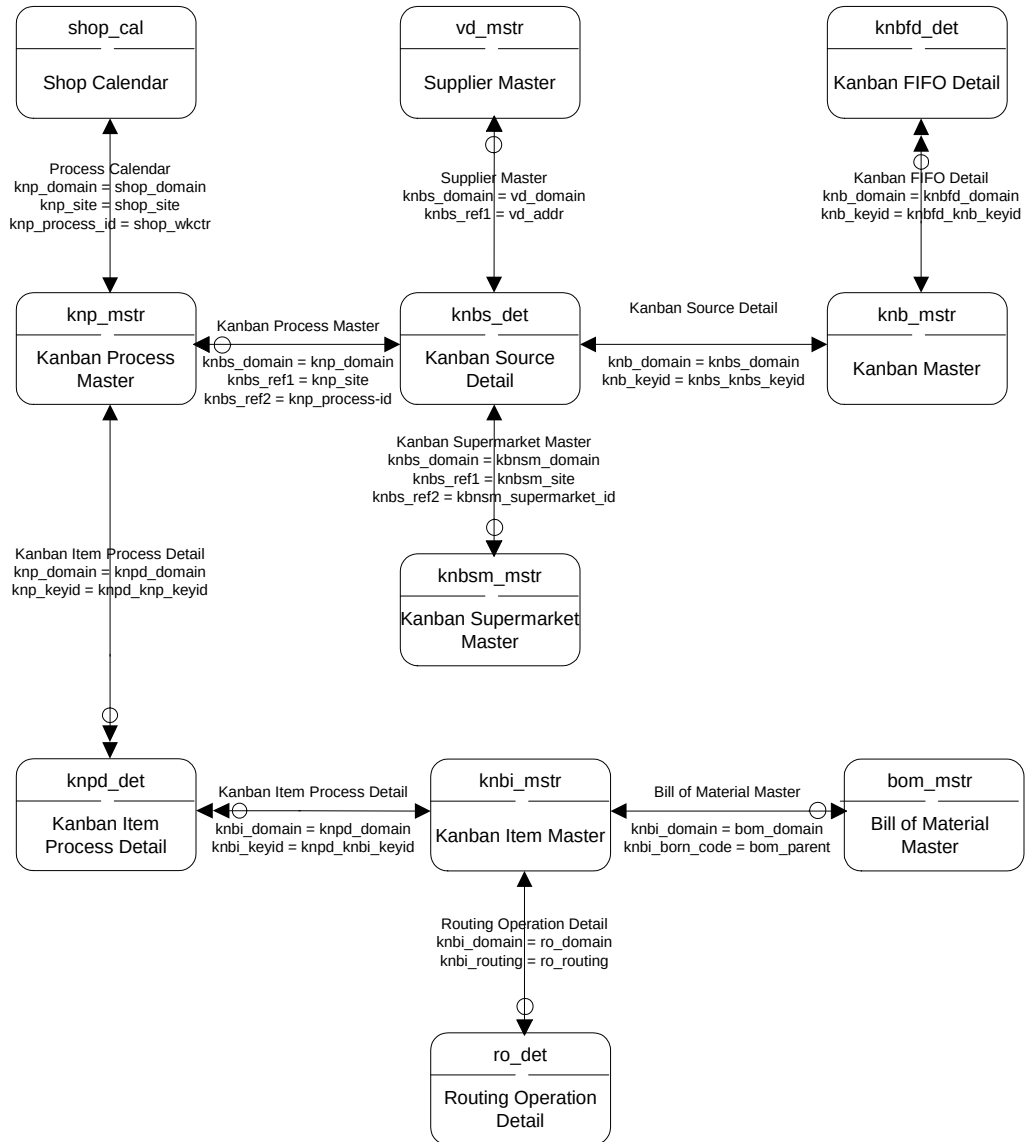
## Item Specification



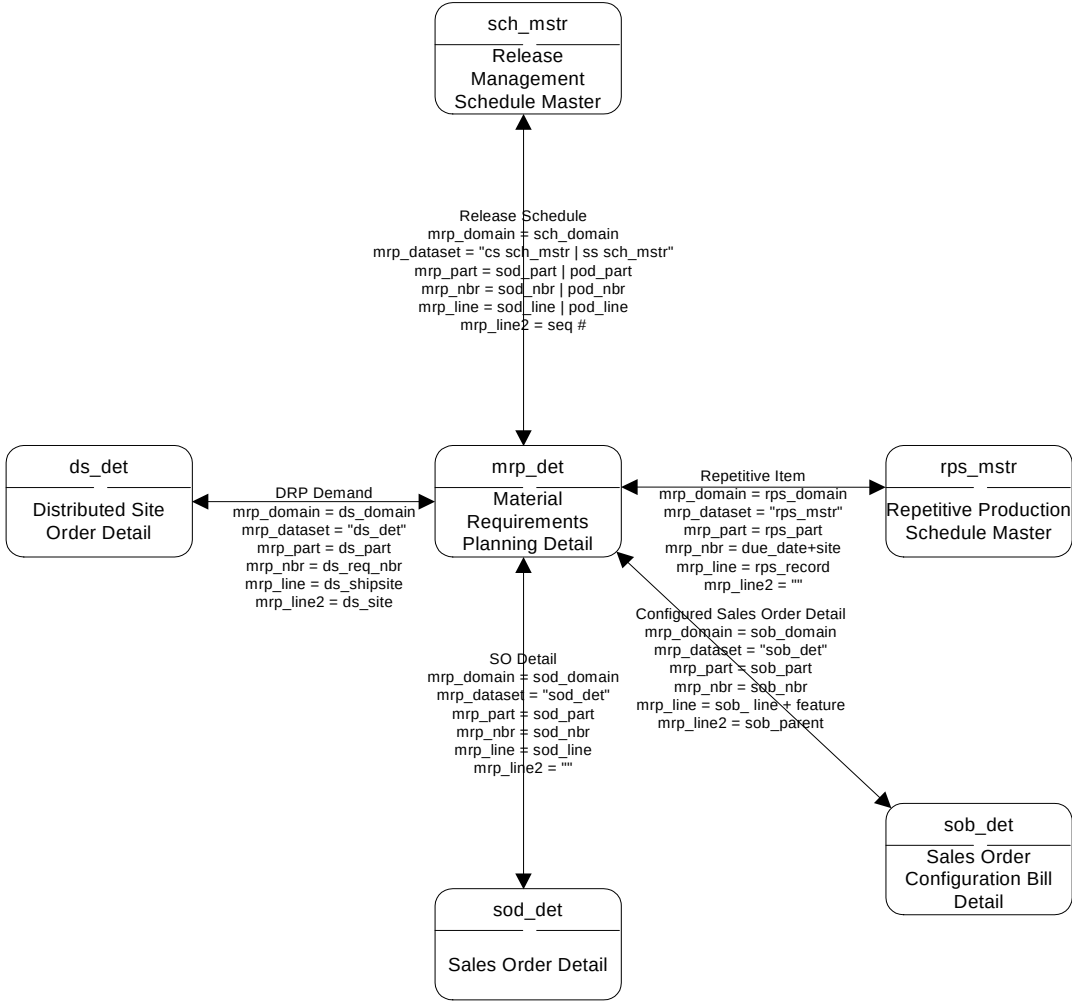
# Kanban Master



## Kanban Source



MRP I

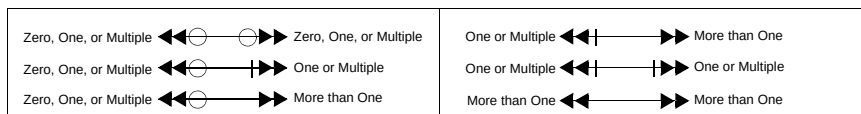
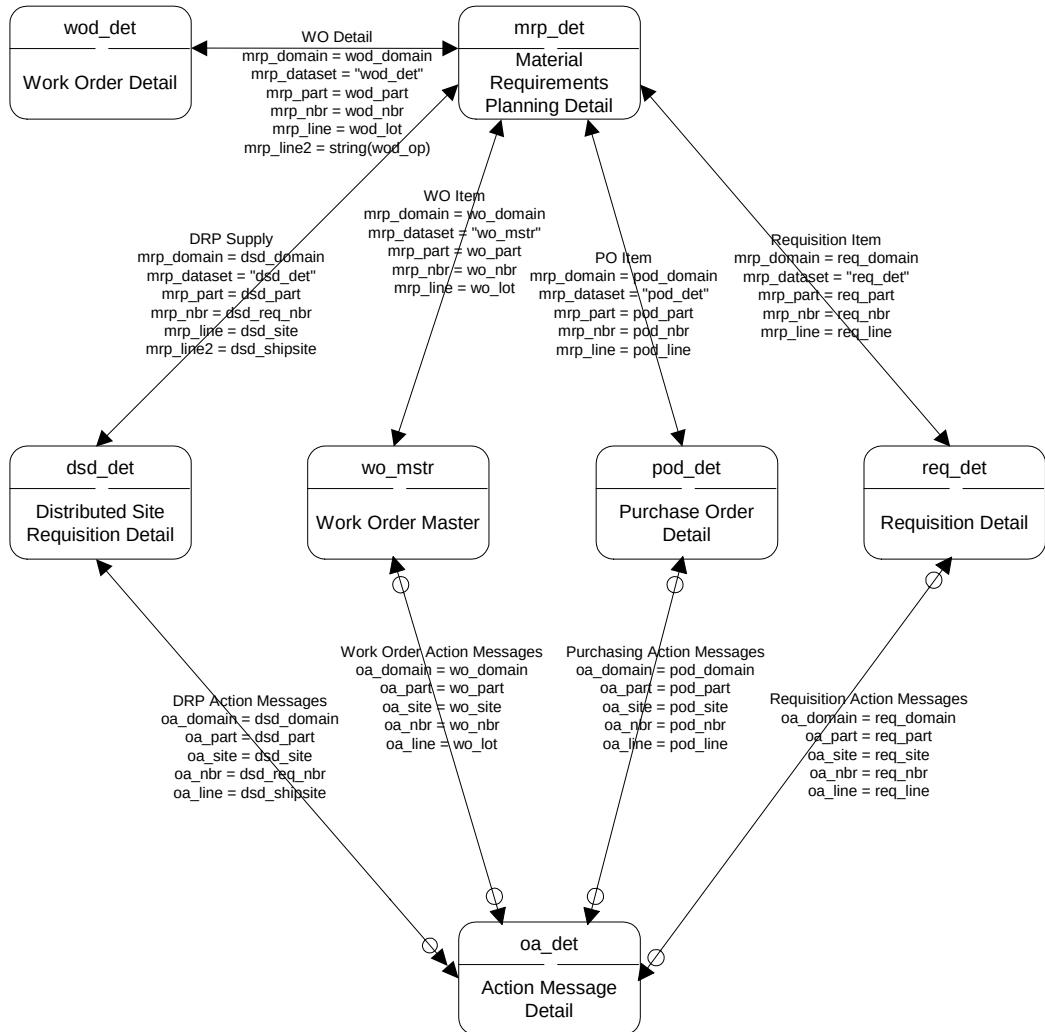


|                                                                                                 |                                                                                                            |
|-------------------------------------------------------------------------------------------------|--------------------------------------------------------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

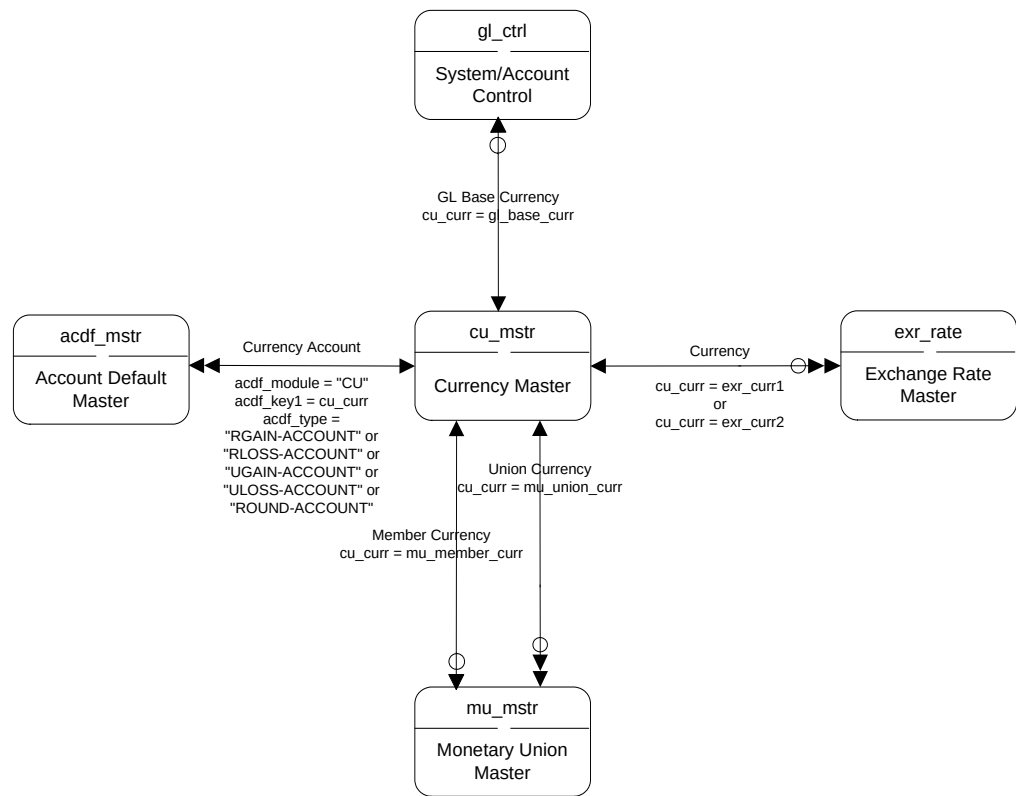
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|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| Zero or One       | One or Multiple  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

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

## MRP II



Multicurrency I

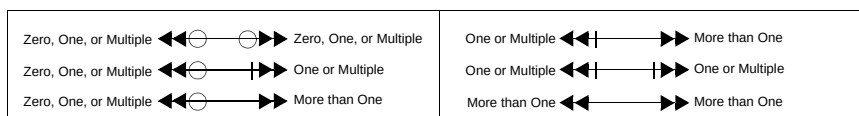
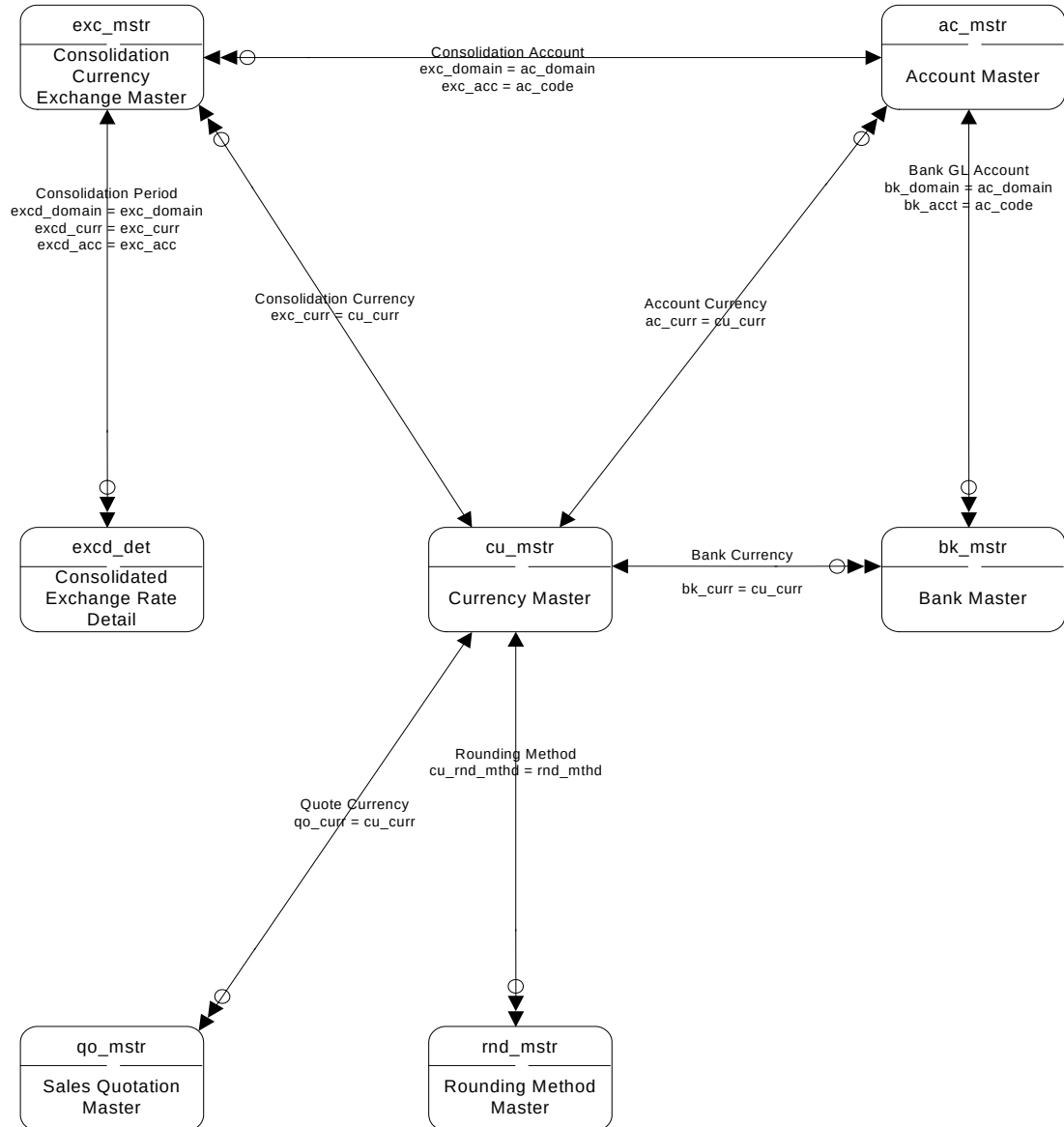


|                                                                                                 |                                                                                                            |
|-------------------------------------------------------------------------------------------------|--------------------------------------------------------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

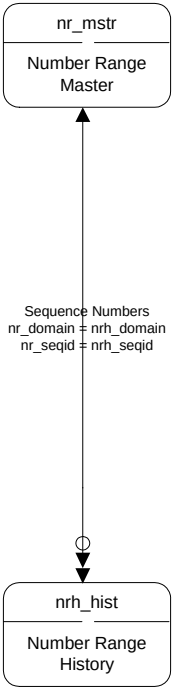
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|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| Zero or One       | One or Multiple  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

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

## Multicurrency II

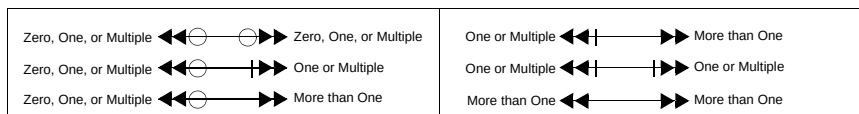
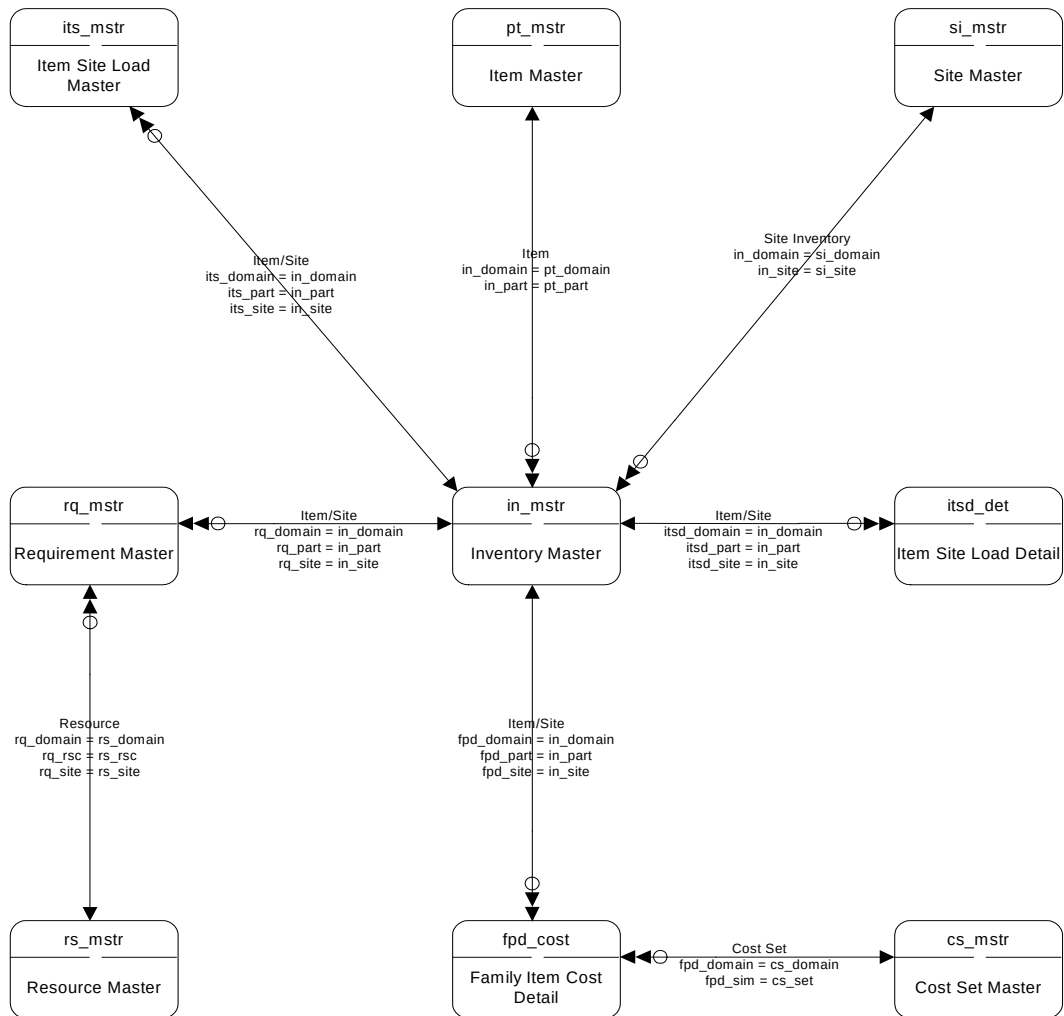


# Number Range Management

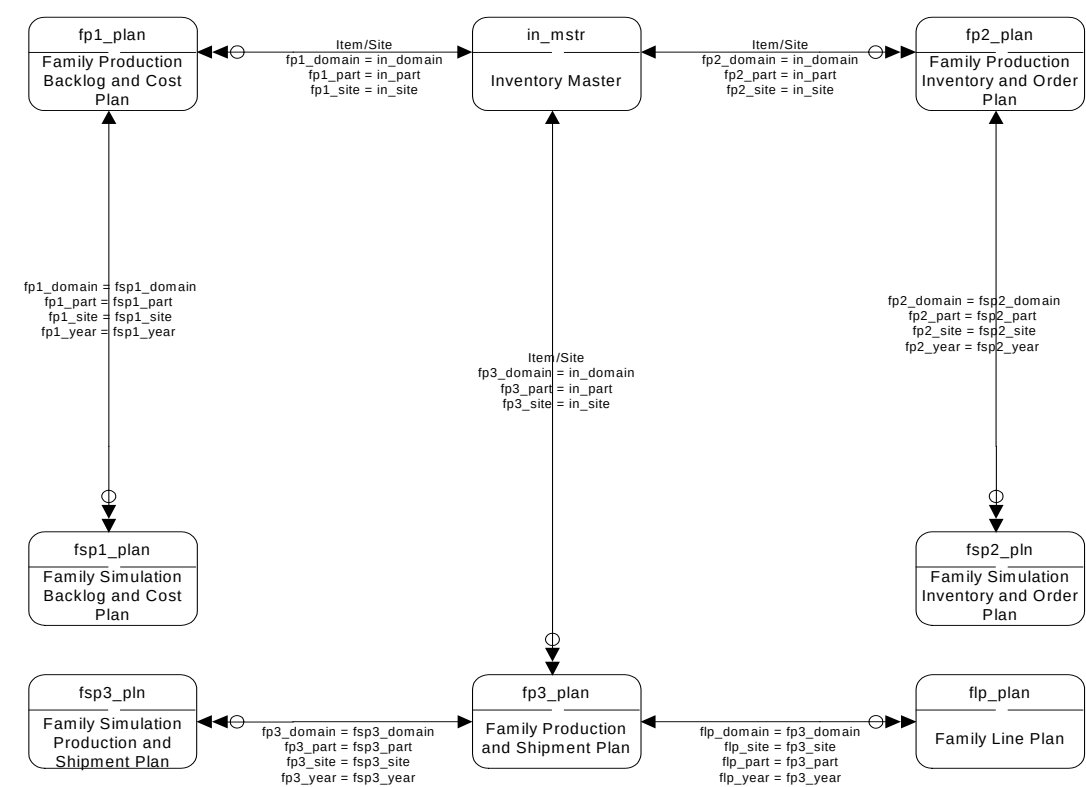


|                                                                                                                        |                                                                                                                       |                                                                                                                               |
|------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| 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          |

# Operations Planning I

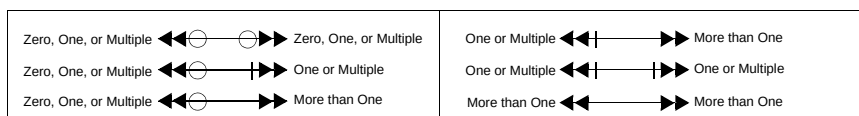
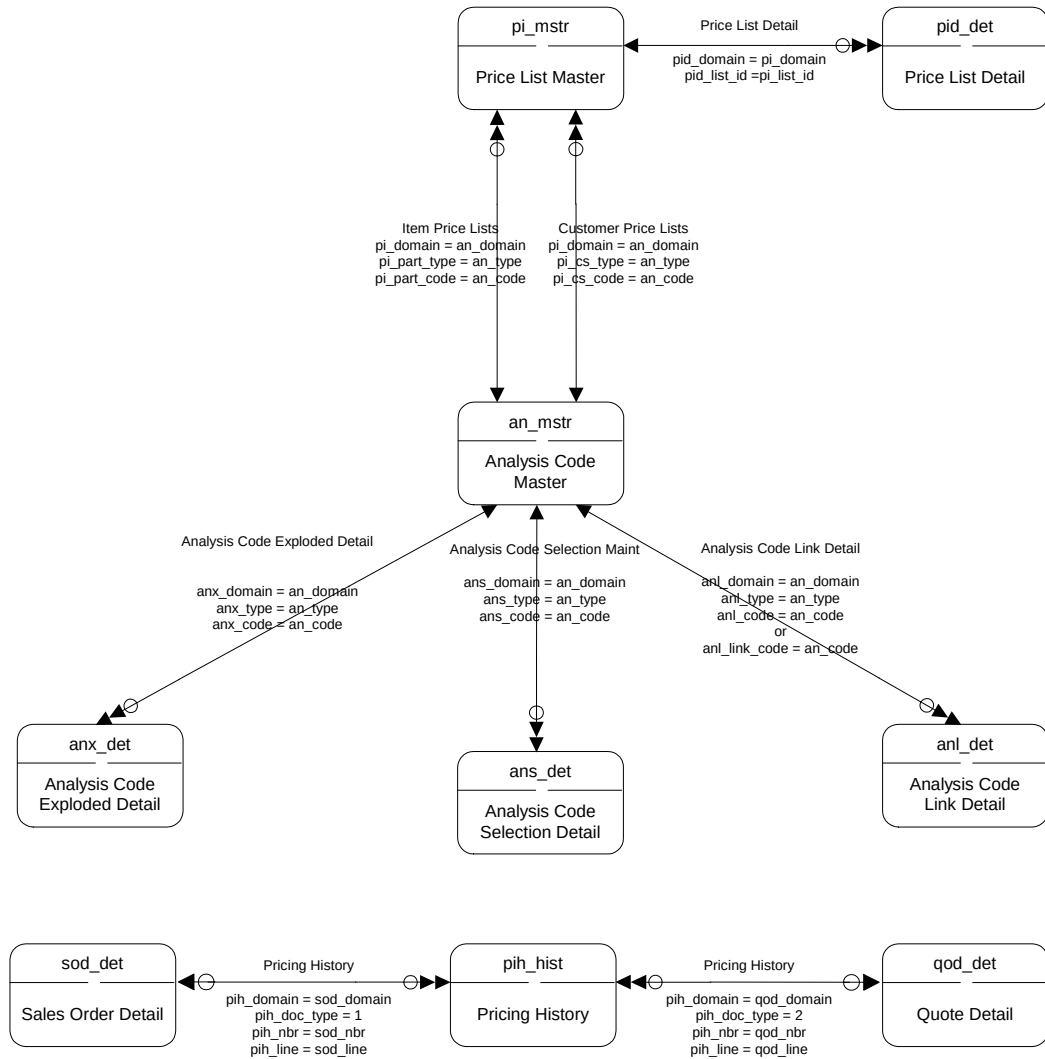


Operations Planning II

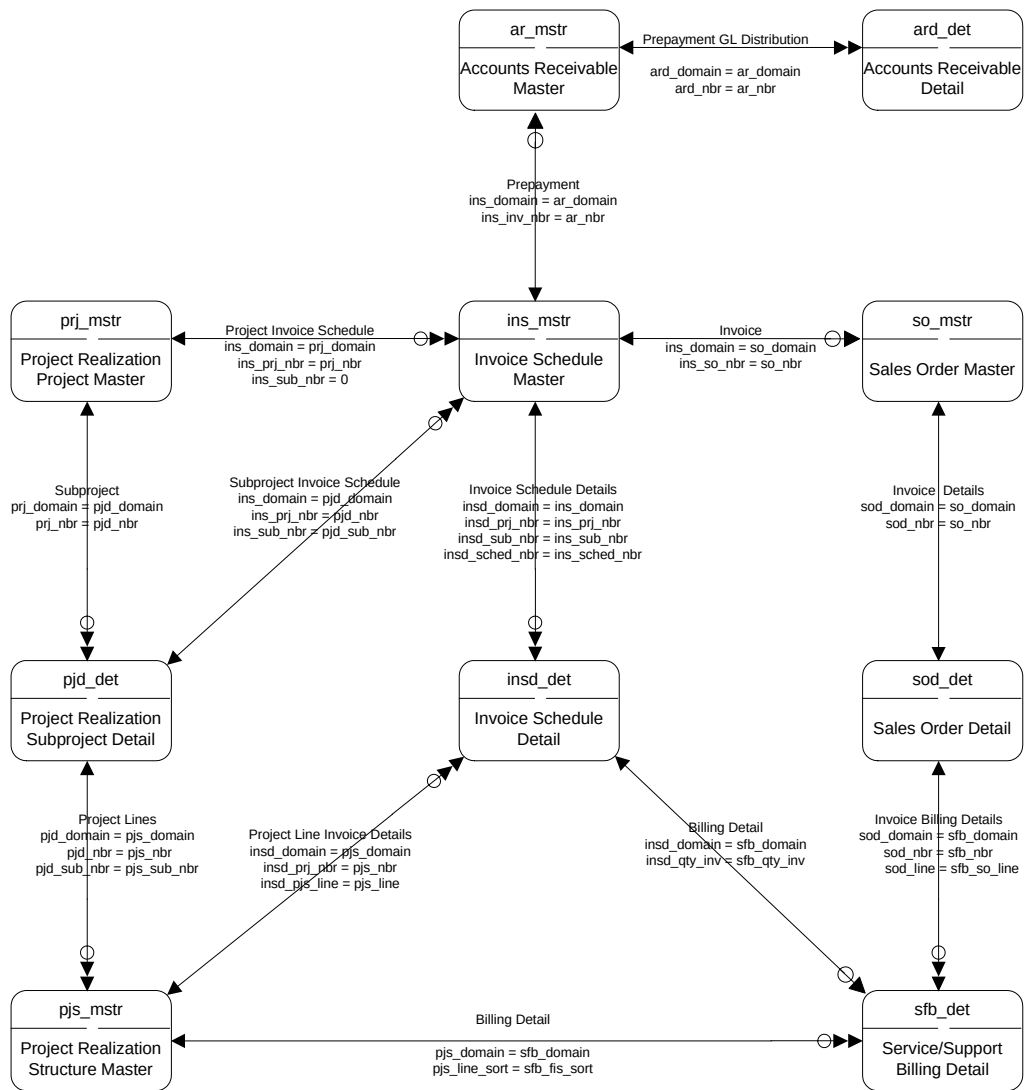


|             |                        |                  |                  |                  |                        |
|-------------|------------------------|------------------|------------------|------------------|------------------------|
| Zero or One | One and Only One       | Zero or One      | 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          |

# Pricing

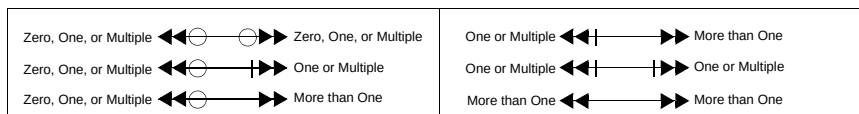
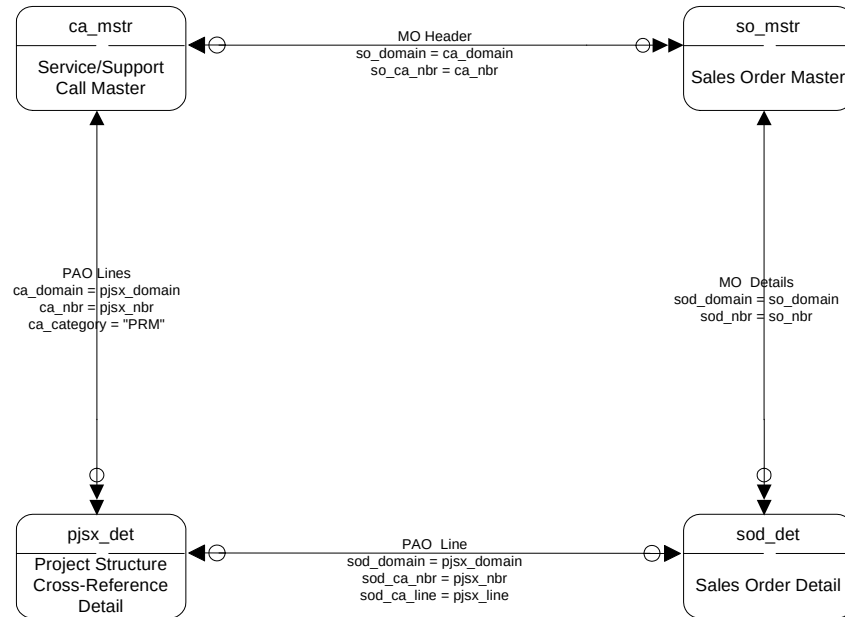


PRM – Invoicing

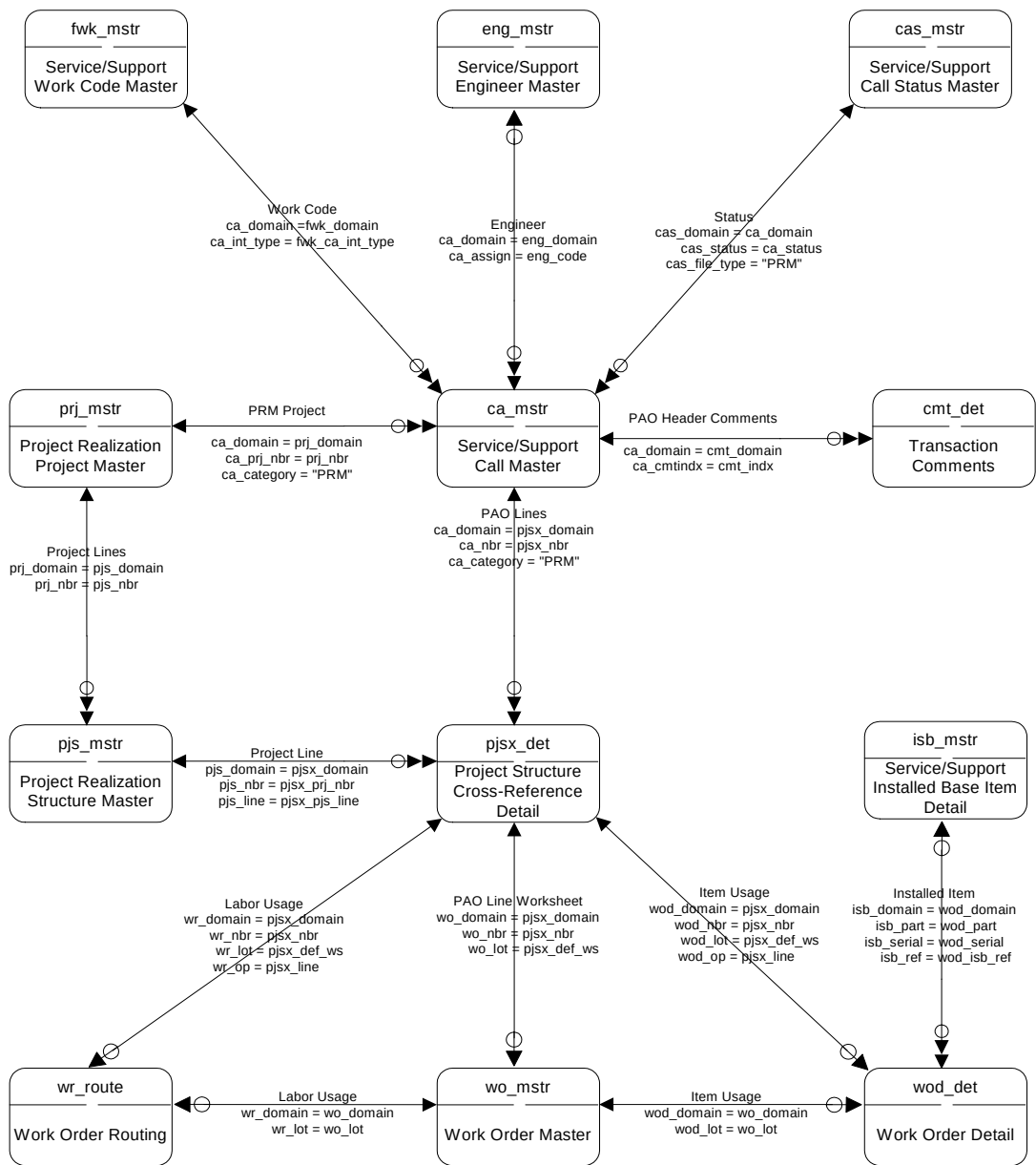


|             |                        |                  |                  |                  |                        |
|-------------|------------------------|------------------|------------------|------------------|------------------------|
| Zero or One | One and Only One       | Zero or One      | 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          |

## PRM – Material Orders

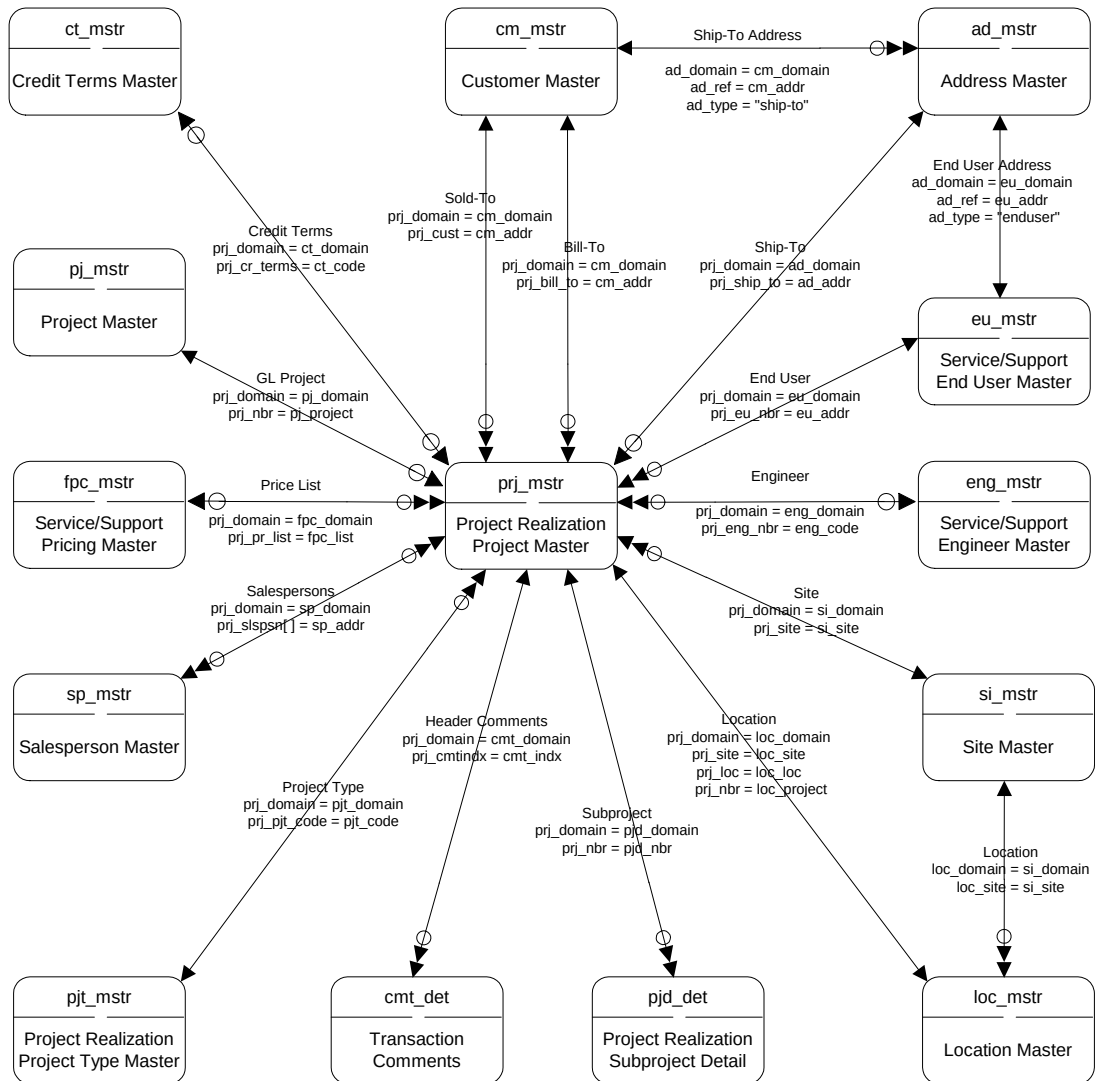


# PRM – Project Activity Orders

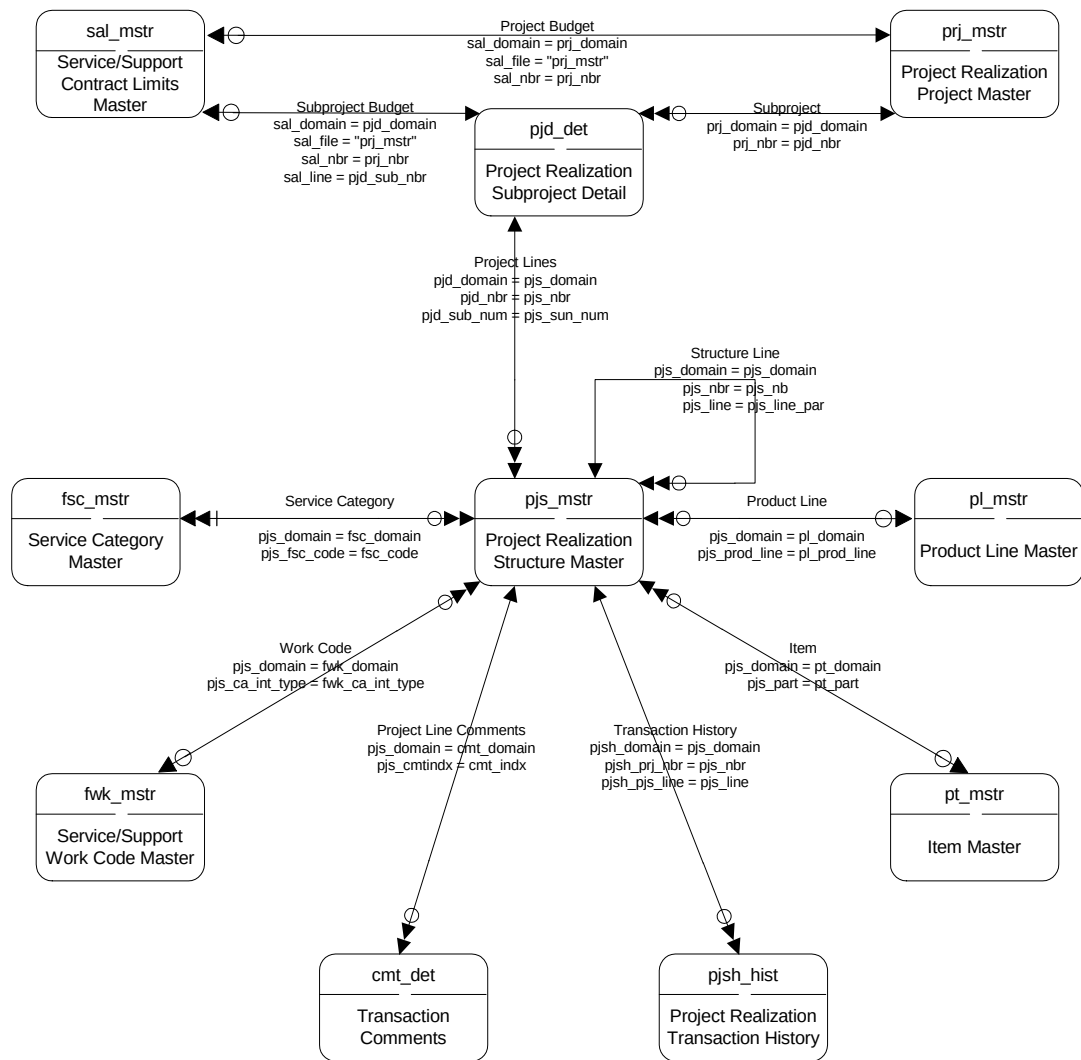


|             |                        |                  |                  |                  |                        |
|-------------|------------------------|------------------|------------------|------------------|------------------------|
| Zero or One | One and Only One       | Zero or One      | 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          |

## PRM – Project Header

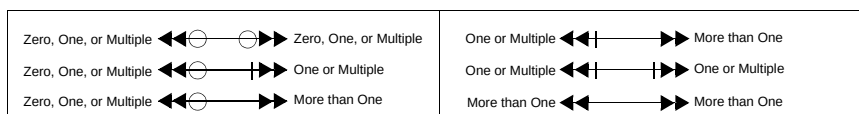
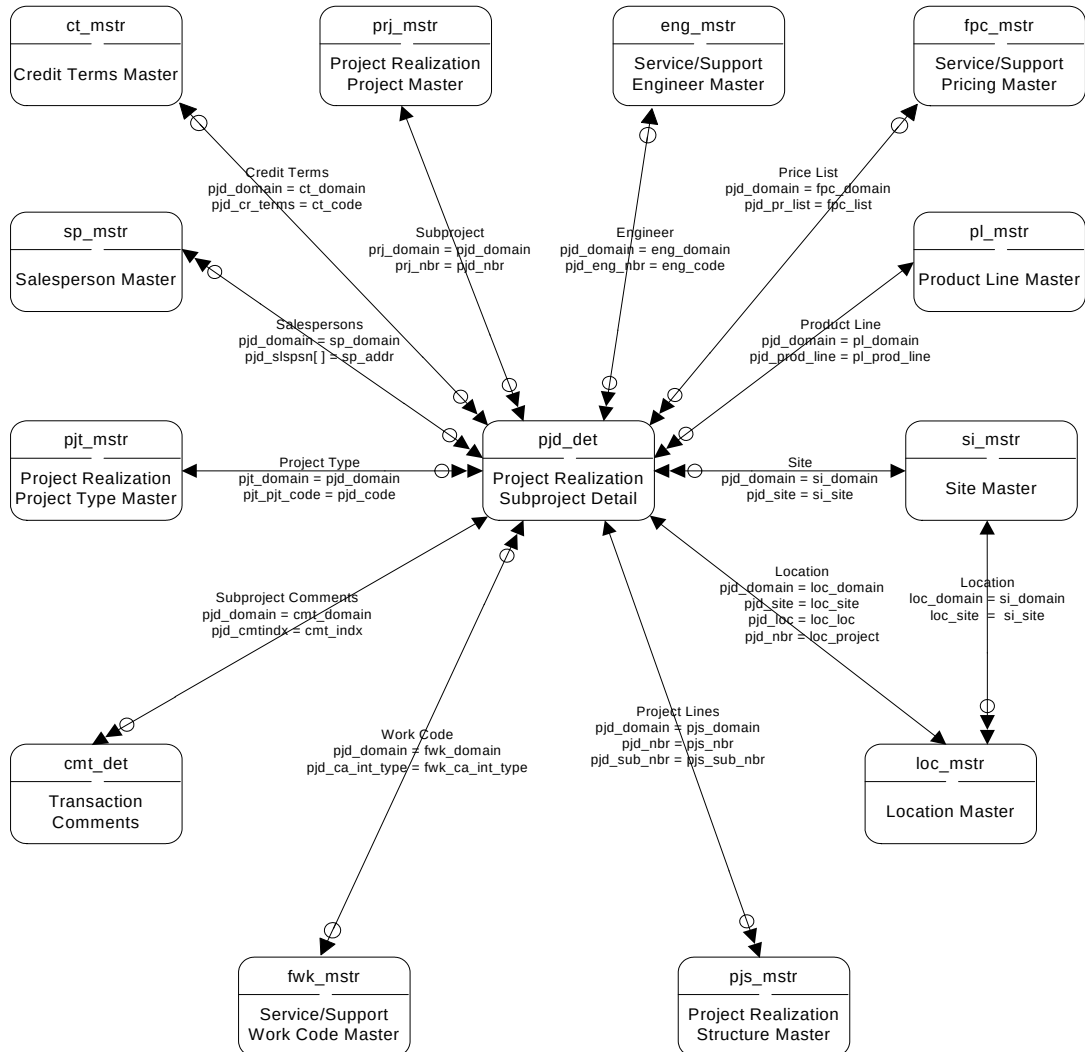


PRM – Project Structure

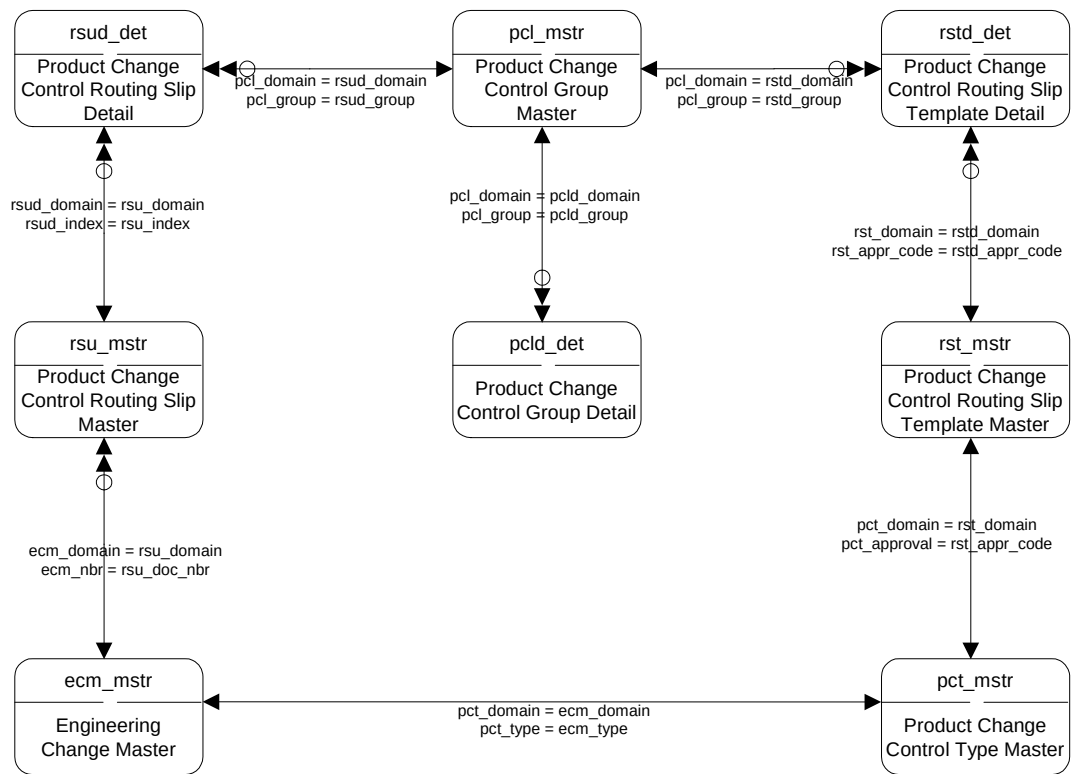


|                                                                                                 |                                                                                                            |                                                                                                      |                                                                                                      |                                                                                                      |                                                                                                              |
|-------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| 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           |

## PRM – Subproject

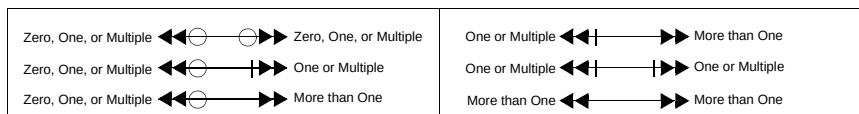
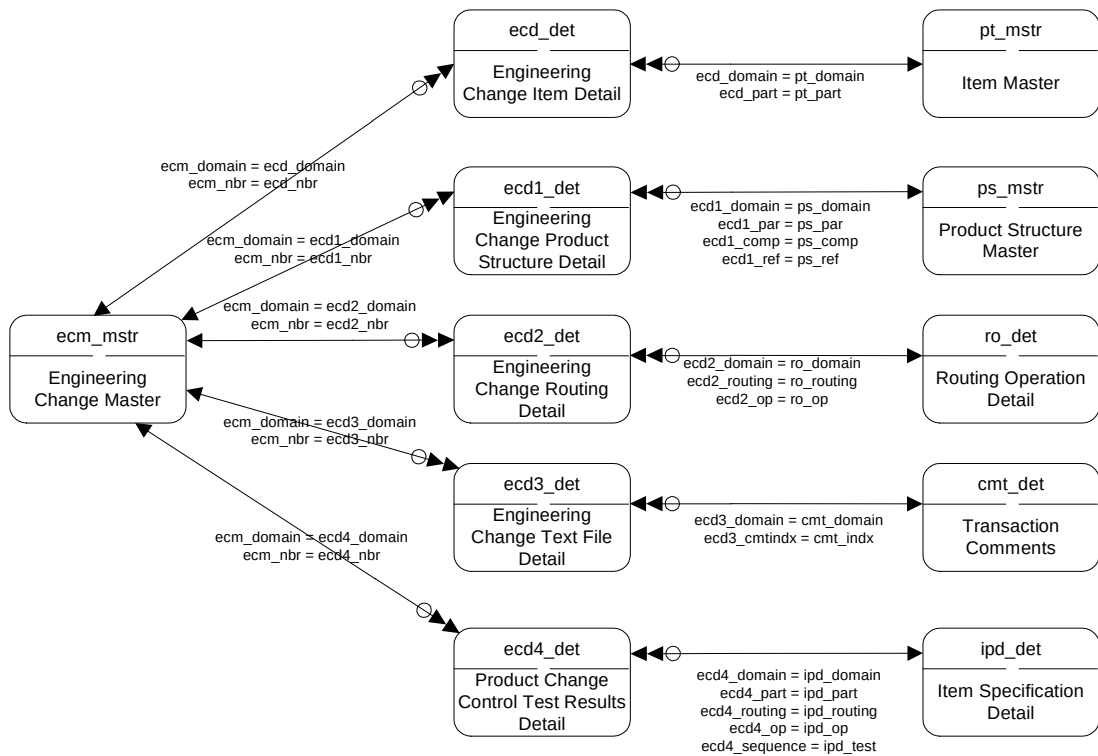


# Product Change Control I

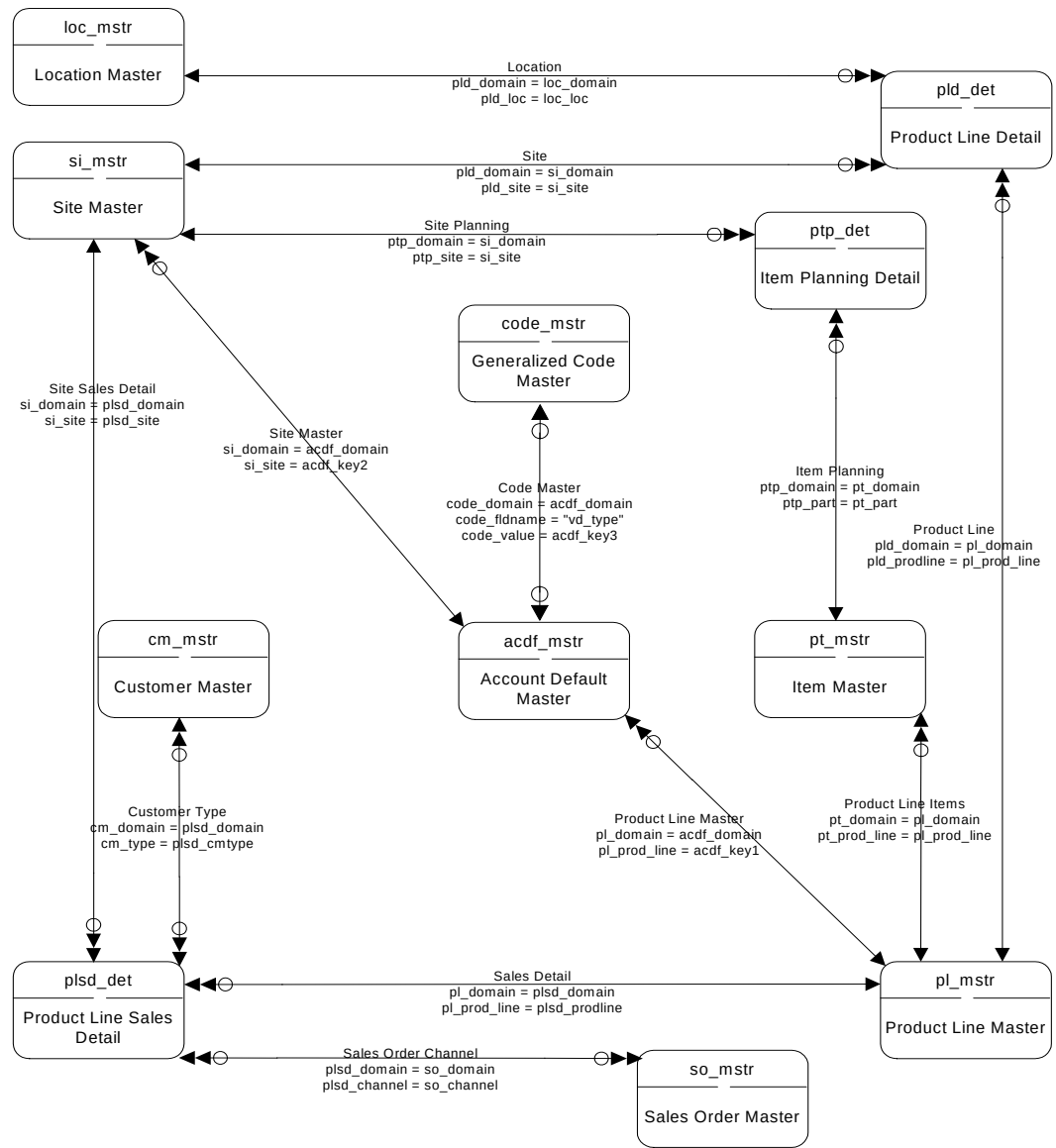


|                                                                                                      |                                                                                                              |
|------------------------------------------------------------------------------------------------------|--------------------------------------------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

## Product Change Control II



# Product Line I

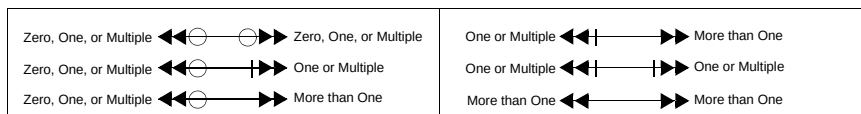
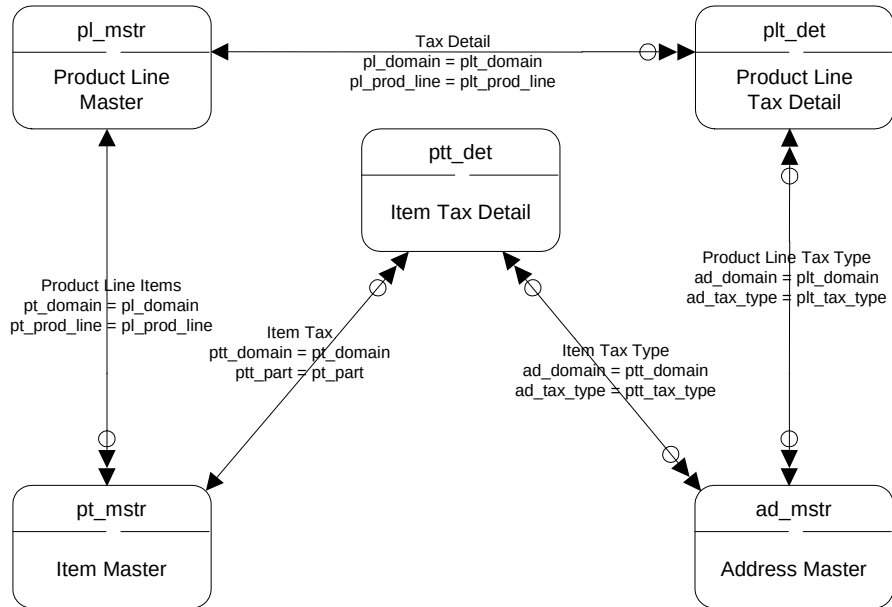


|                                                                                                 |                                                                                                            |
|-------------------------------------------------------------------------------------------------|--------------------------------------------------------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

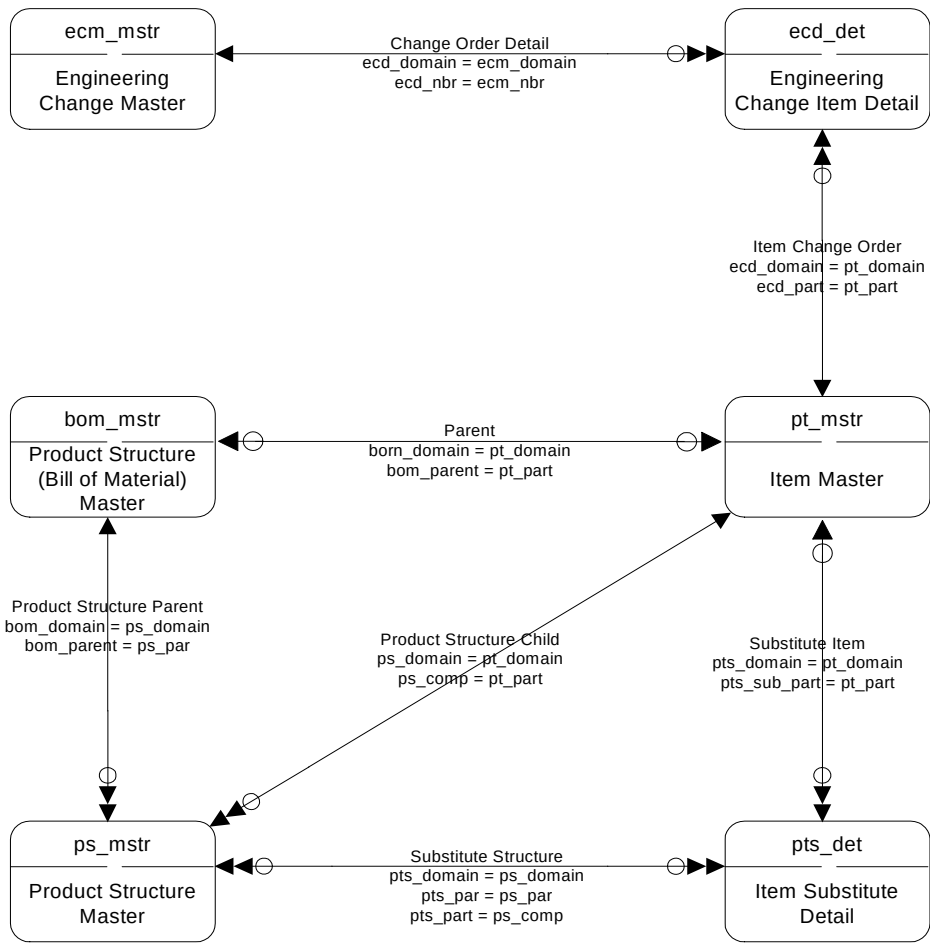
|                                                                                                      |                                                                                                      |
|------------------------------------------------------------------------------------------------------|----------------------------------------------------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

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

## Product Line II

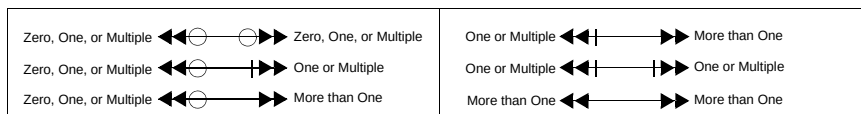
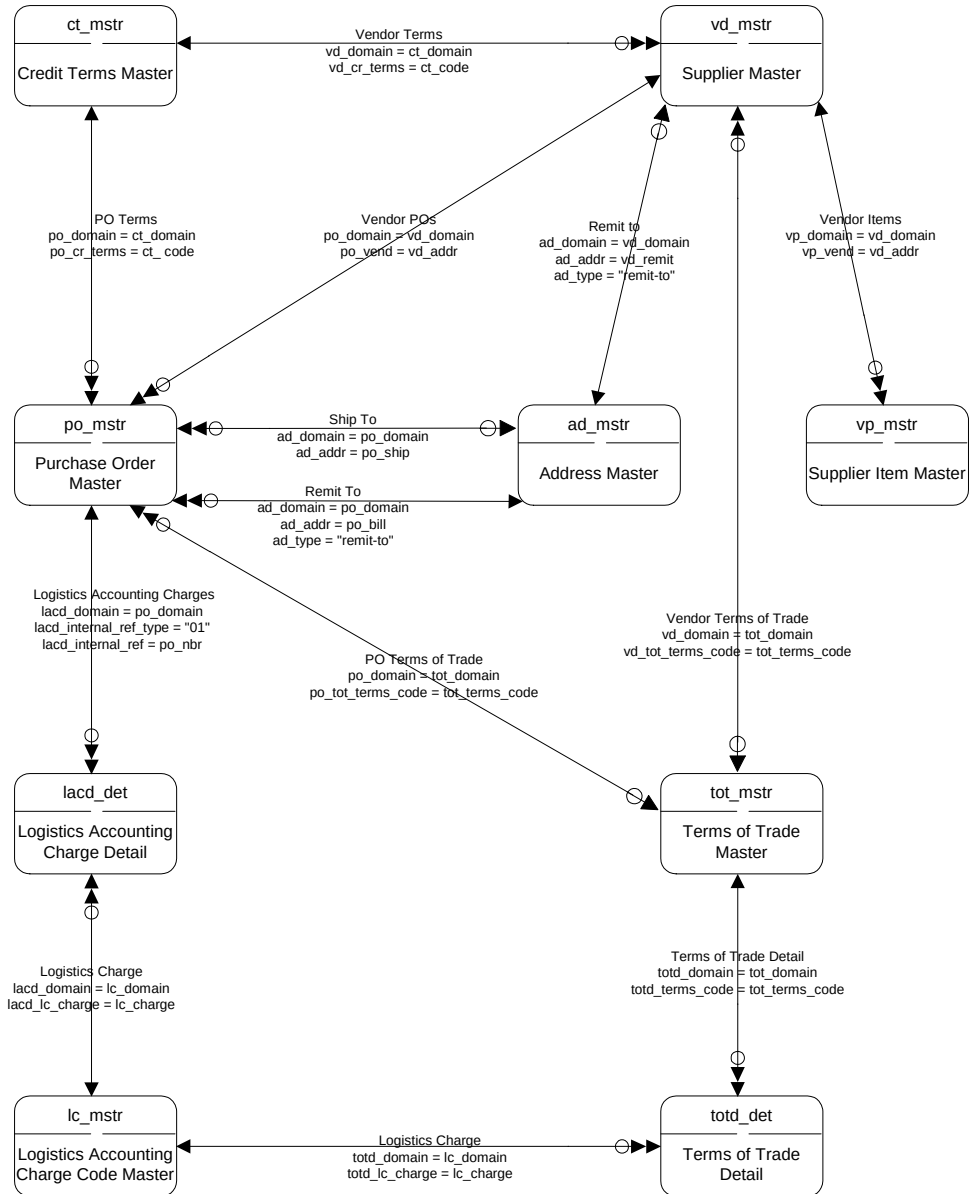


Product Structure

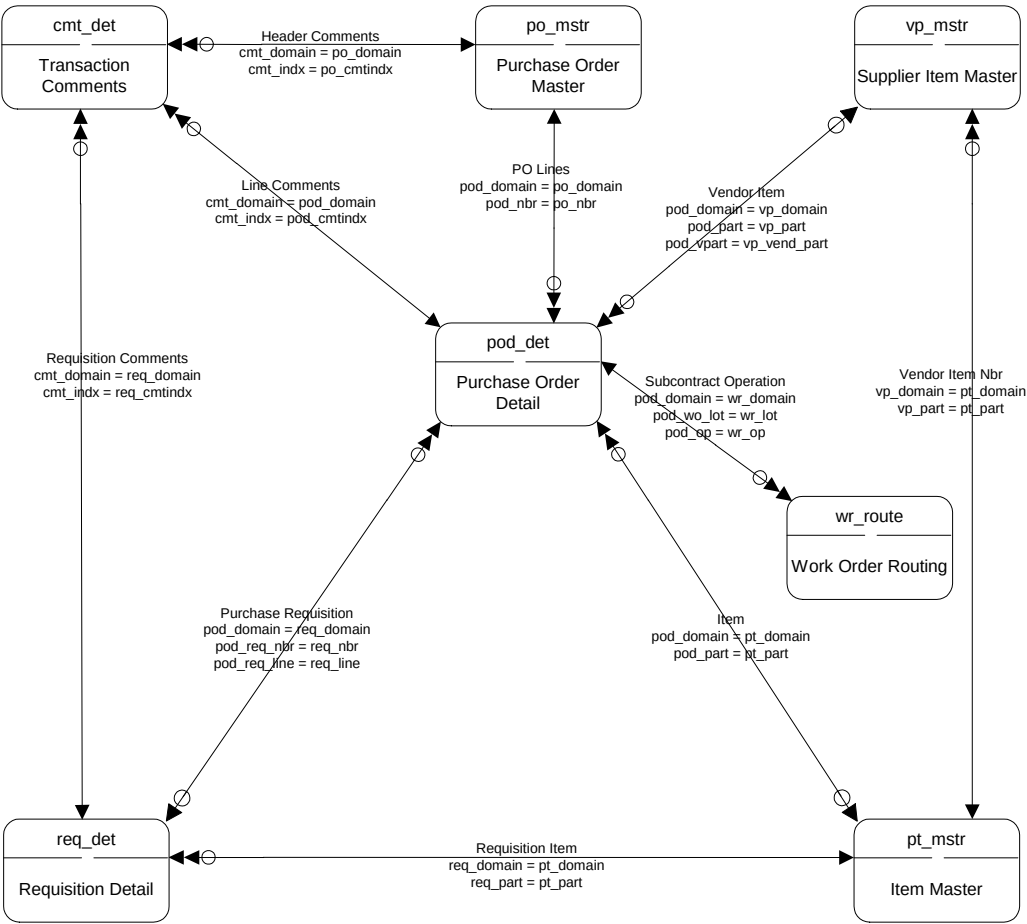


|             |                        |                  |                  |                  |                        |
|-------------|------------------------|------------------|------------------|------------------|------------------------|
| Zero or One | One and Only One       | Zero or One      | 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          |

# Purchasing I

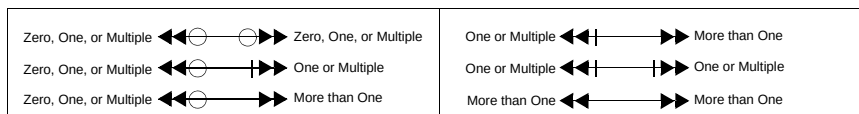
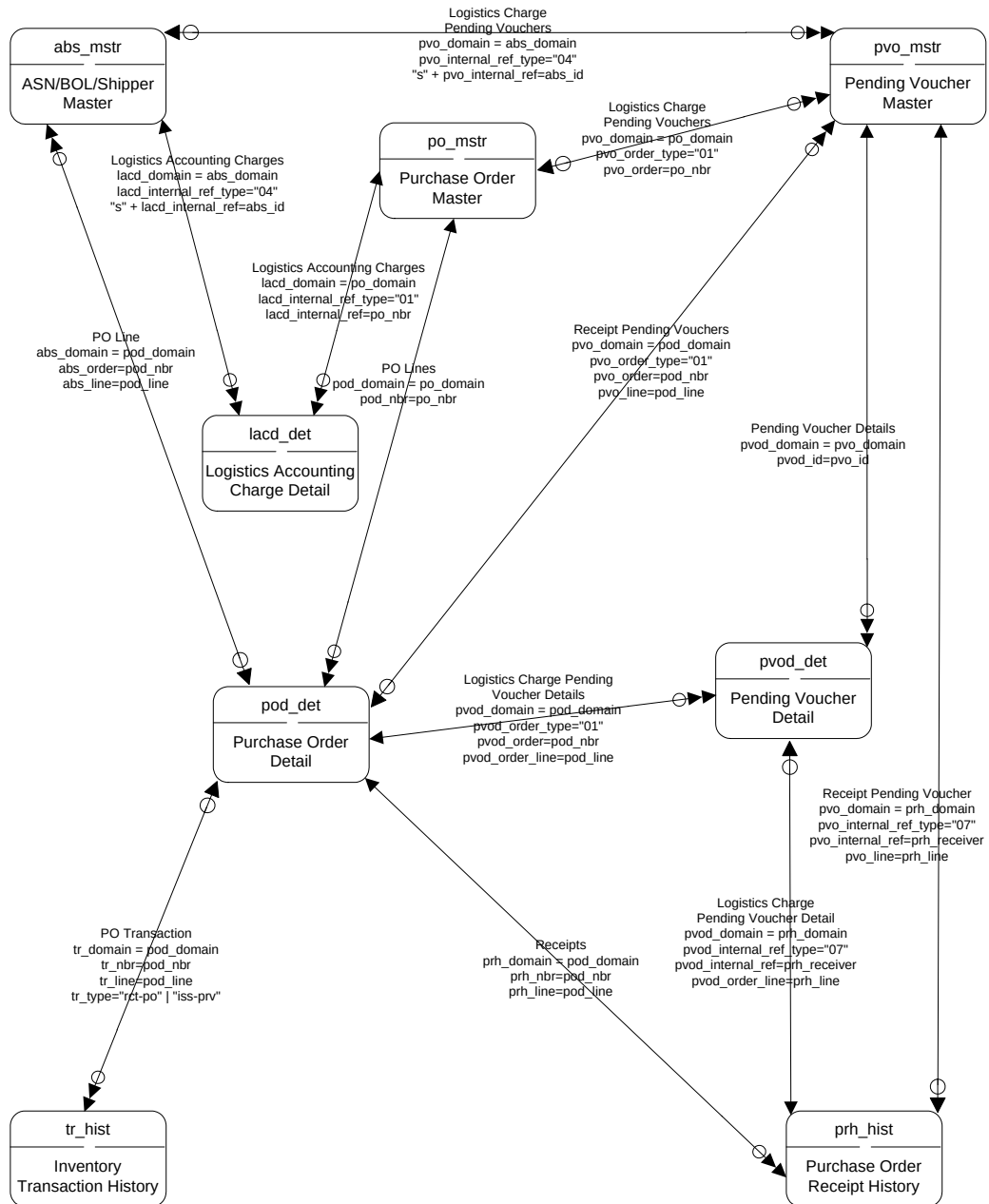


# Purchasing II

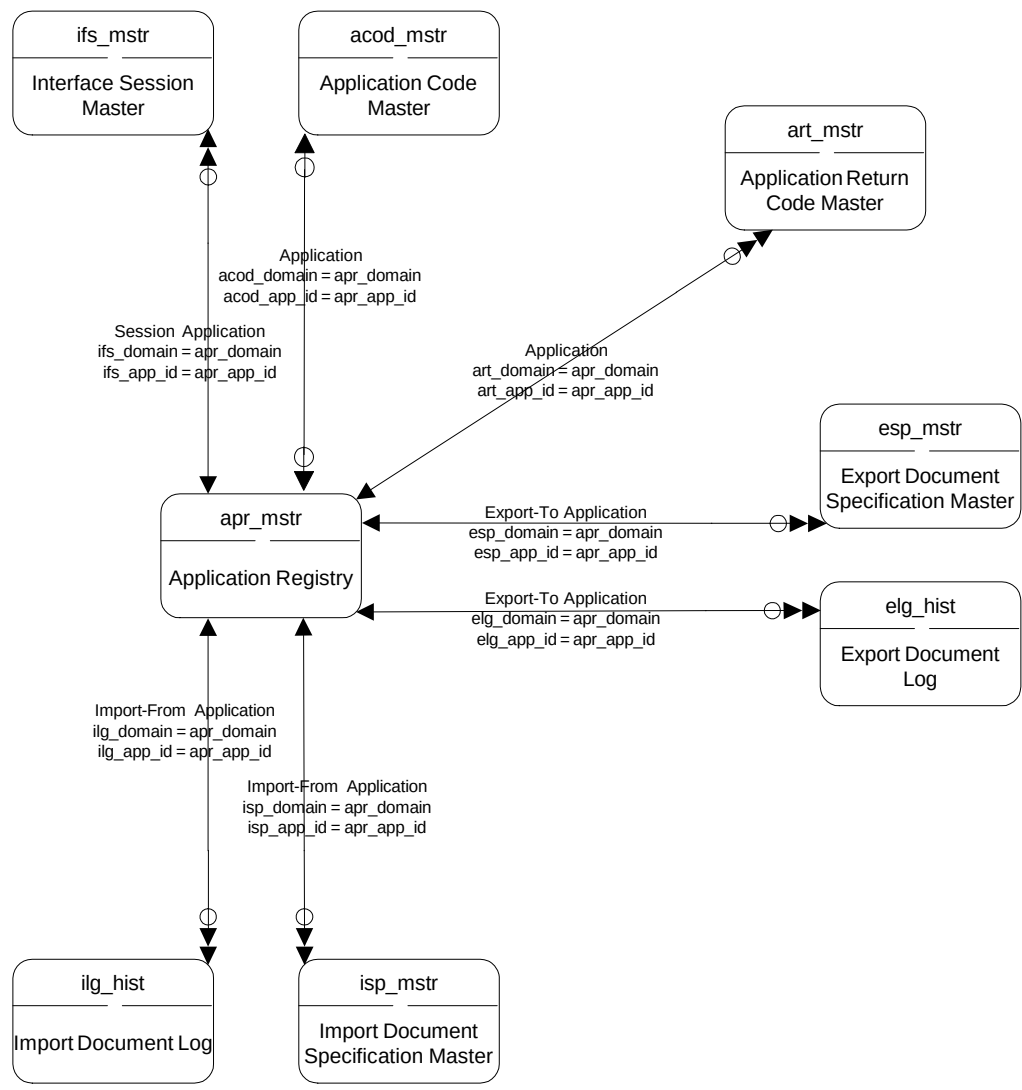


|             |                        |                  |                  |                  |                        |
|-------------|------------------------|------------------|------------------|------------------|------------------------|
| Zero or One | One and Only One       | Zero or One      | 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          |

## Purchasing III

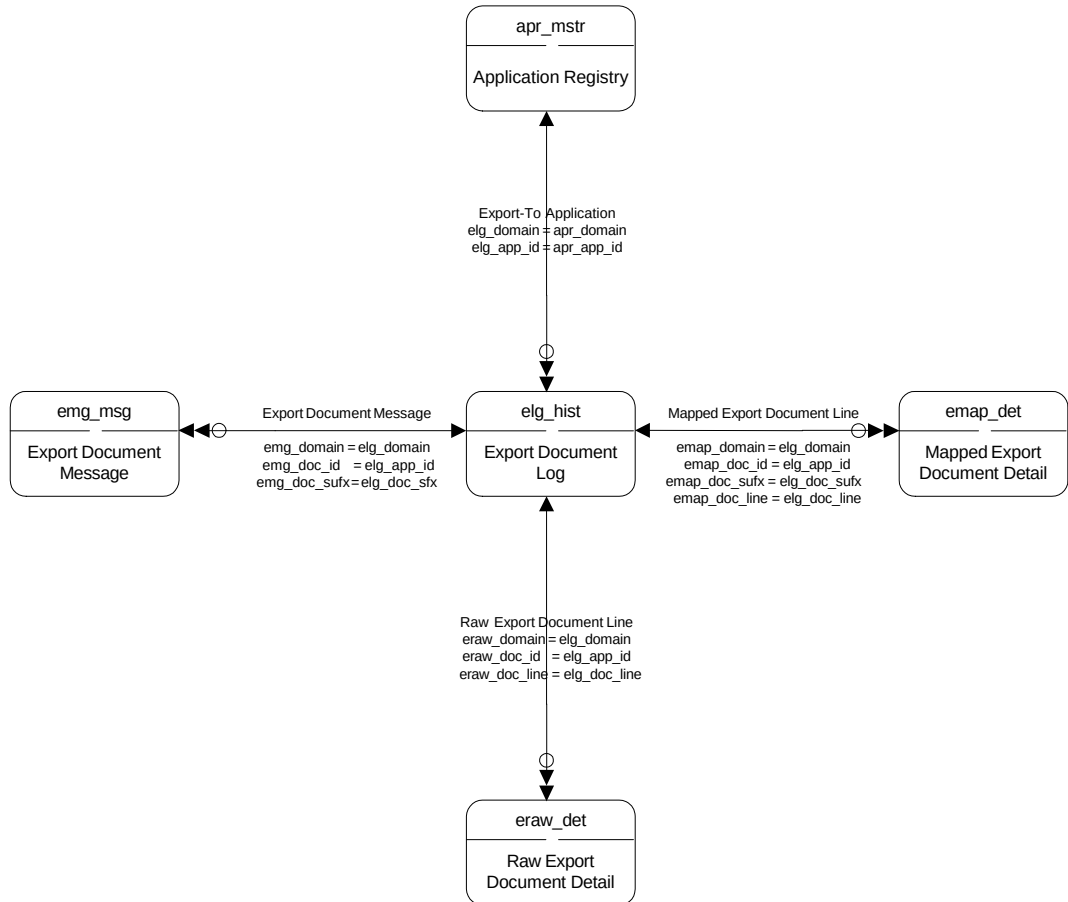


Q/LinQ I



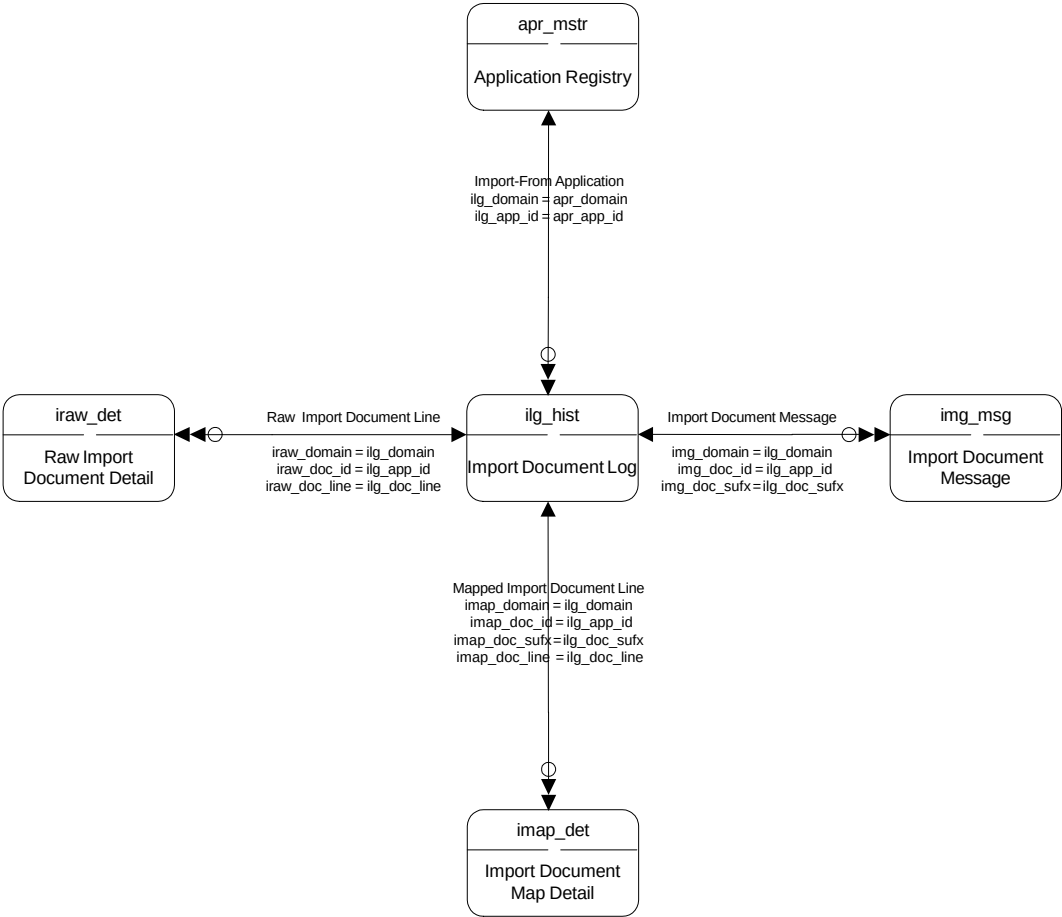
|             |                        |                  |                  |                  |                        |
|-------------|------------------------|------------------|------------------|------------------|------------------------|
| Zero or One | One and Only One       | Zero or One  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

## Q/LinQ 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   |

Q/LinQ III

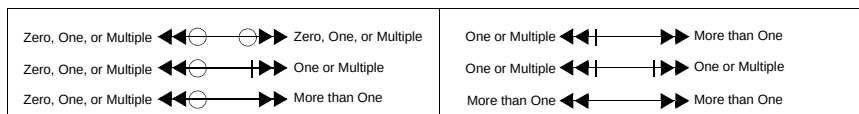
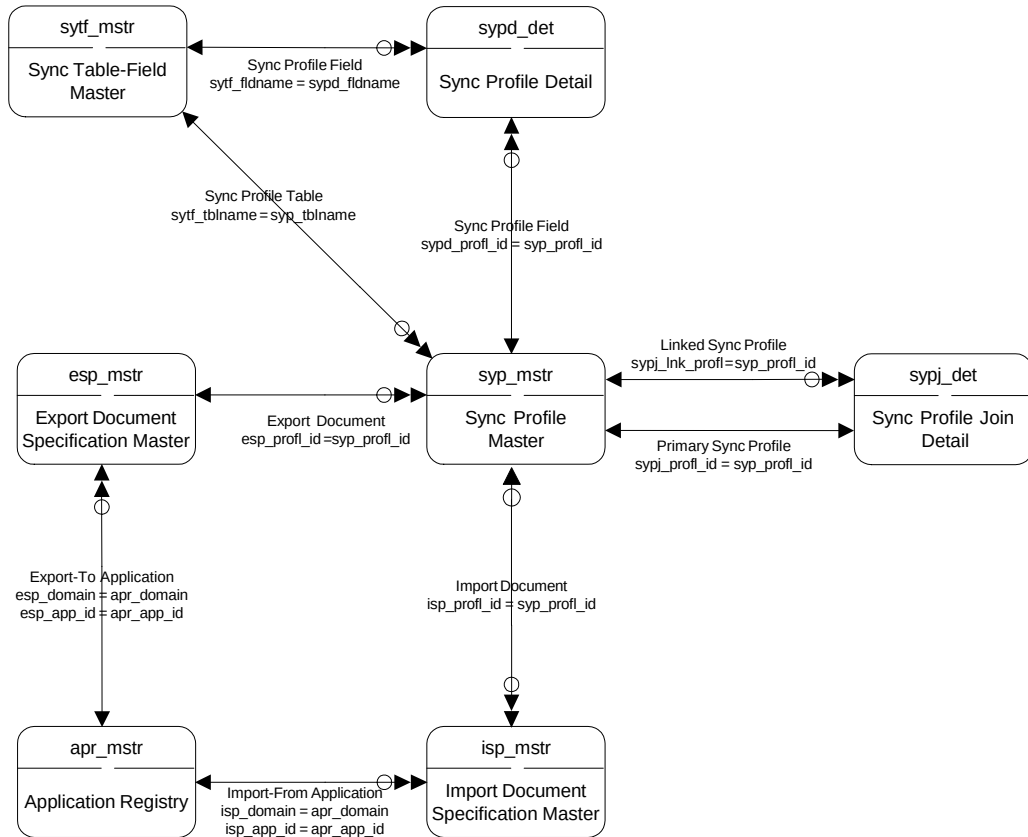


|                                                                                                 |                                                                                                            |
|-------------------------------------------------------------------------------------------------|--------------------------------------------------------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

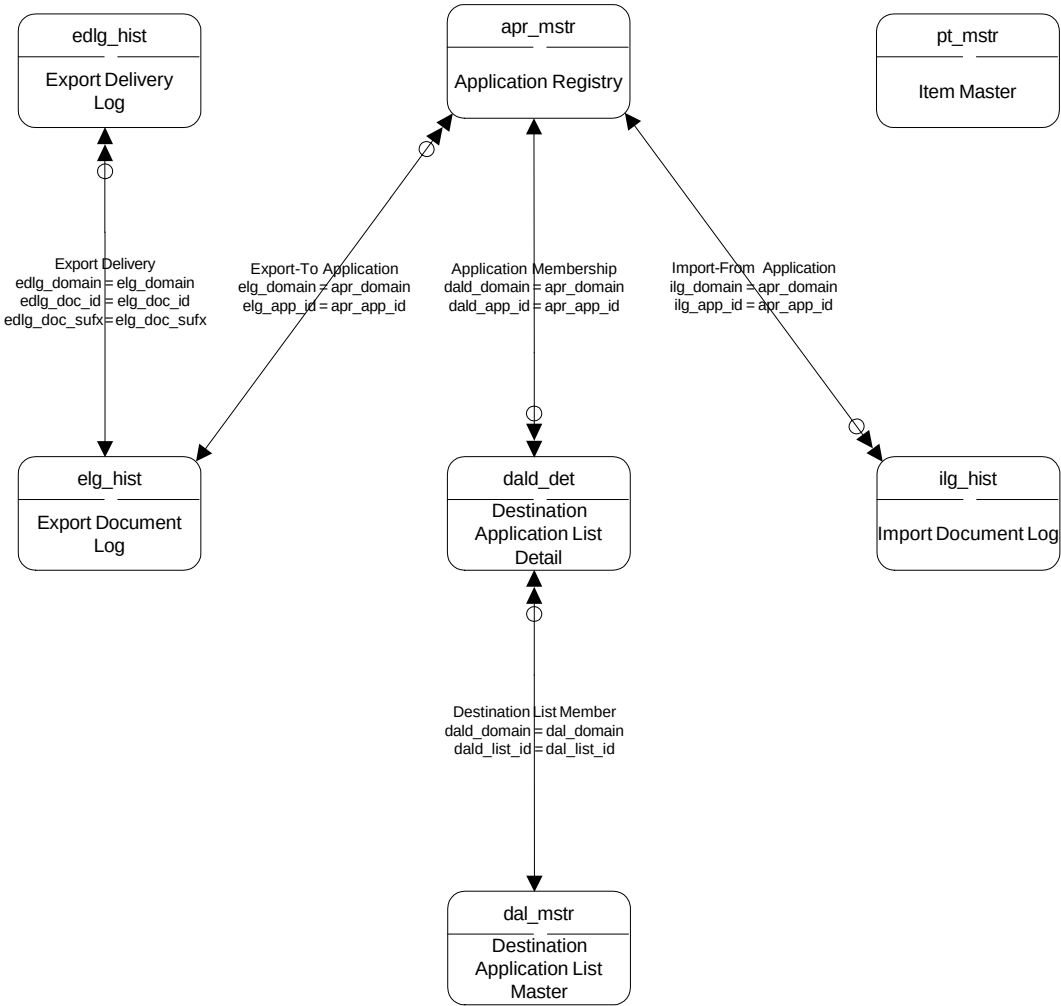
|                                                                                                      |                                                                                                      |
|------------------------------------------------------------------------------------------------------|----------------------------------------------------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

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

## Q/LinQ IV



Q/LinQ V

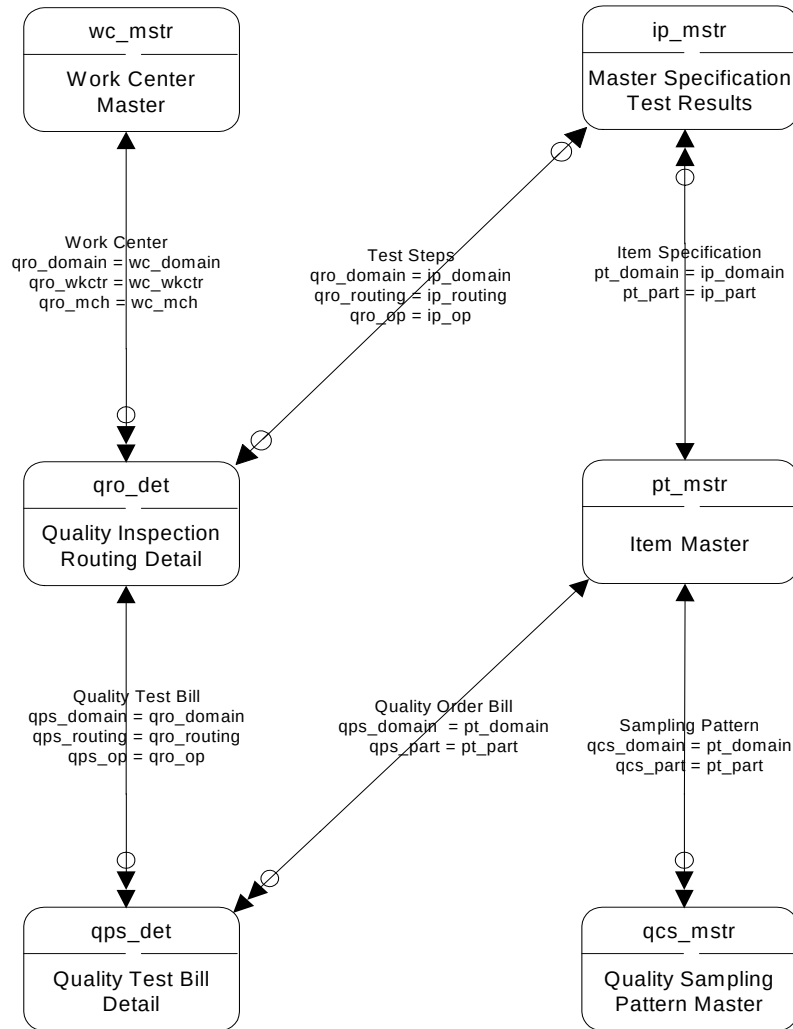


|             |                        |
|-------------|------------------------|
| Zero or One | One and Only One       |
| Zero or One | Zero or One            |
| Zero or One | Zero, One, or Multiple |

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

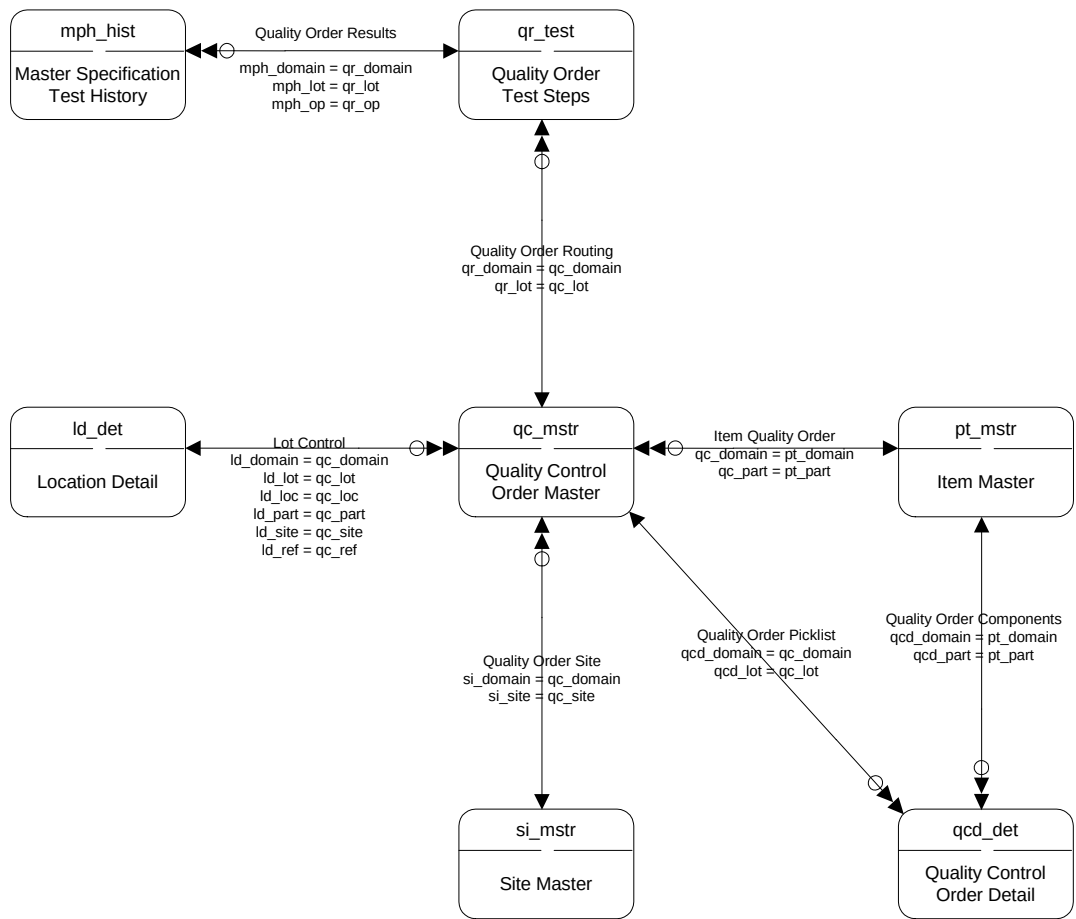
|                  |                        |
|------------------|------------------------|
| One and Only One | Zero, One, or Multiple |
| One and Only One | One or Multiple        |
| One and Only One | More than One          |

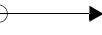
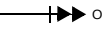
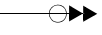
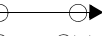
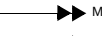
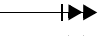
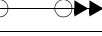
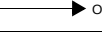
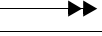
# Quality Management



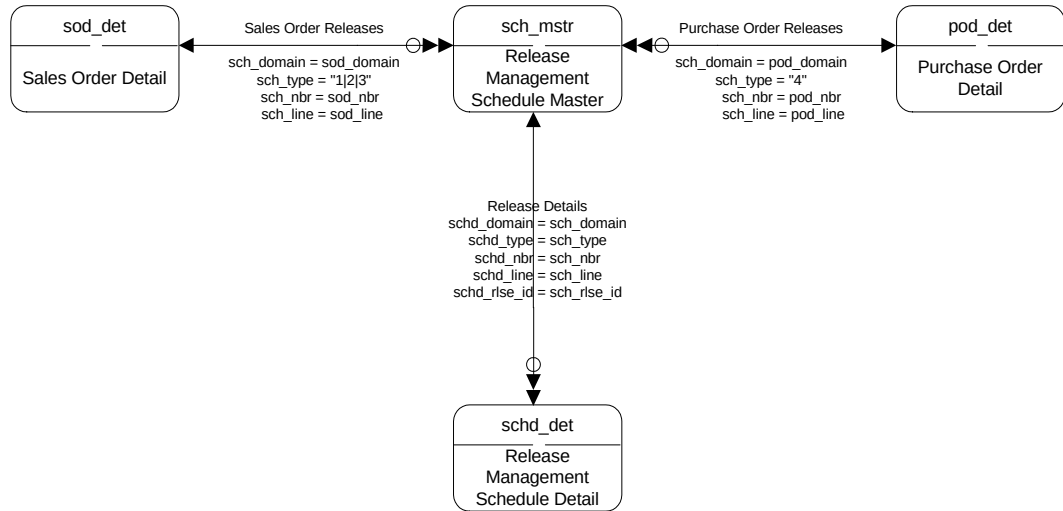
|                        |                        |                 |                 |
|------------------------|------------------------|-----------------|-----------------|
| Zero, One, or Multiple | Zero, One, or Multiple | One or Multiple | More than One   |
| Zero, One, or Multiple | One or Multiple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

# Quality Orders



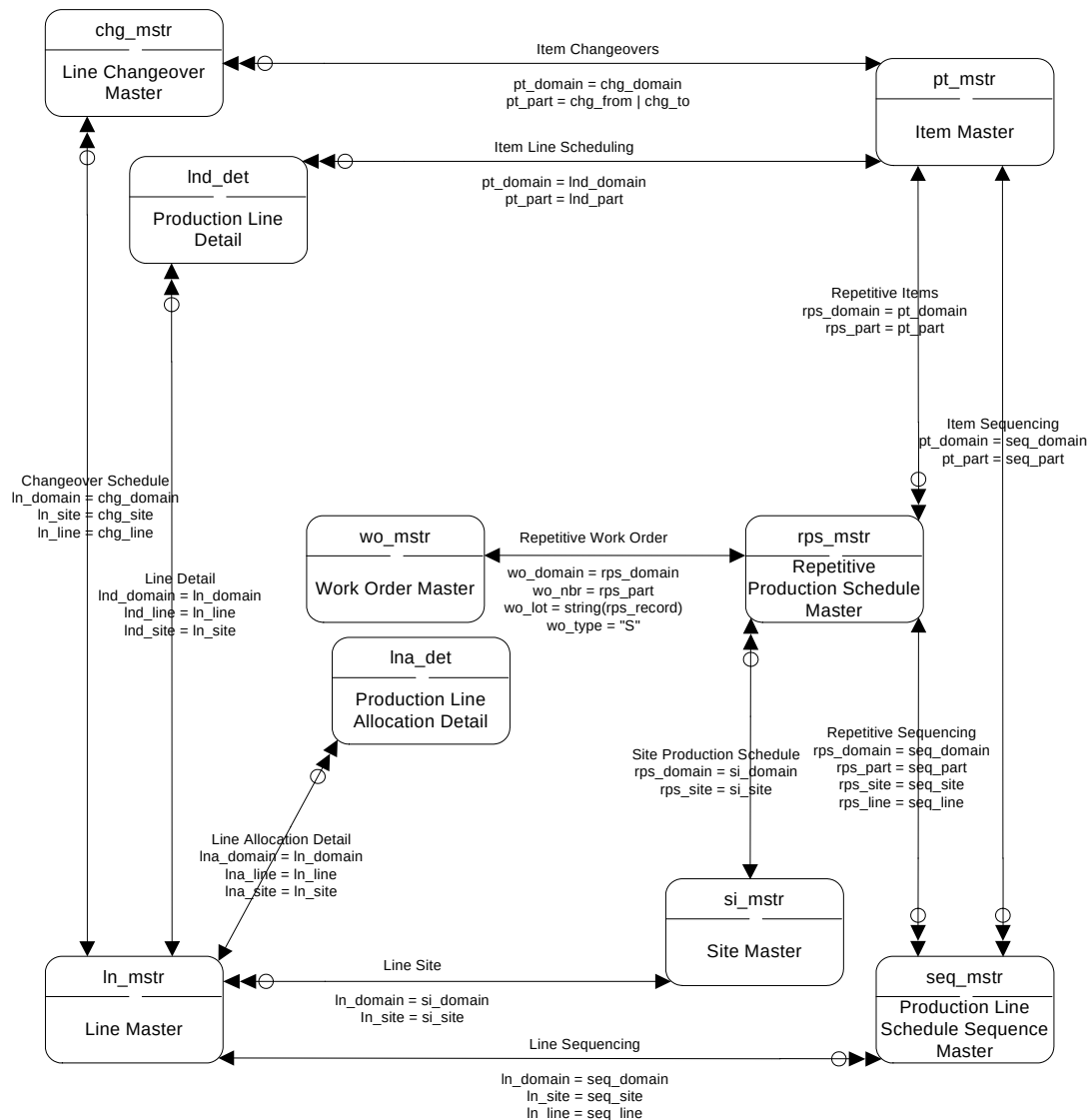
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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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          |

# Release Management



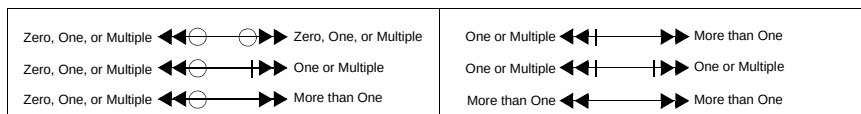
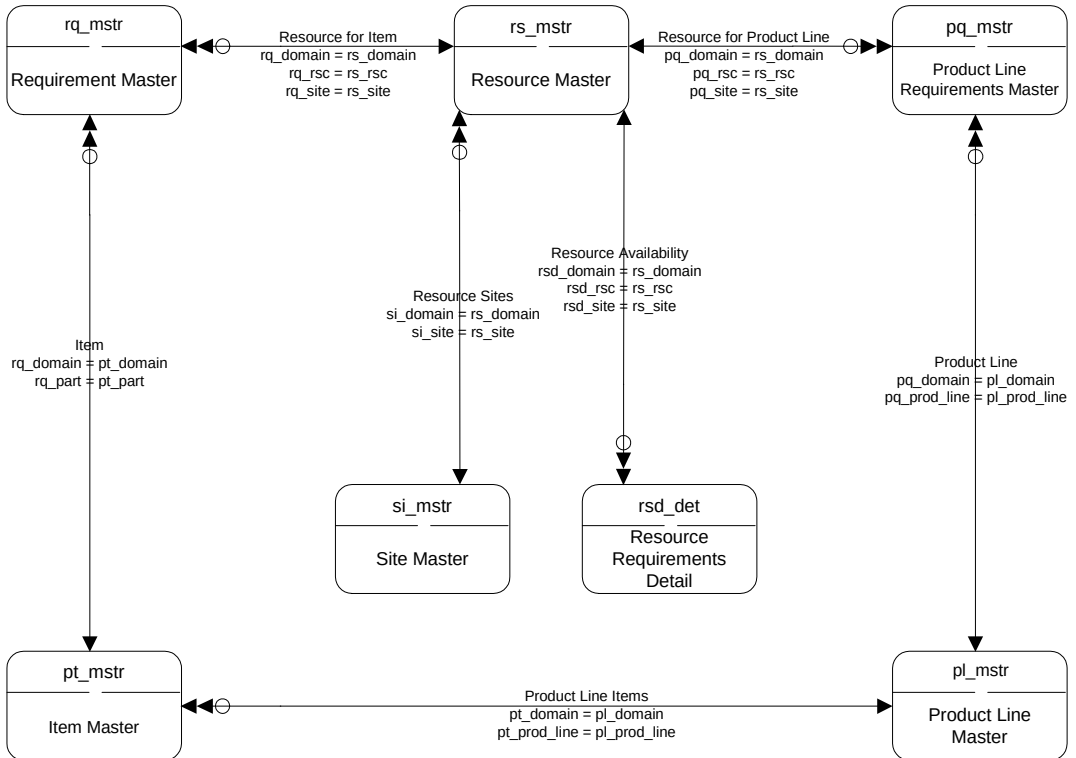
|                        |                        |                 |                 |
|------------------------|------------------------|-----------------|-----------------|
| Zero, One, or Multiple | Zero, One, or Multiple | One or Multiple | More than One   |
| Zero, One, or Multiple | One or Multiple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

# Repetitive Schedule

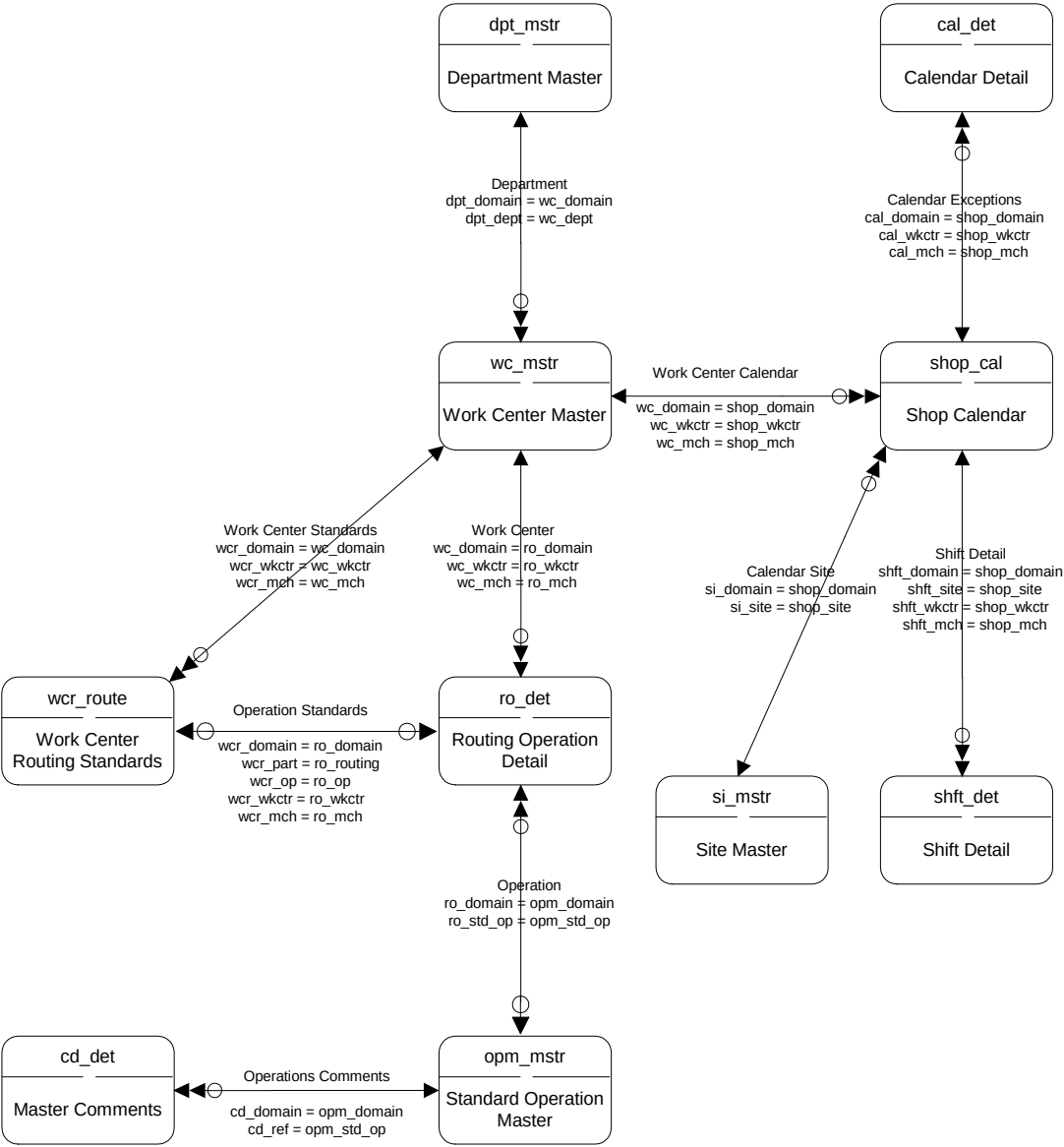


|             |                        |                  |                  |                  |                        |
|-------------|------------------------|------------------|------------------|------------------|------------------------|
| Zero or One | One and Only One       | Zero or One      | 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          |

## Resource Plan



# Routing Standards

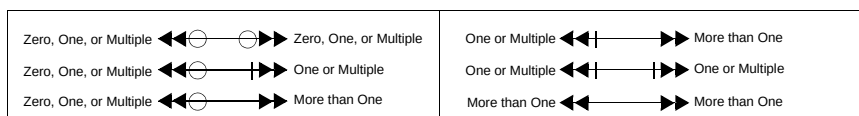
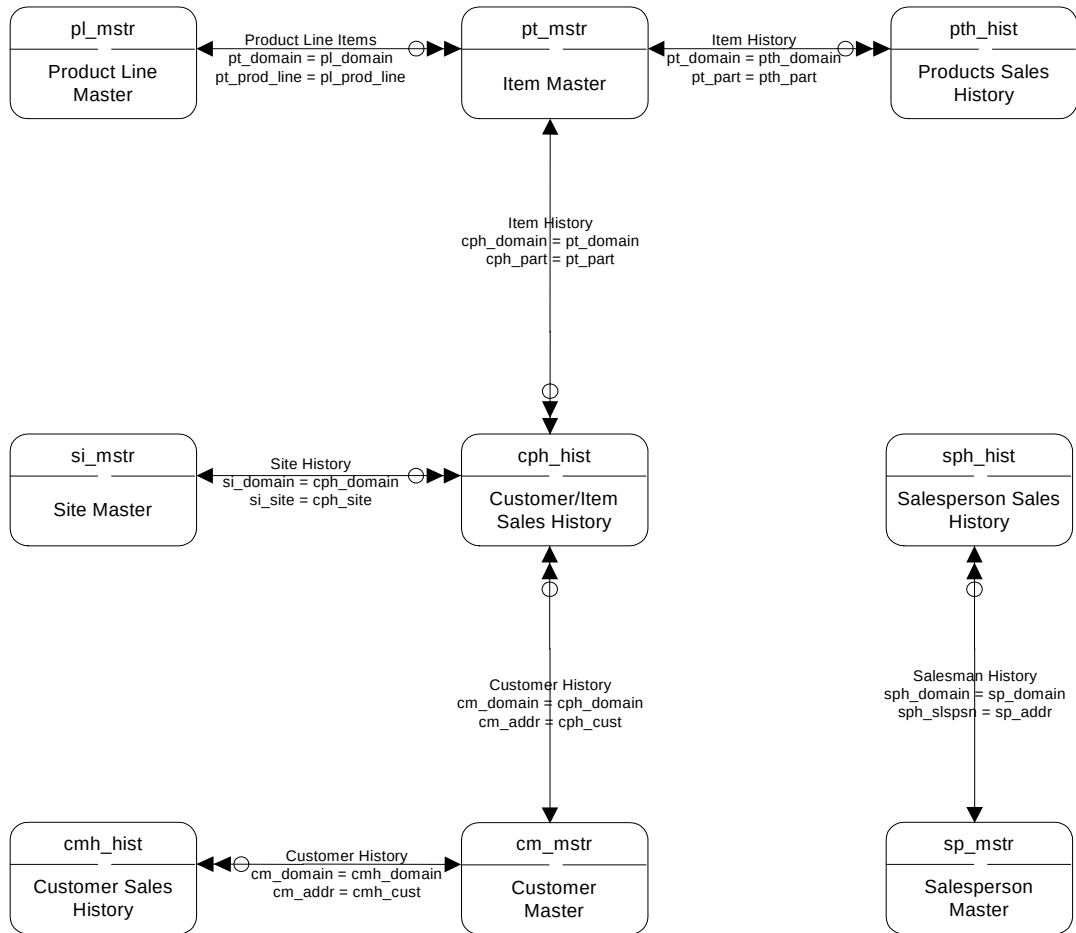


|             |                        |
|-------------|------------------------|
| Zero or One | One and Only One       |
| Zero or One | Zero or One            |
| Zero or One | Zero, One, or Multiple |

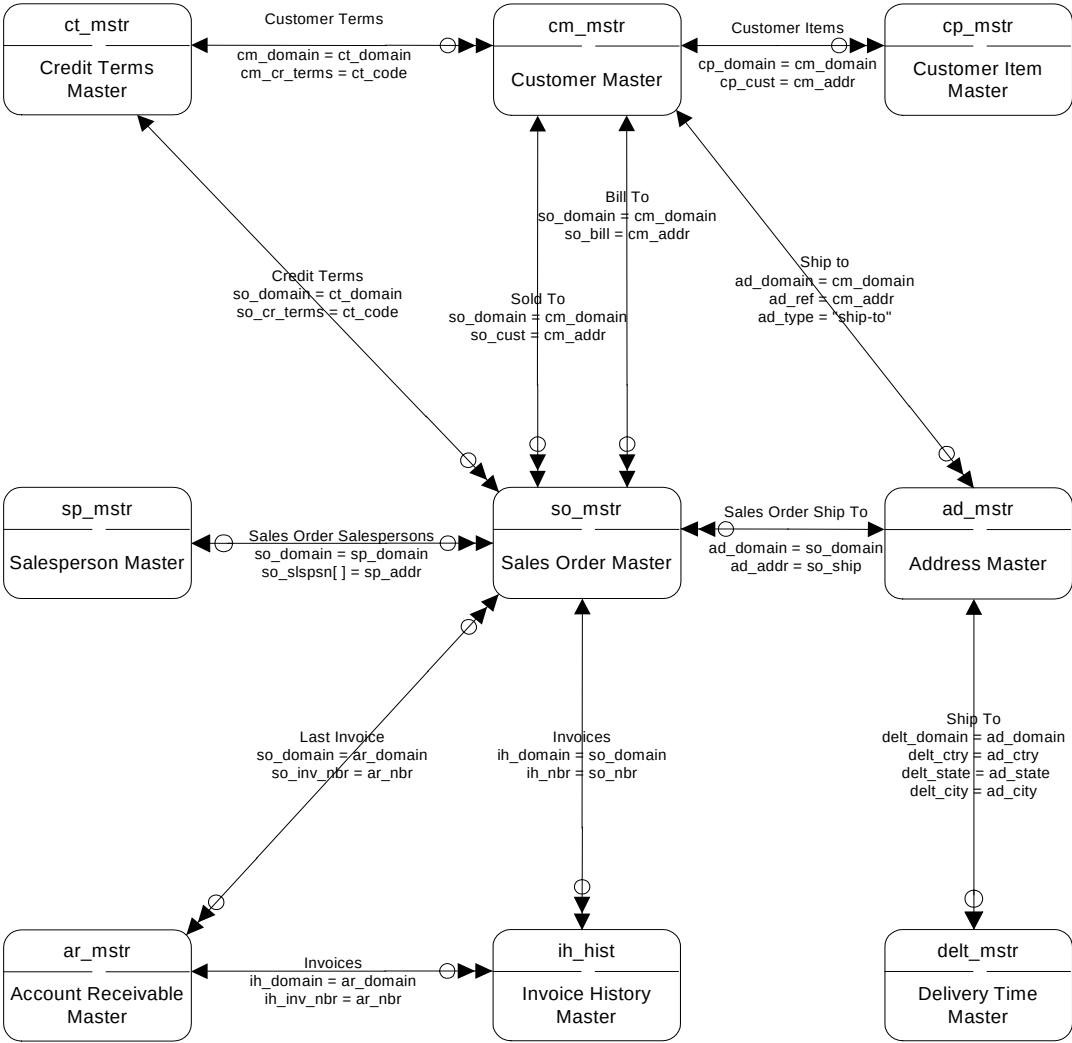
|                  |                  |
|------------------|------------------|
| Zero or One      | One or Multiple  |
| Zero or One      | More than One    |
| One and Only One | One and Only One |

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

# Sales Analysis

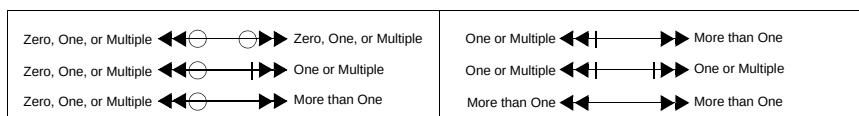
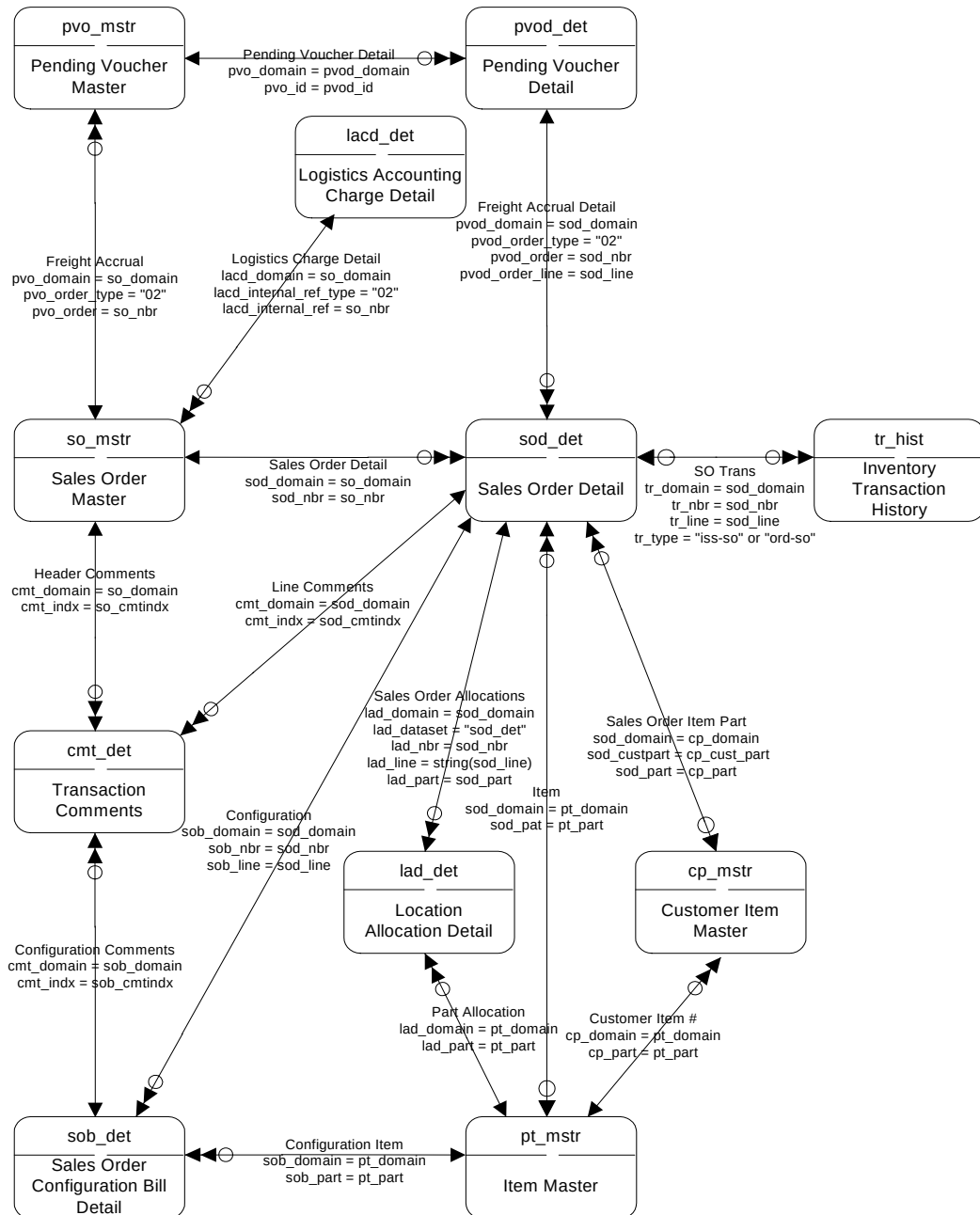


Sales Orders I

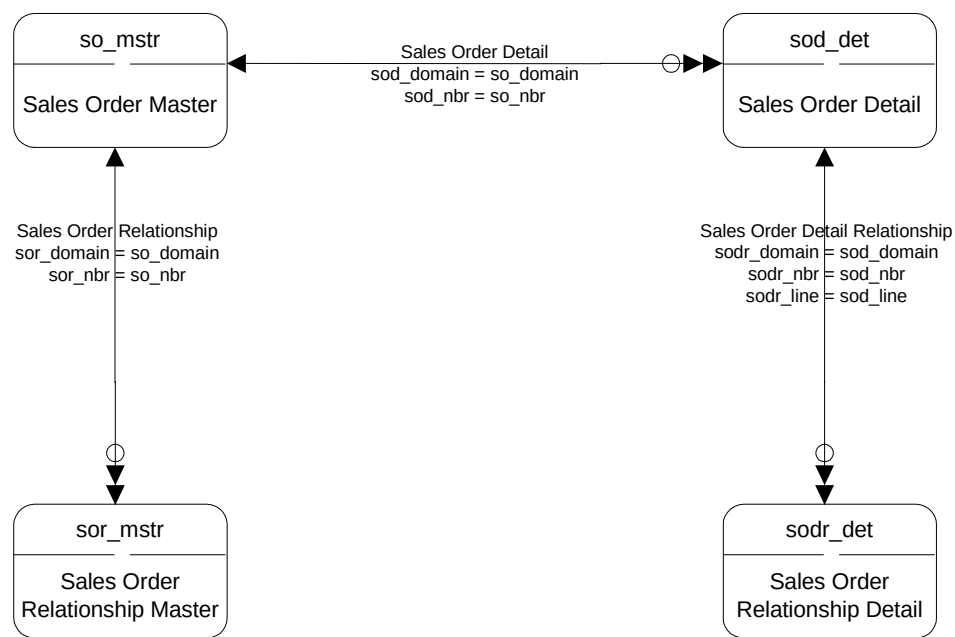


|             |                        |                  |                  |                  |                        |
|-------------|------------------------|------------------|------------------|------------------|------------------------|
| Zero or One | One and Only One       | Zero or One      | 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          |

## Sales Orders II



Sales Orders III

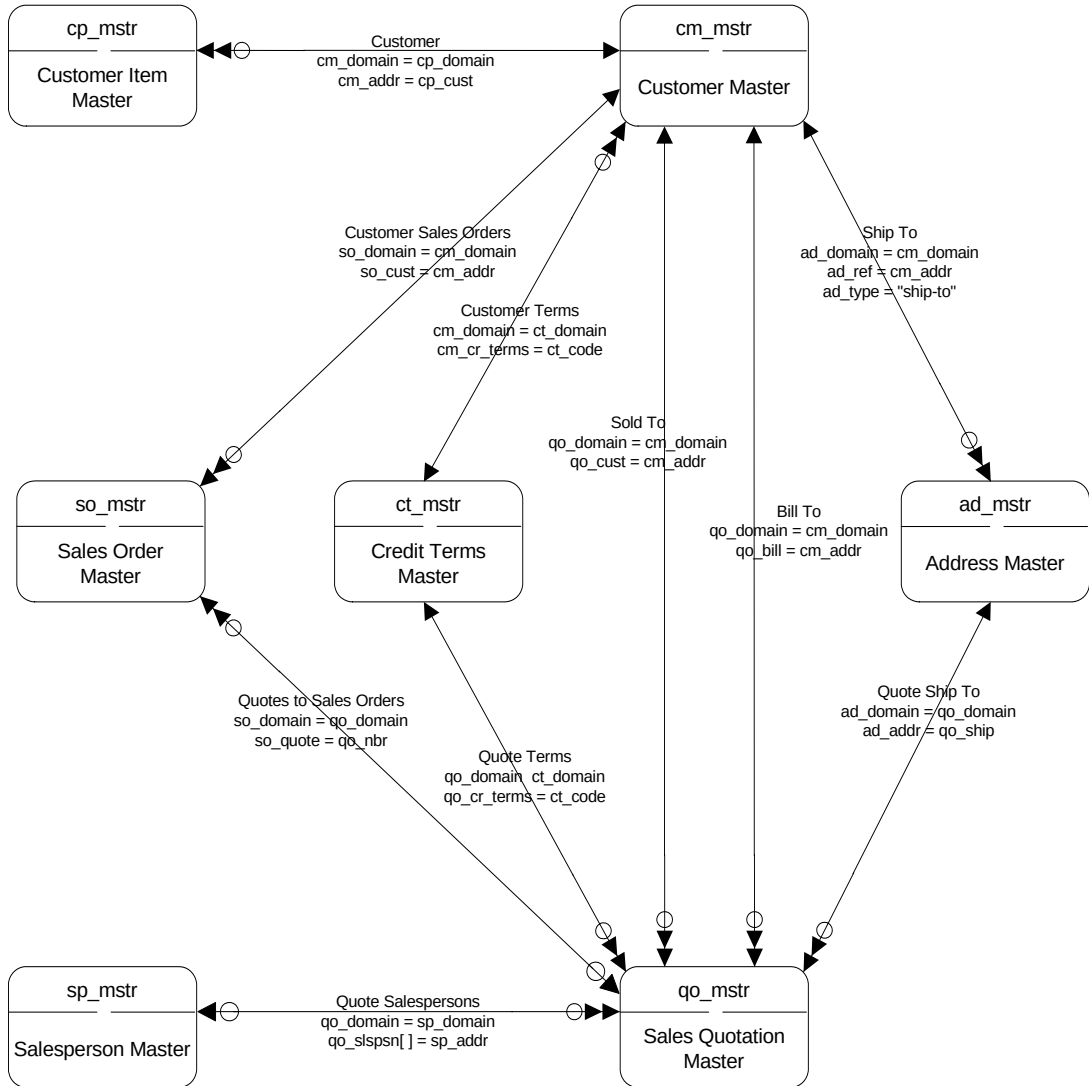


|                                                                                                 |                                                                                                            |
|-------------------------------------------------------------------------------------------------|--------------------------------------------------------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

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

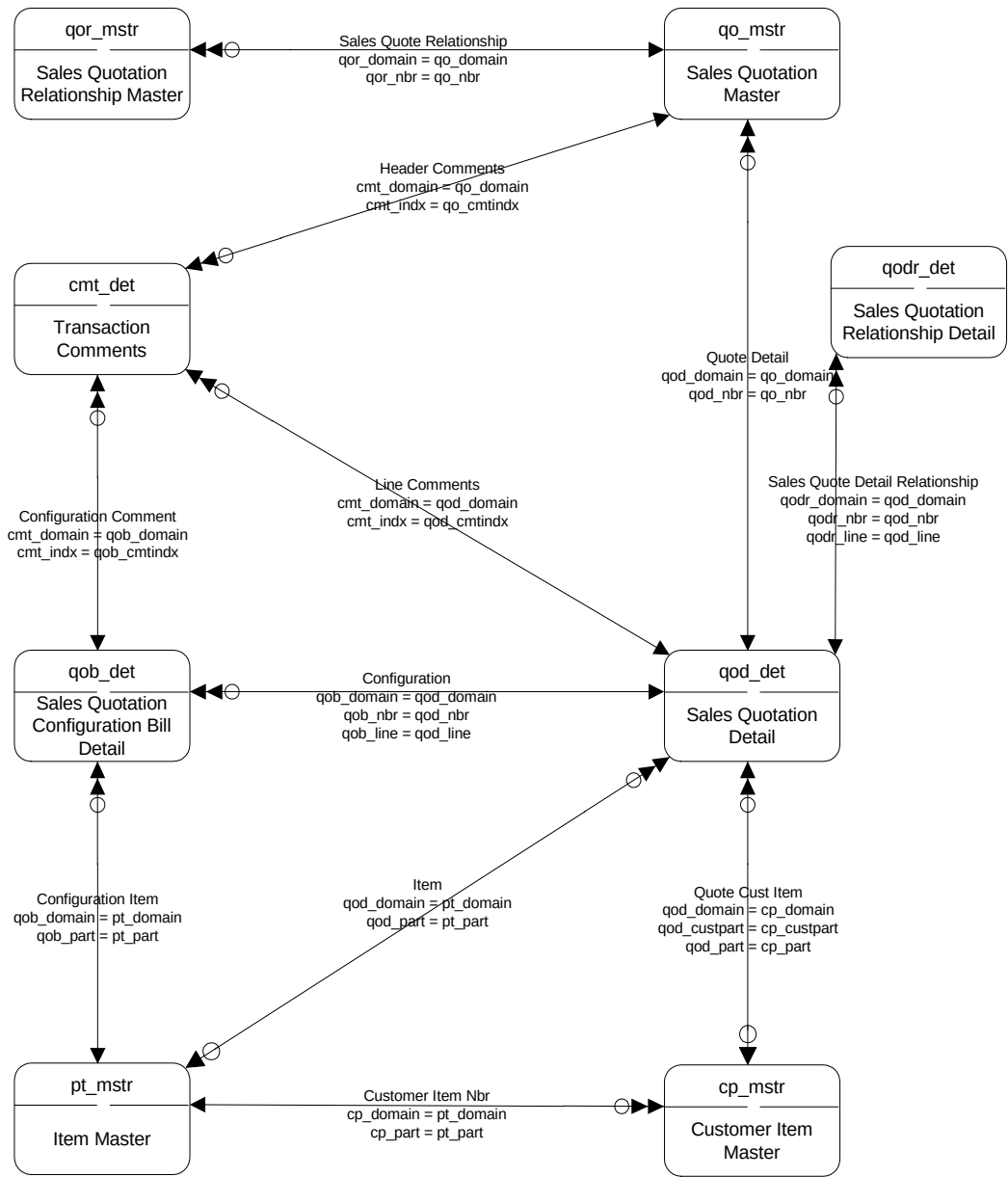
|                                                                                                        |                                                                                                              |
|--------------------------------------------------------------------------------------------------------|----------------------------------------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

# Sales Quotations I



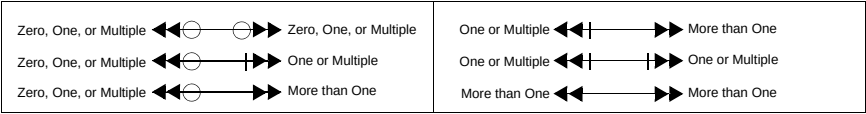
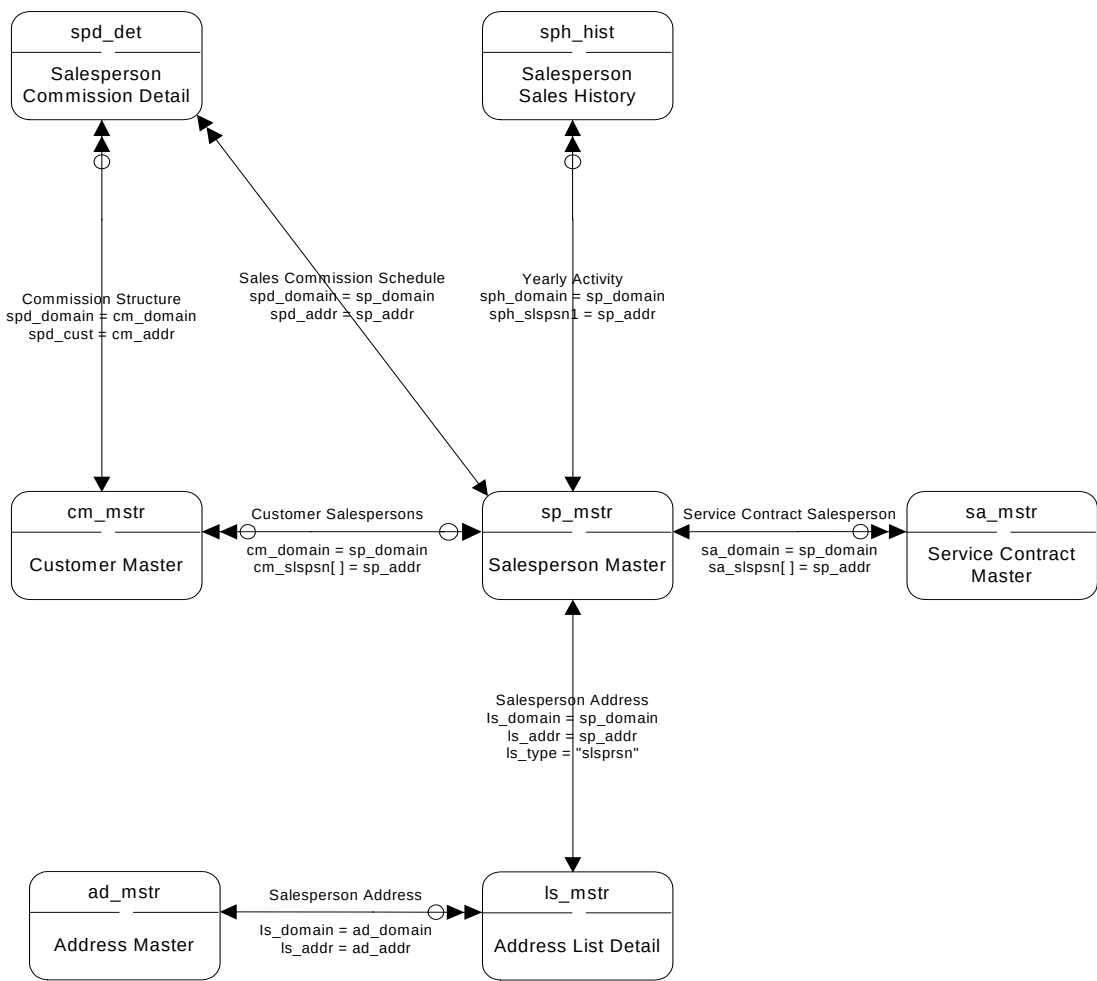
|                        |                        |                 |                 |
|------------------------|------------------------|-----------------|-----------------|
| Zero, One, or Multiple | Zero, One, or Multiple | One or Multiple | More than One   |
| Zero, One, or Multiple | One or Multiple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

# Sales Quotations II

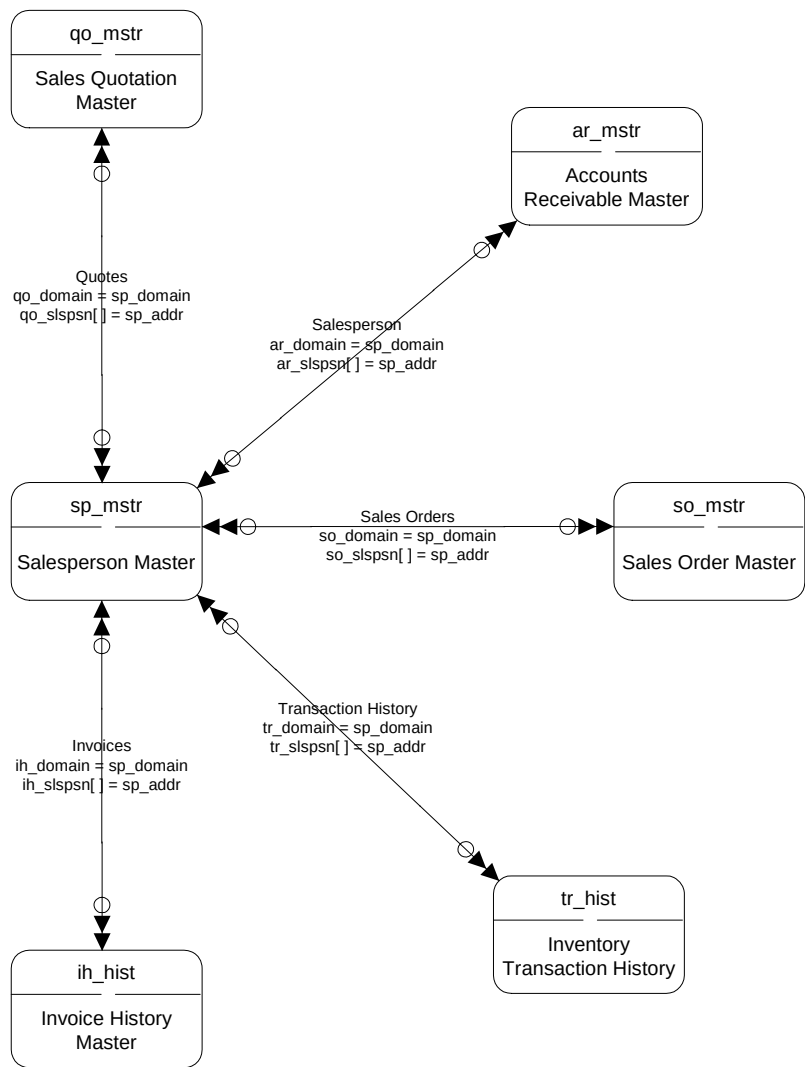


|             |                        |                  |                  |                  |                        |
|-------------|------------------------|------------------|------------------|------------------|------------------------|
| Zero or One | One and Only One       | Zero or One  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

# Salesperson I

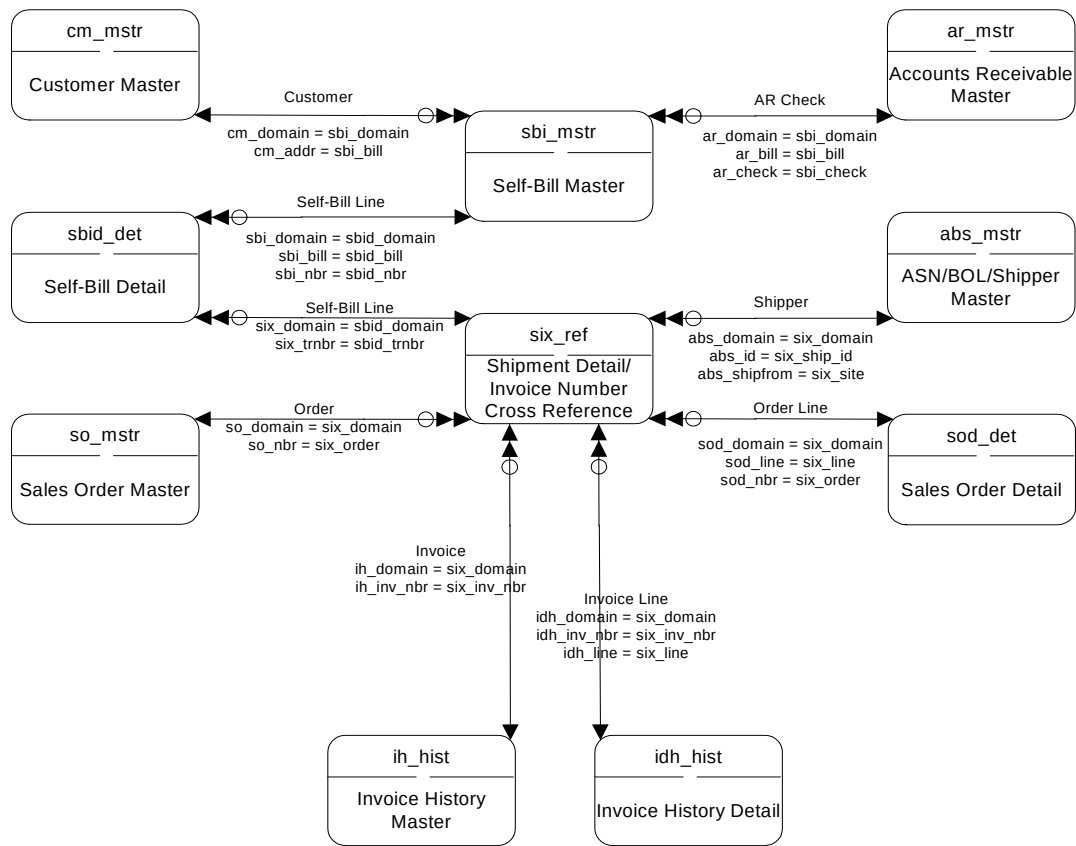


# Salesperson II



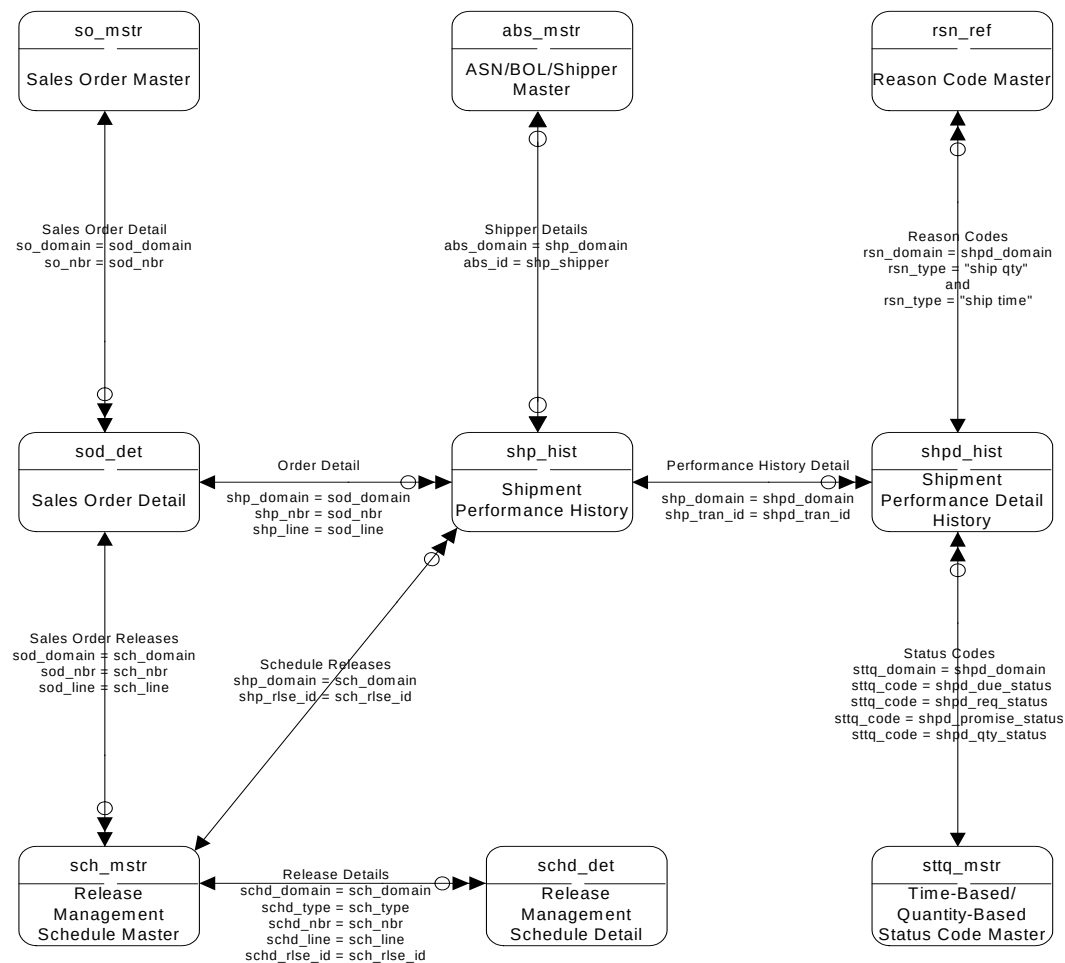
|             |                        |                  |                  |                  |                        |
|-------------|------------------------|------------------|------------------|------------------|------------------------|
| Zero or One | One and Only One       | Zero or One      | 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          |

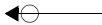
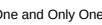
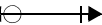
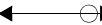
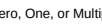
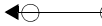
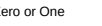
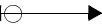
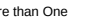
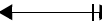
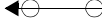
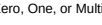
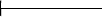
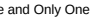
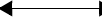
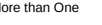
Self-Billing



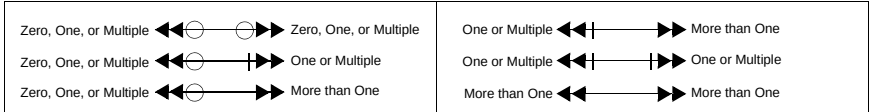
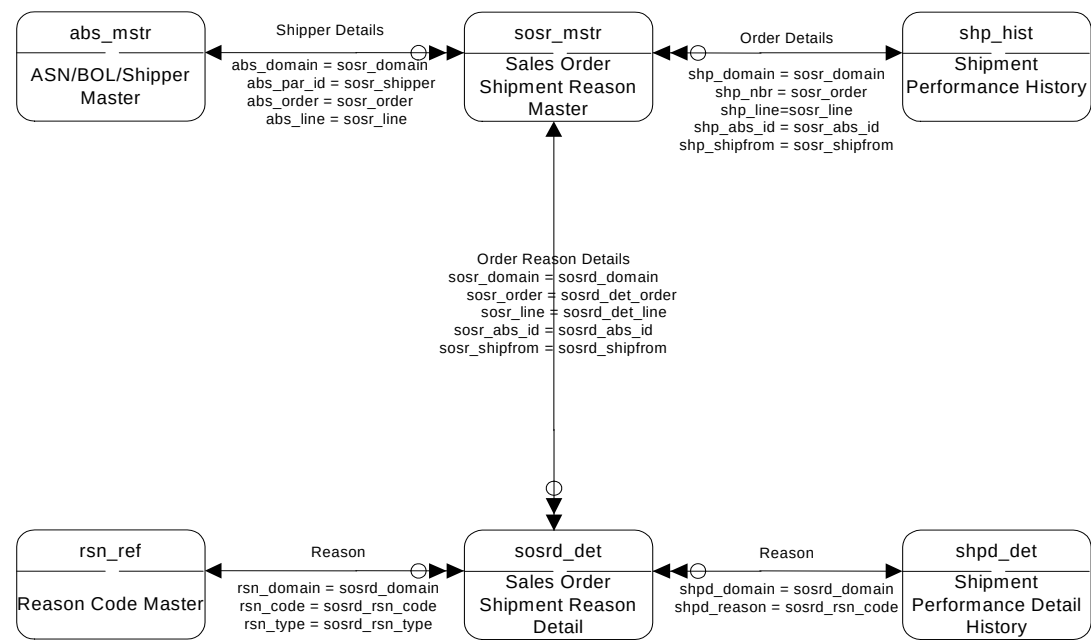
|                        |  |                        |                 |  |                 |
|------------------------|--|------------------------|-----------------|--|-----------------|
| Zero, One, or Multiple |  | Zero, One, or Multiple | One or Multiple |  | More than One   |
| Zero, One, or Multiple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

# Shipment Performance I

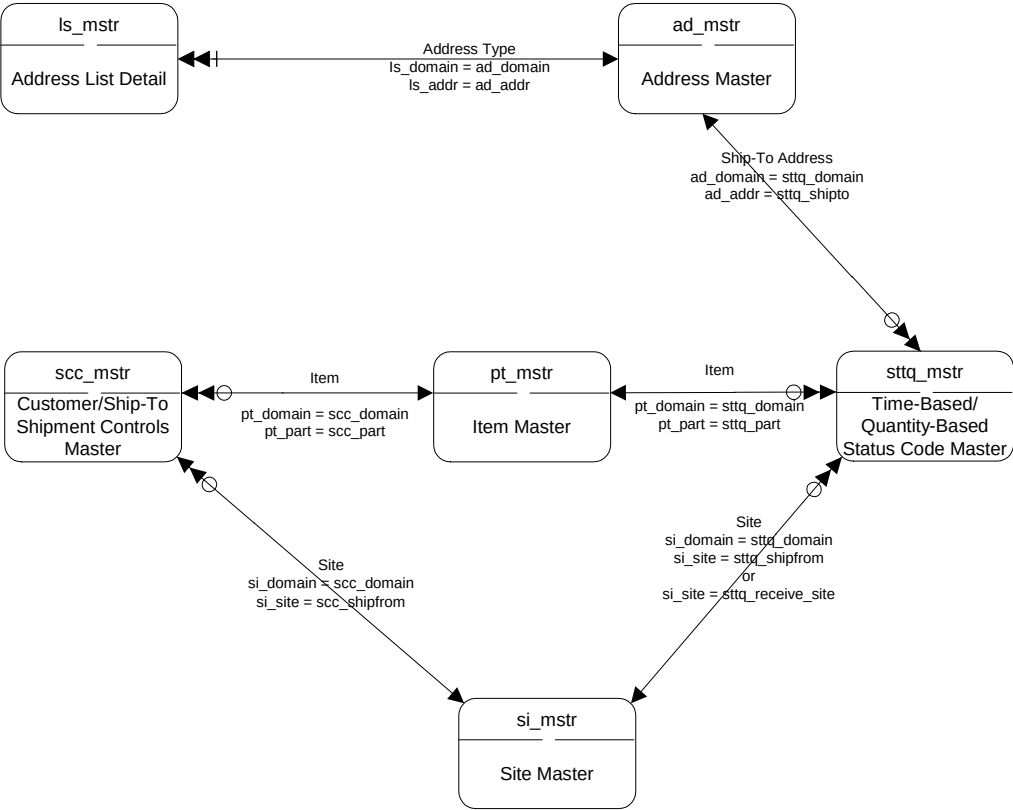


|                                                                                                 |                                                                                                            |                                                                                                      |                                                                                                      |                                                                                                        |                                                                                                              |
|-------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| 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           |

# Shipment Performance II

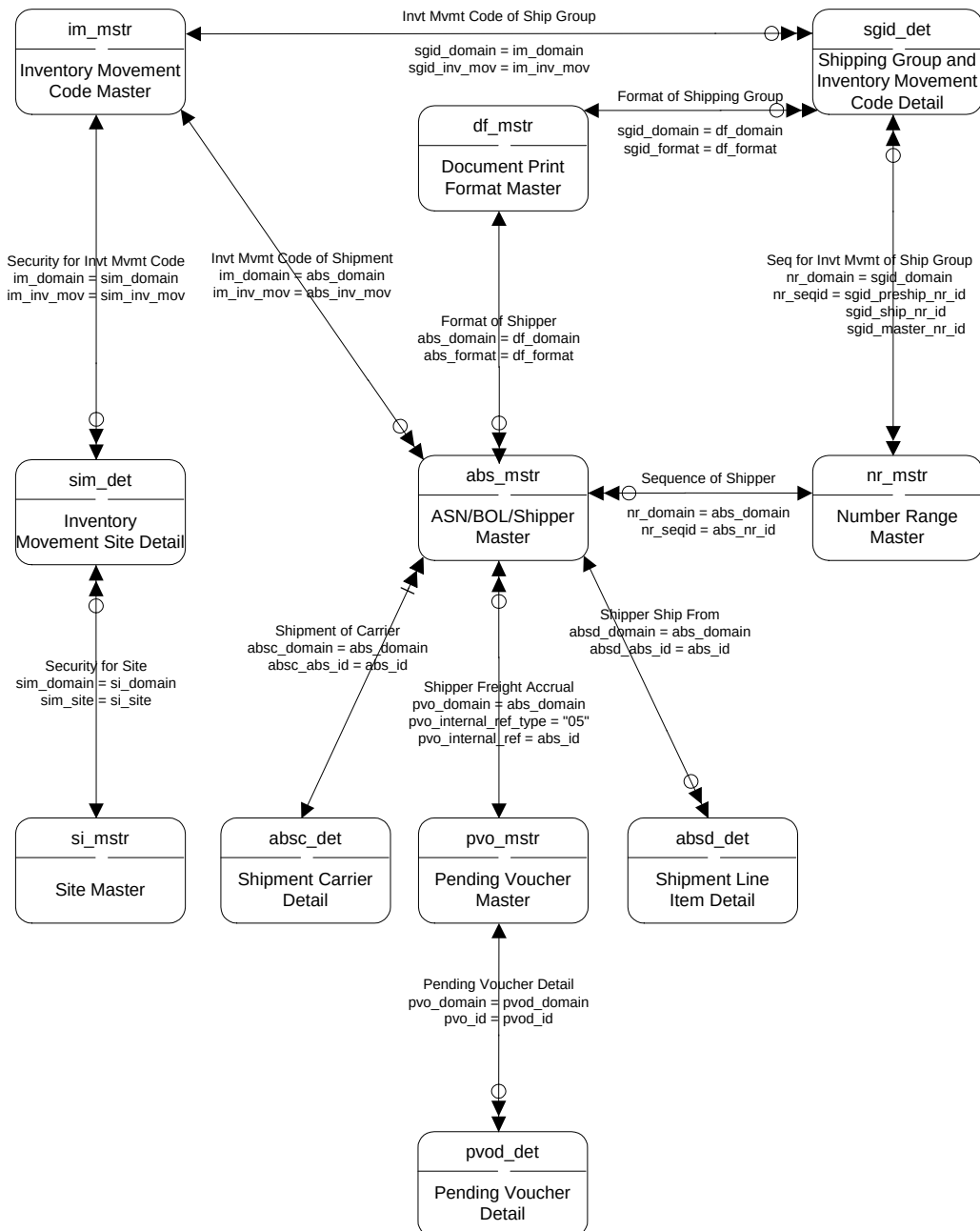


Shipment Performance III



|                                                                                                 |                                                                                                            |                                                                                                      |                                                                                                      |                                                                                                        |                                                                                                              |
|-------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| 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           |

# Shipping I



Zero, One, or Multiple

Zero, One, or Multiple

Zero, One, or Multiple

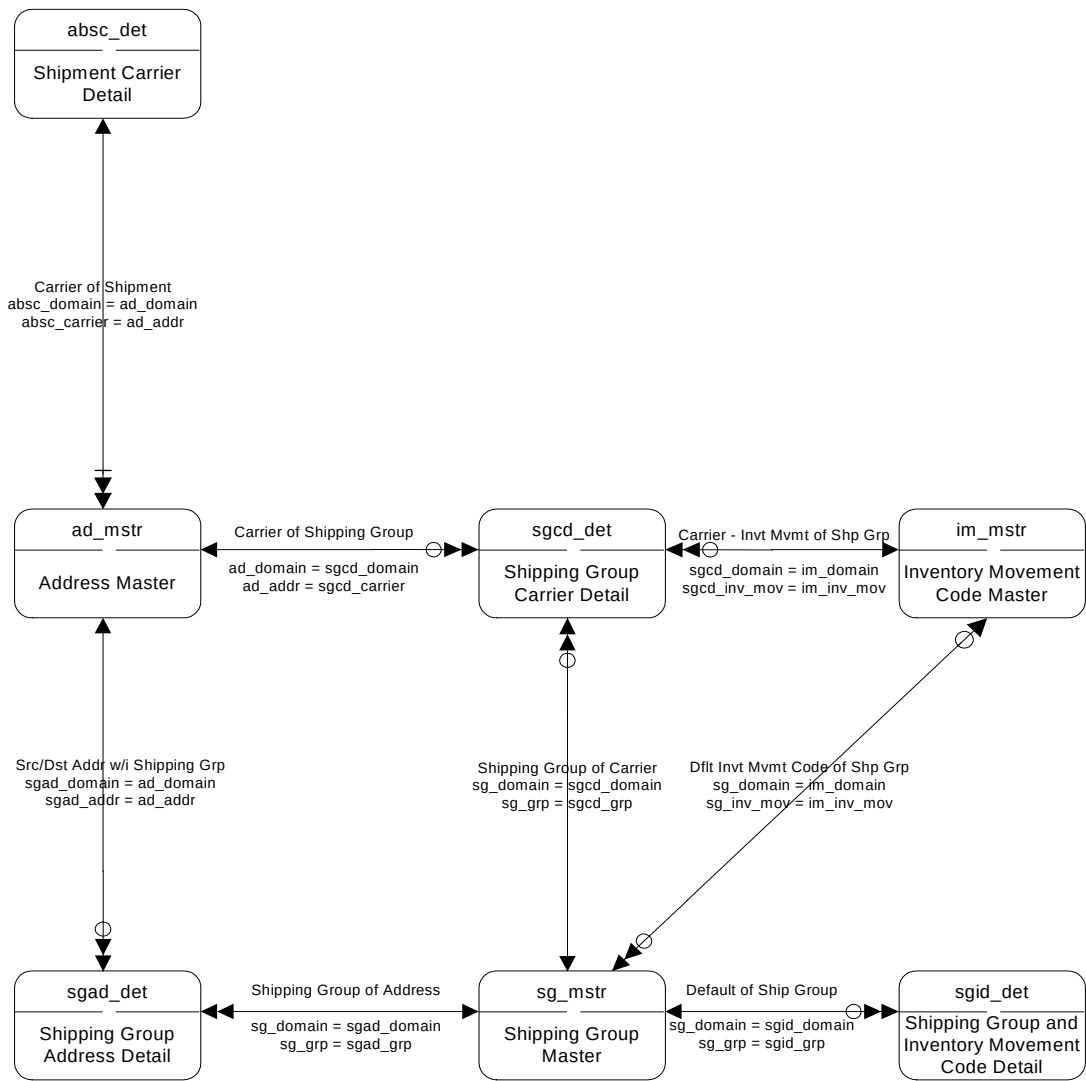
Zero, One, or Multiple

One or Multiple

One or Multiple

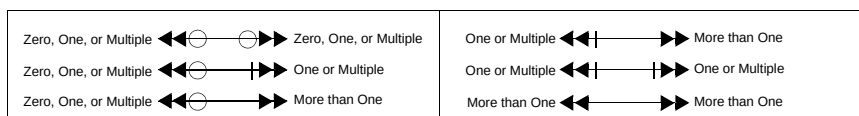
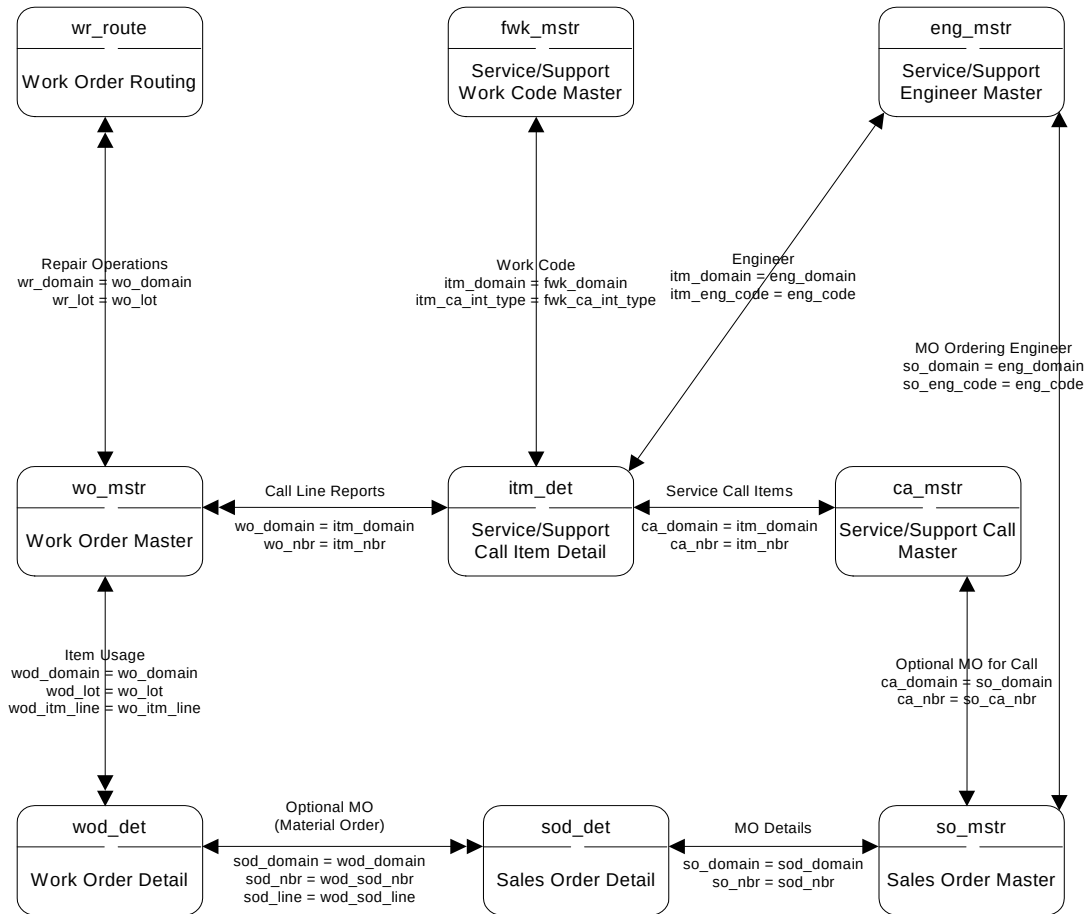
More than One

Shipping II

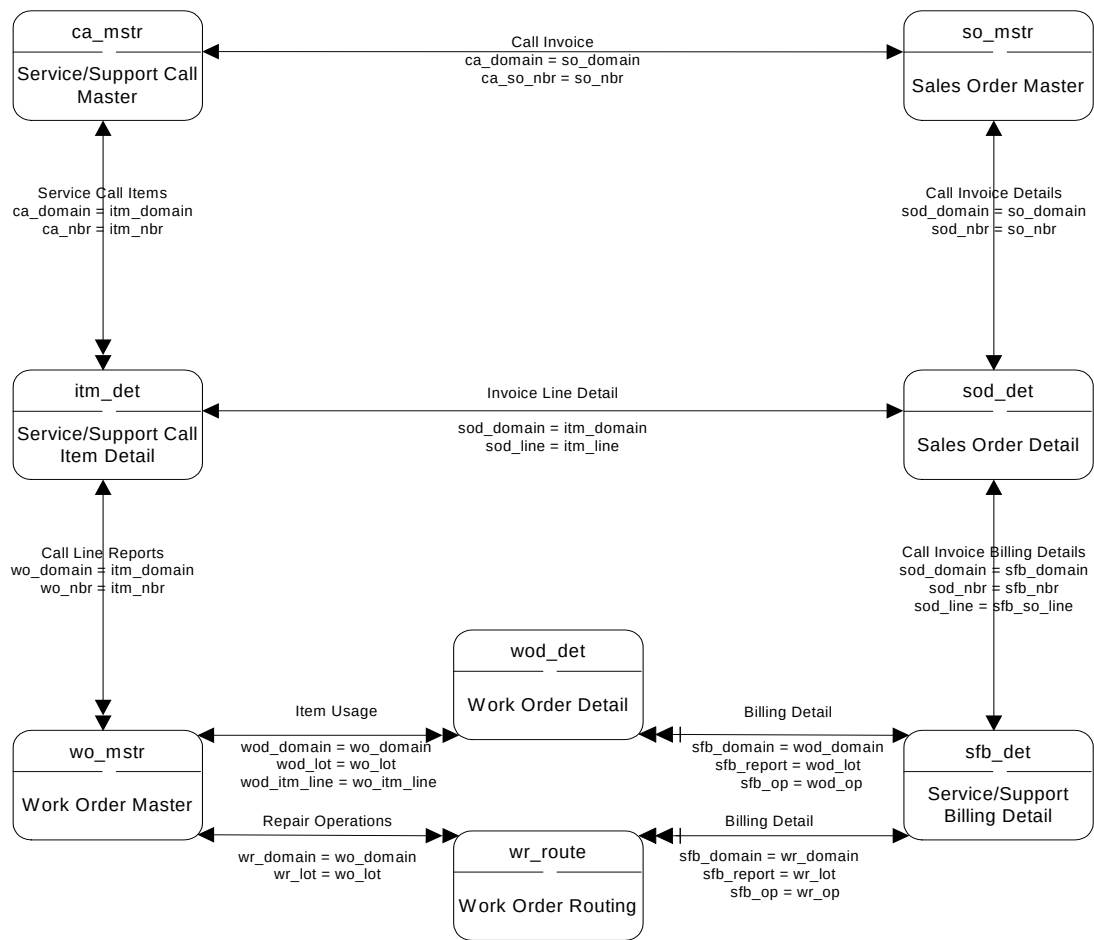


|             |                        |                  |                  |                  |                        |
|-------------|------------------------|------------------|------------------|------------------|------------------------|
| Zero or One | One and Only One       | Zero or One      | 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          |

## SSM – Call Activity Recording

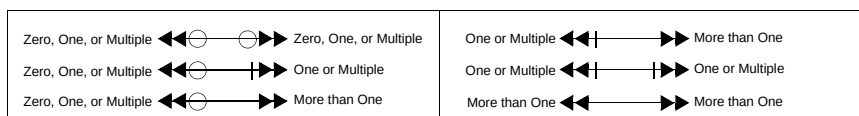
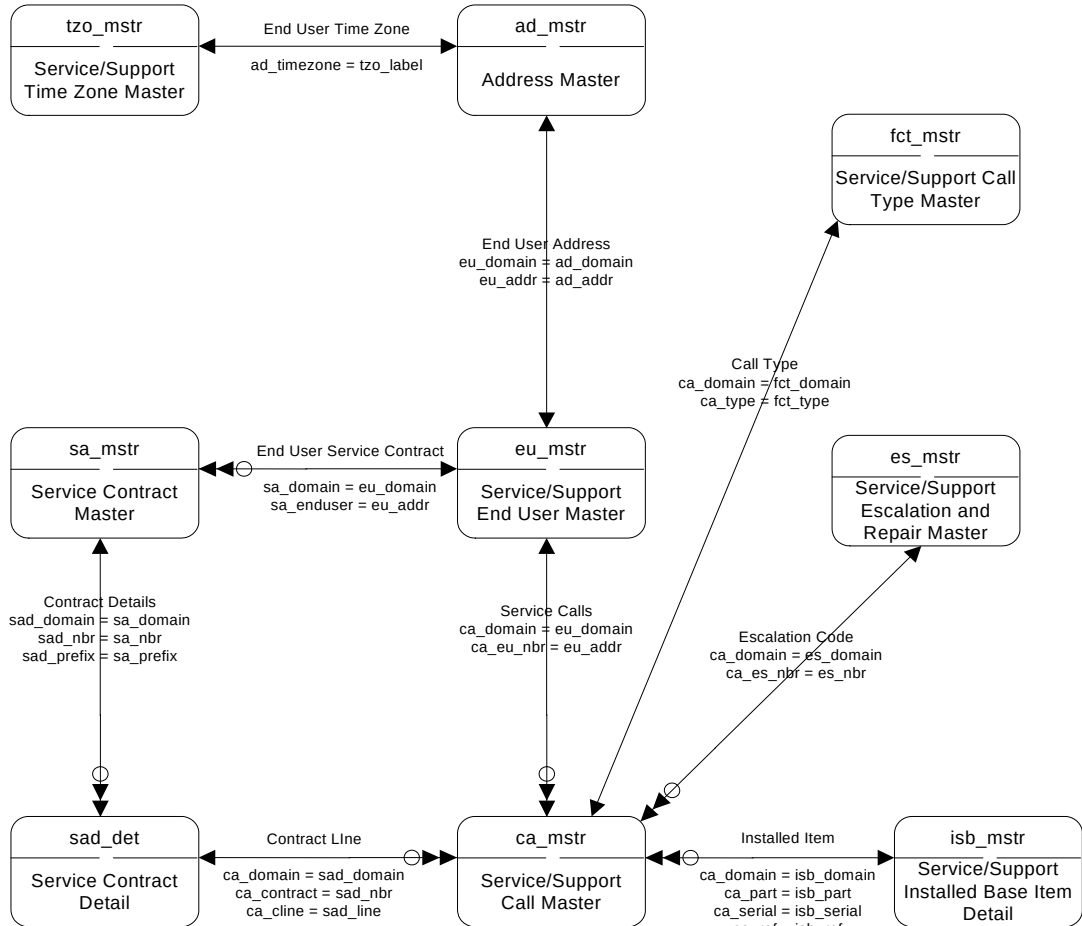


SSM – Call Invoice Recording

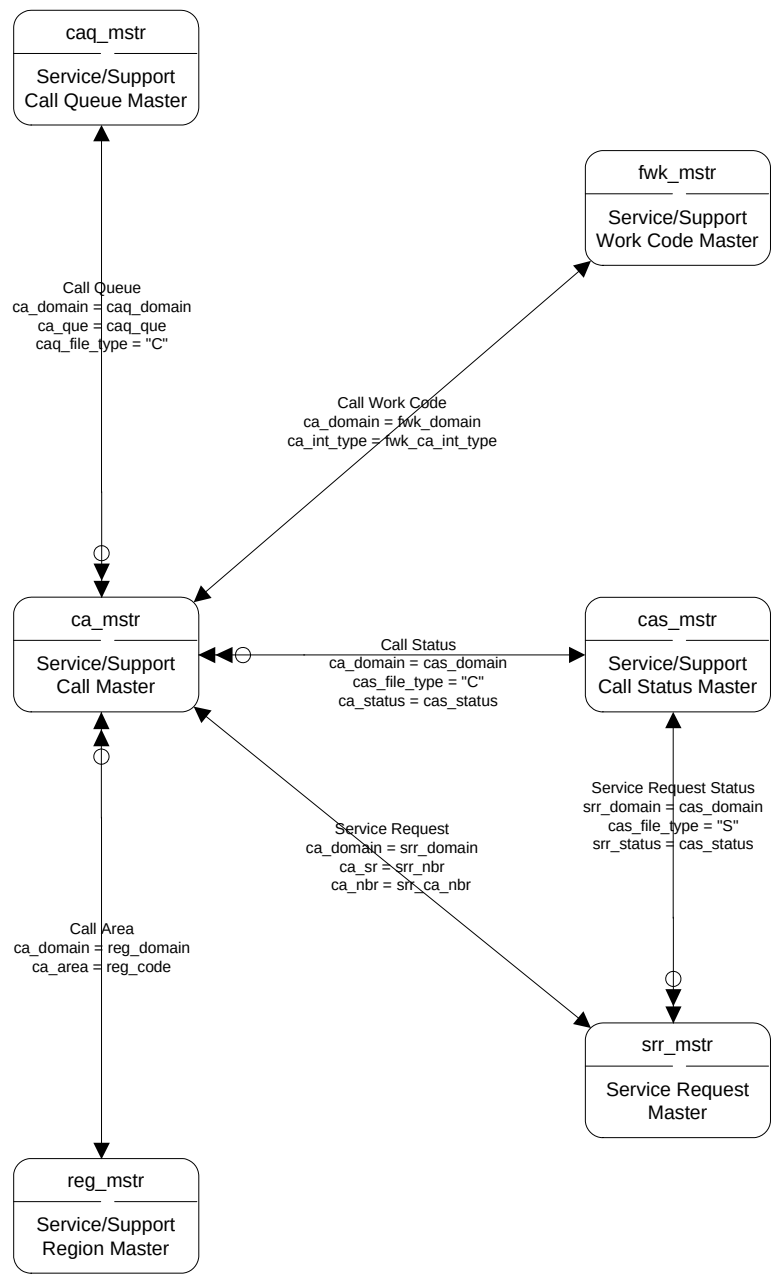


|                                                                                                 |                                                                                                            |                                                                                                      |                                                                                                      |                                                                                                      |                                                                                                              |
|-------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| 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           |

## SSM – Call Tracking I



SSM – Call Tracking II

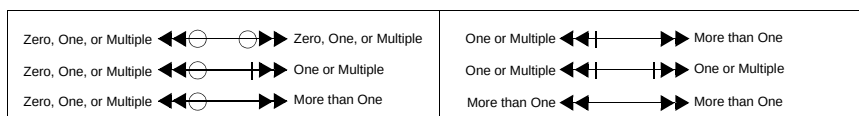
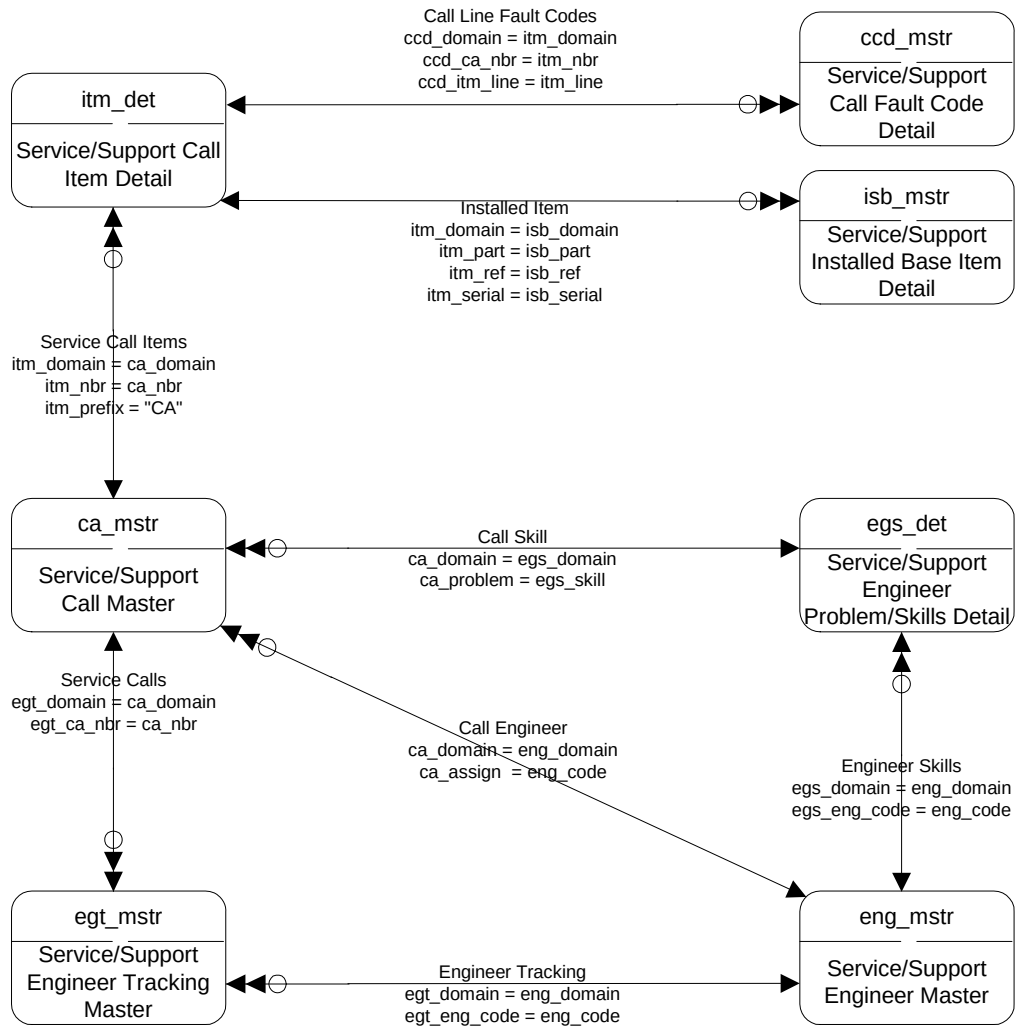


|                                                                                                 |                                                                                                            |
|-------------------------------------------------------------------------------------------------|--------------------------------------------------------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

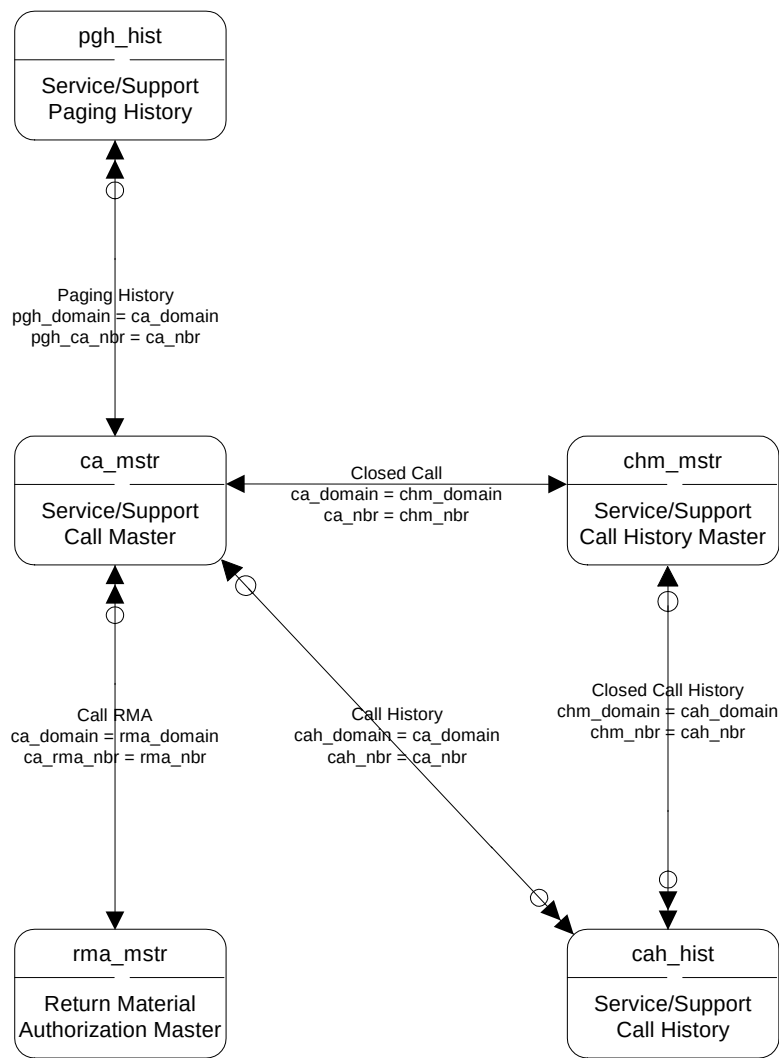
|                                                                                                      |                                                                                                      |
|------------------------------------------------------------------------------------------------------|----------------------------------------------------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

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

## SSM – Call Tracking III

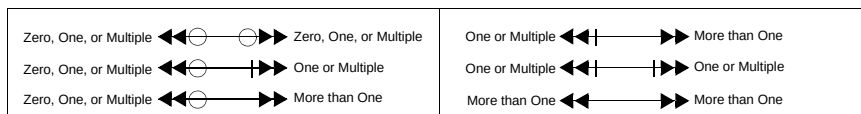
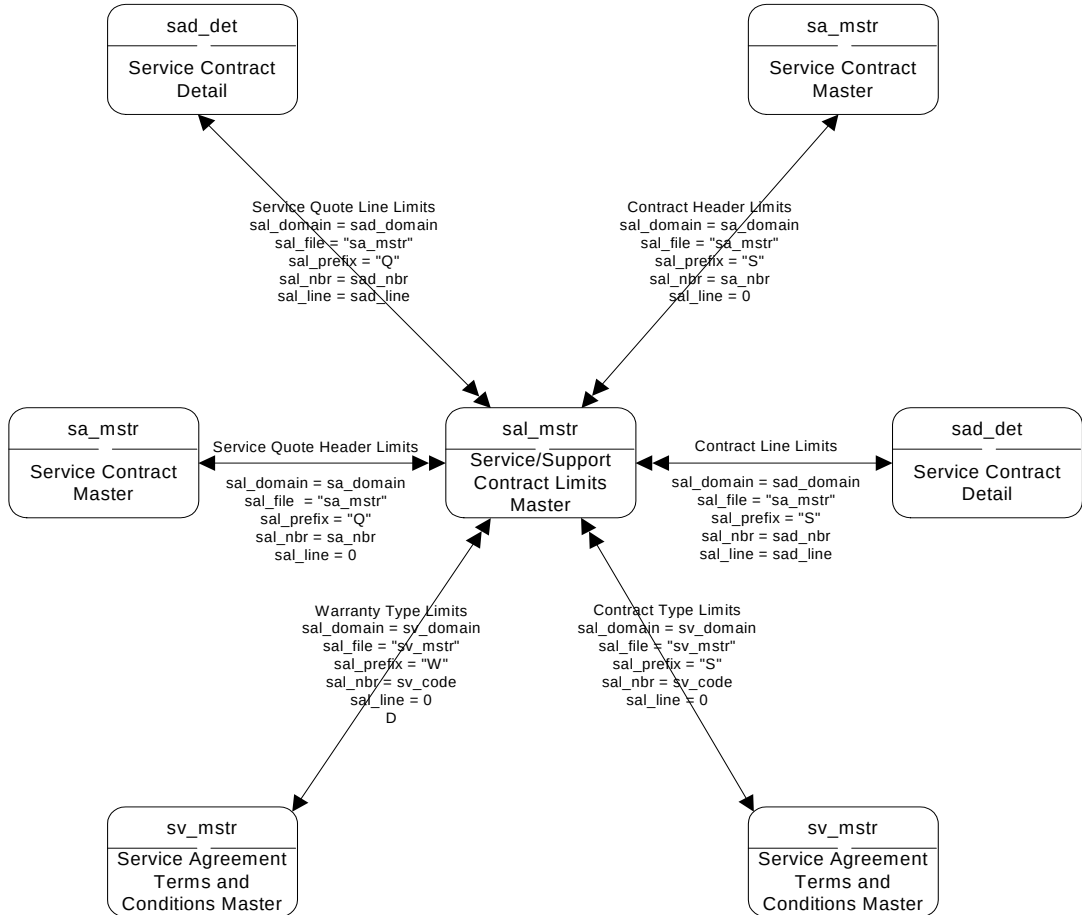


SSM – Call Tracking IV

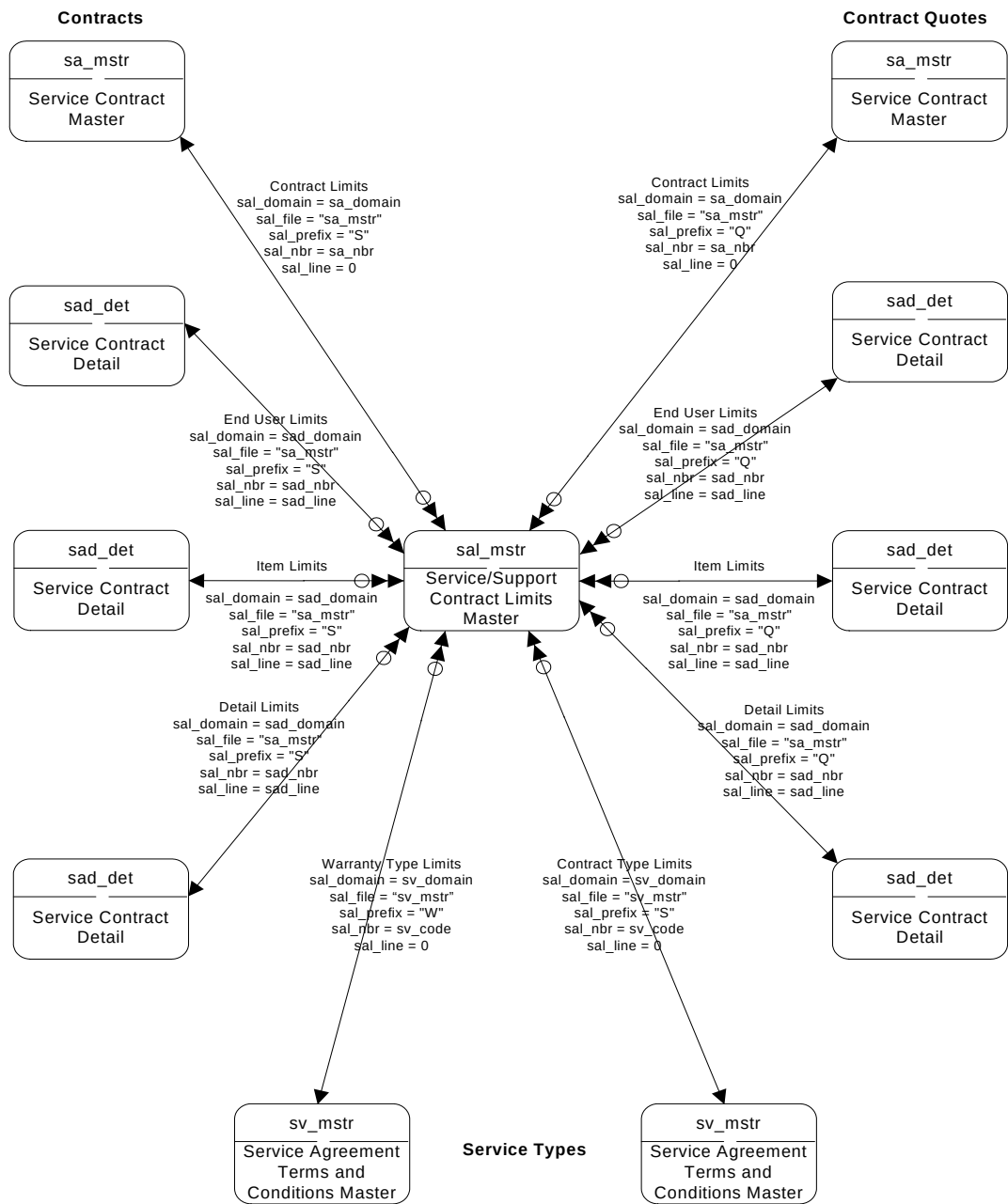


|             |                        |                  |                  |                  |                        |
|-------------|------------------------|------------------|------------------|------------------|------------------------|
| Zero or One | One and Only One       | Zero or One      | 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          |

## SSM – Coverage Limits I

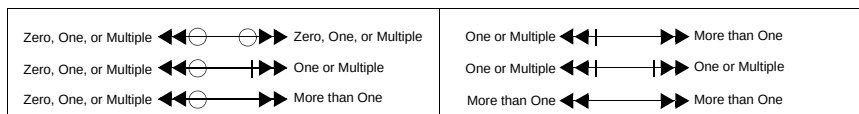
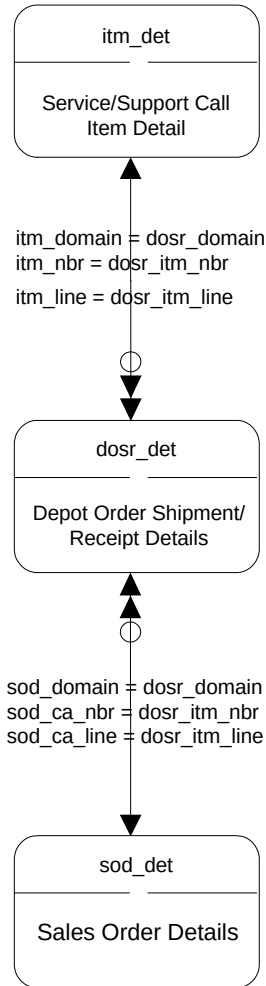


SSM – Coverage Limits II

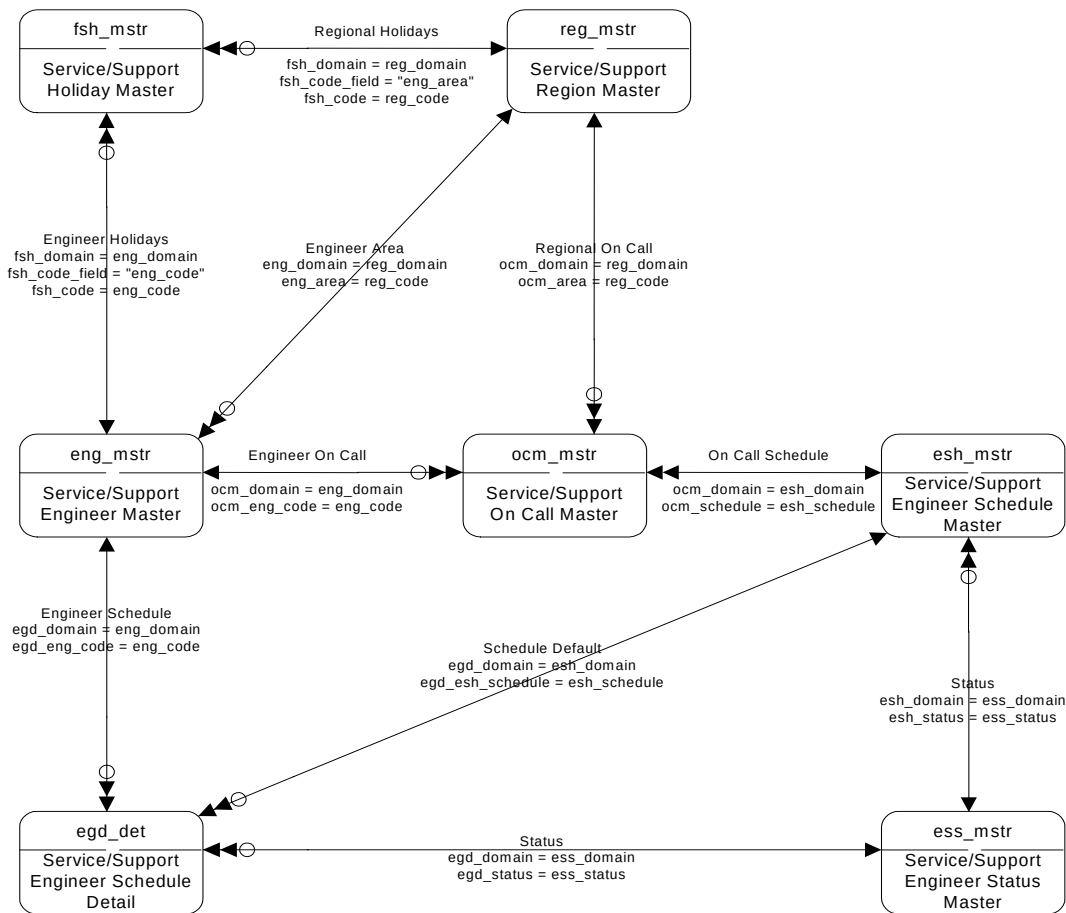


|             |                        |                  |                  |                  |                        |
|-------------|------------------------|------------------|------------------|------------------|------------------------|
| Zero or One | One and Only One       | Zero or One      | 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          |

## SSM – Depot Orders

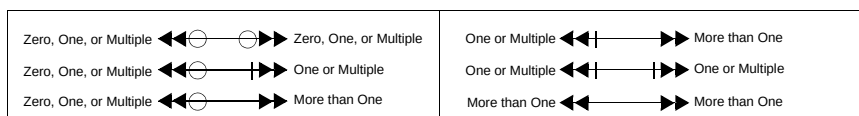
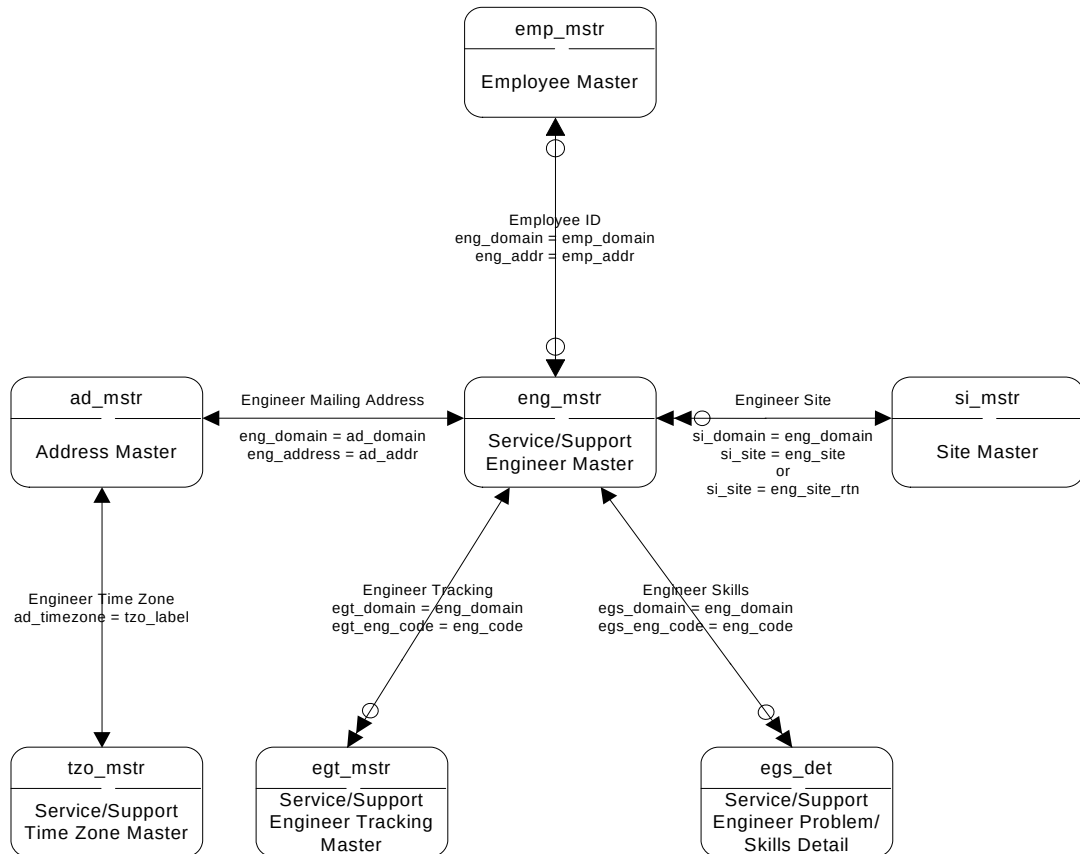


SSM – Engineers I

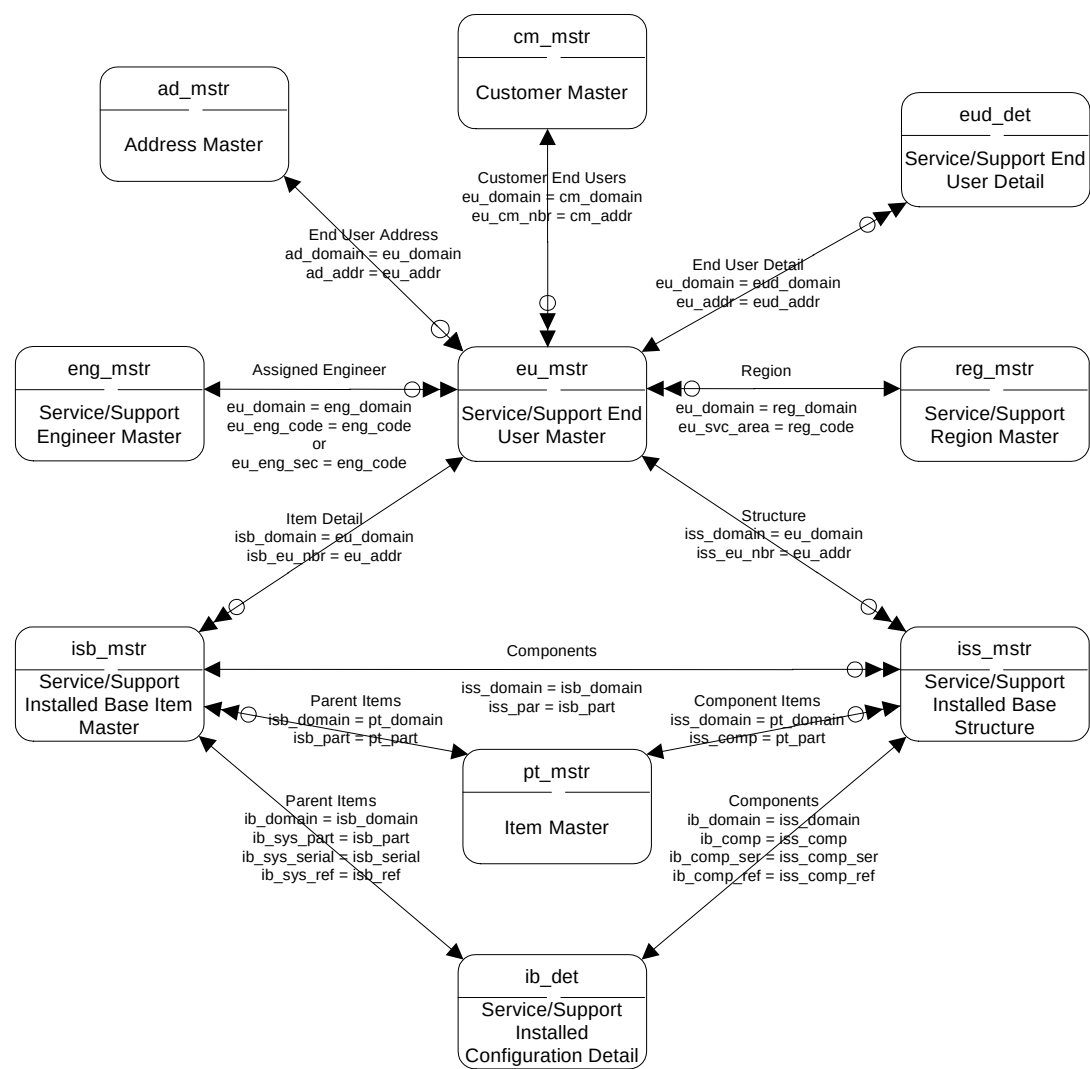


|             |                        |                  |                  |                  |                        |
|-------------|------------------------|------------------|------------------|------------------|------------------------|
| Zero or One | One and Only One       | Zero or One      | 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          |

## SSM – Engineers II

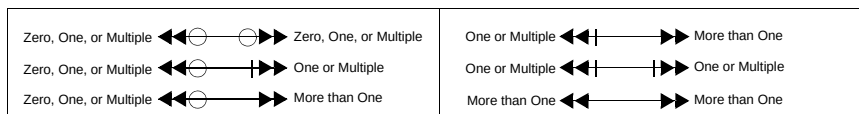
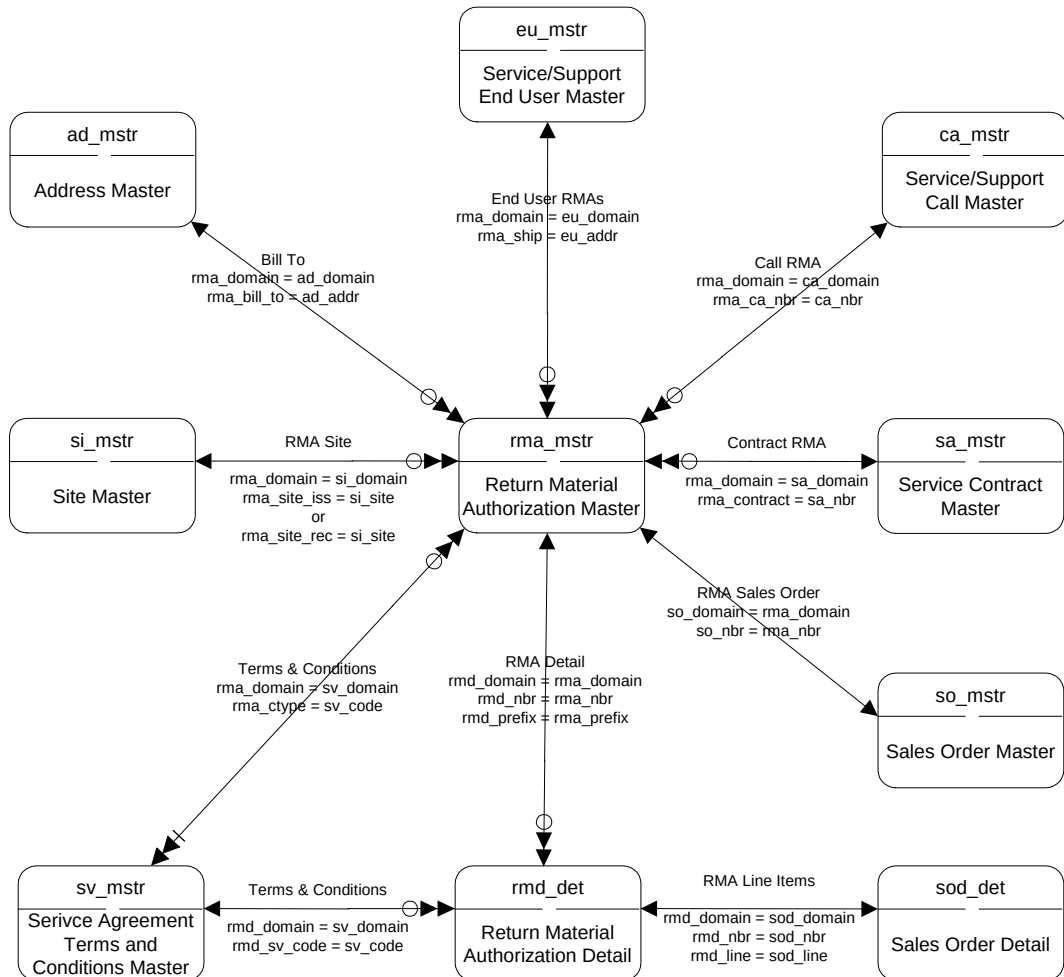


SSM – Installed Base

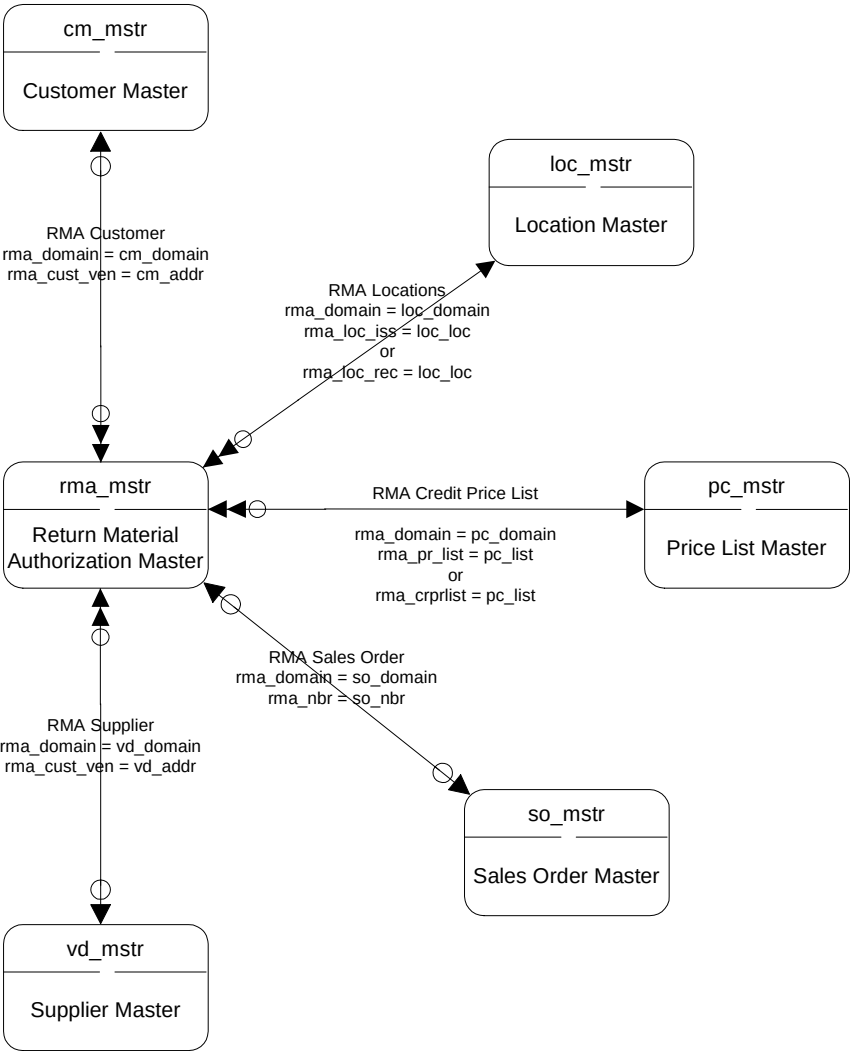


|             |                        |                  |                  |                  |                        |
|-------------|------------------------|------------------|------------------|------------------|------------------------|
| Zero or One | One and Only One       | Zero or One      | 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          |

## SSM – RMA I

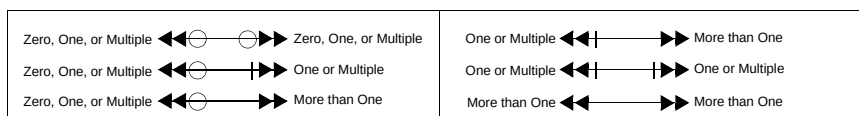
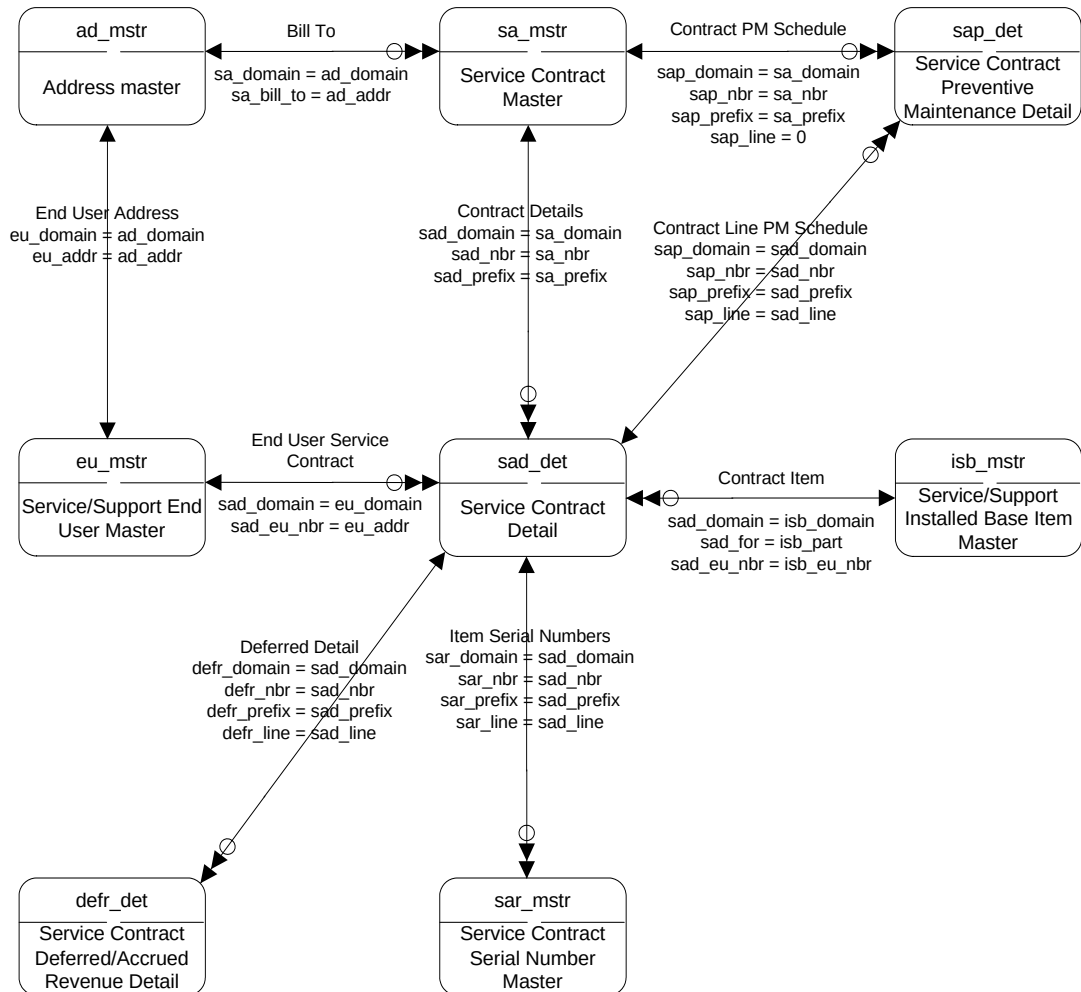


SSM – RMA II

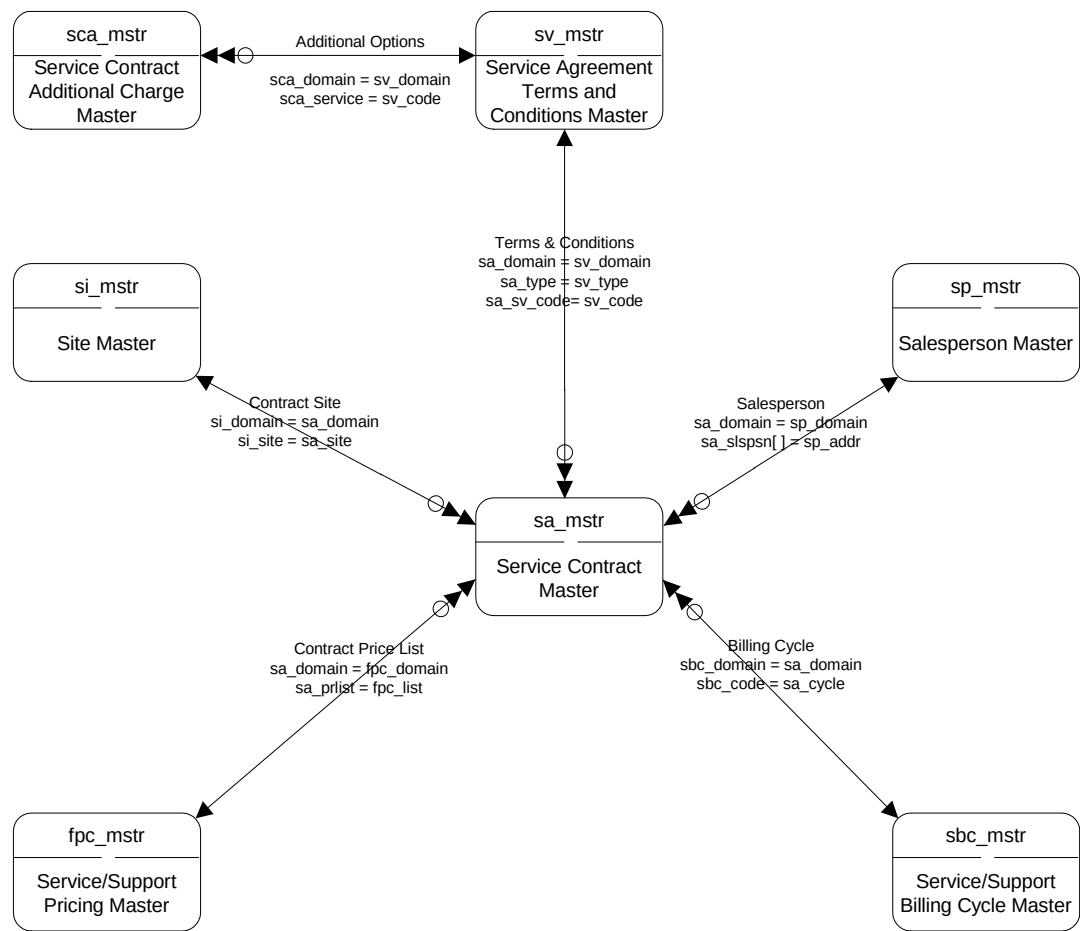


|             |                        |                  |                  |                  |                        |
|-------------|------------------------|------------------|------------------|------------------|------------------------|
| Zero or One | One and Only One       | Zero or One      | 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          |

## SSM – Service Contracts I

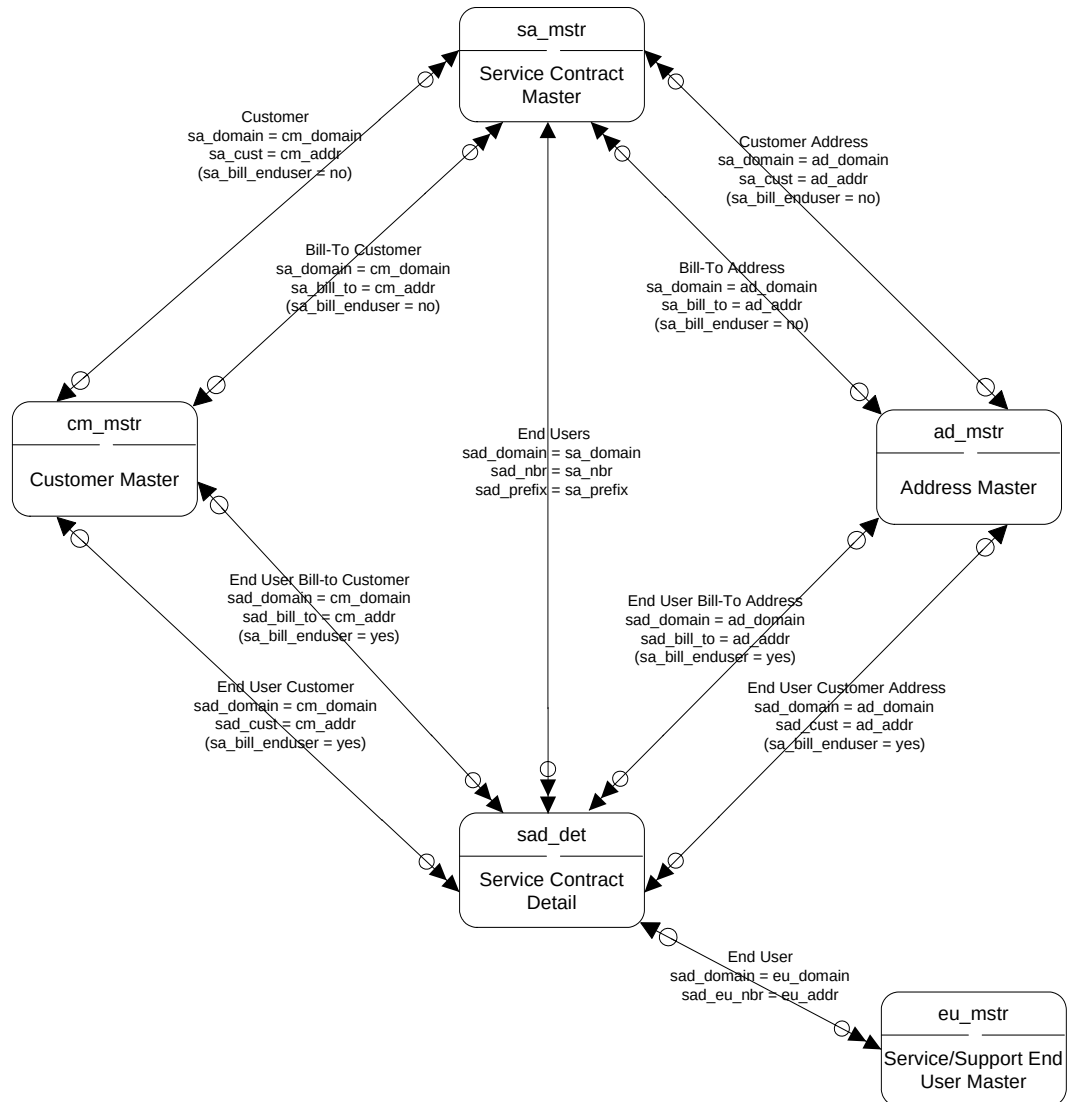


SSM – Service Contracts II

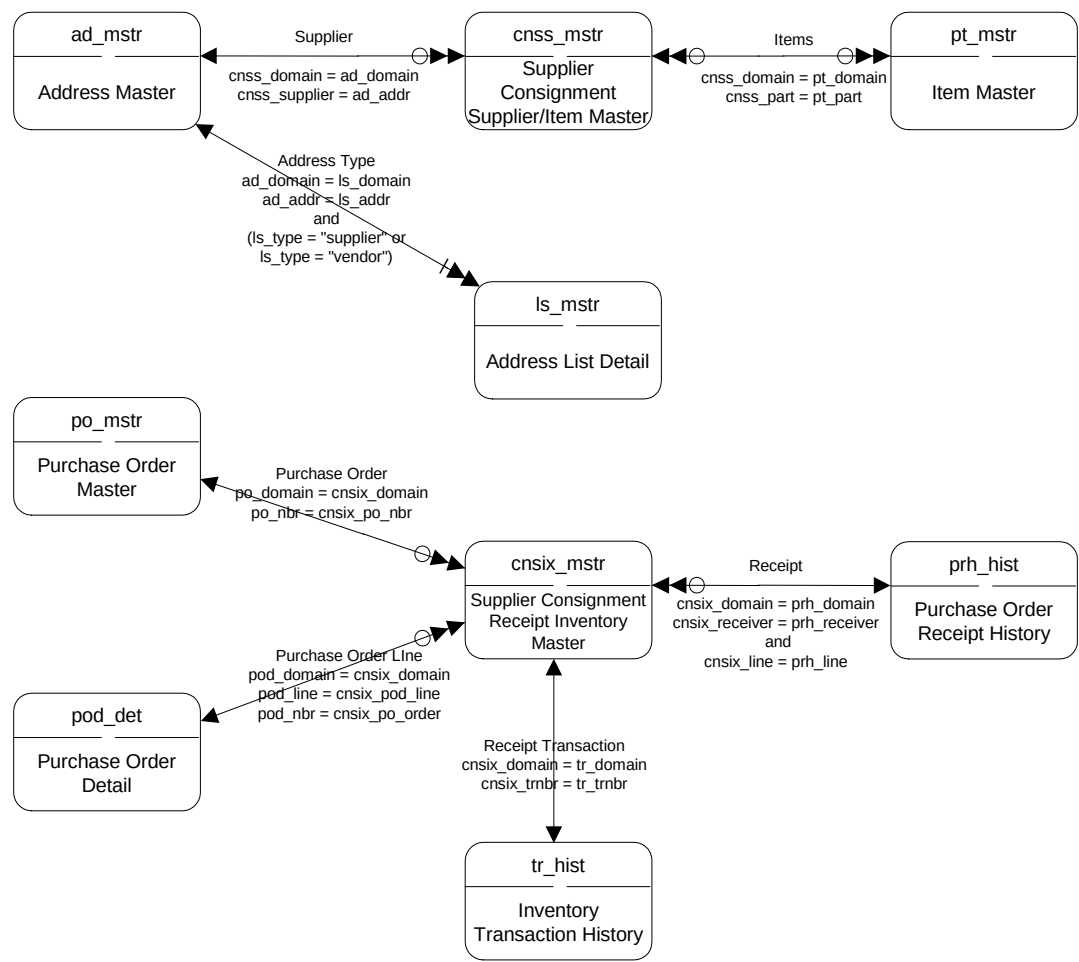


|                                                                                                 |                                                                                                            |                                                                                                      |                                                                                                      |                                                                                                      |                                                                                                              |
|-------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| 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           |

## SSM – Service Contracts III



# Supplier Consignment I

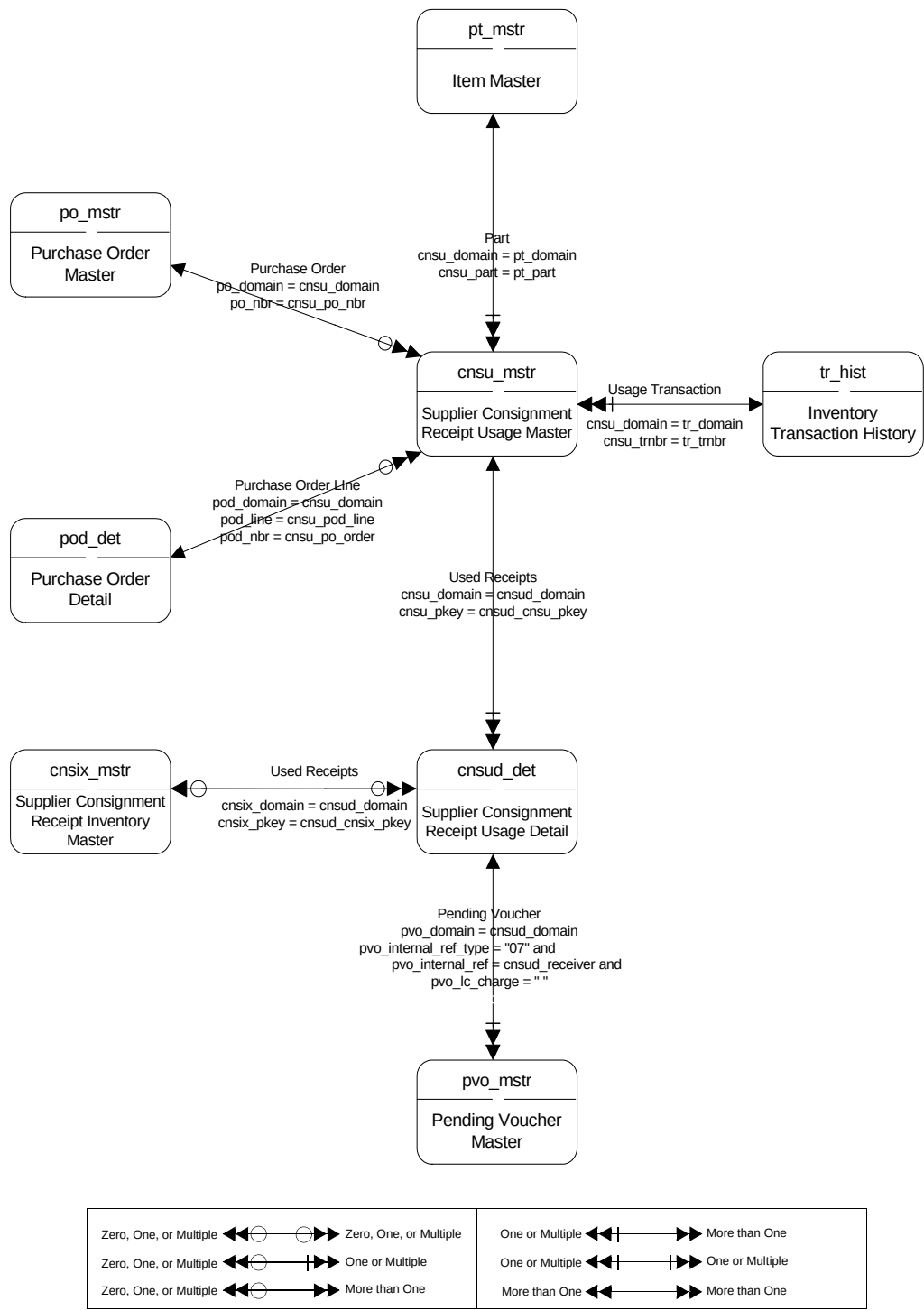


|             |                        |
|-------------|------------------------|
| Zero or One | One and Only One       |
| Zero or One | Zero or One            |
| Zero or One | Zero, One, or Multiple |

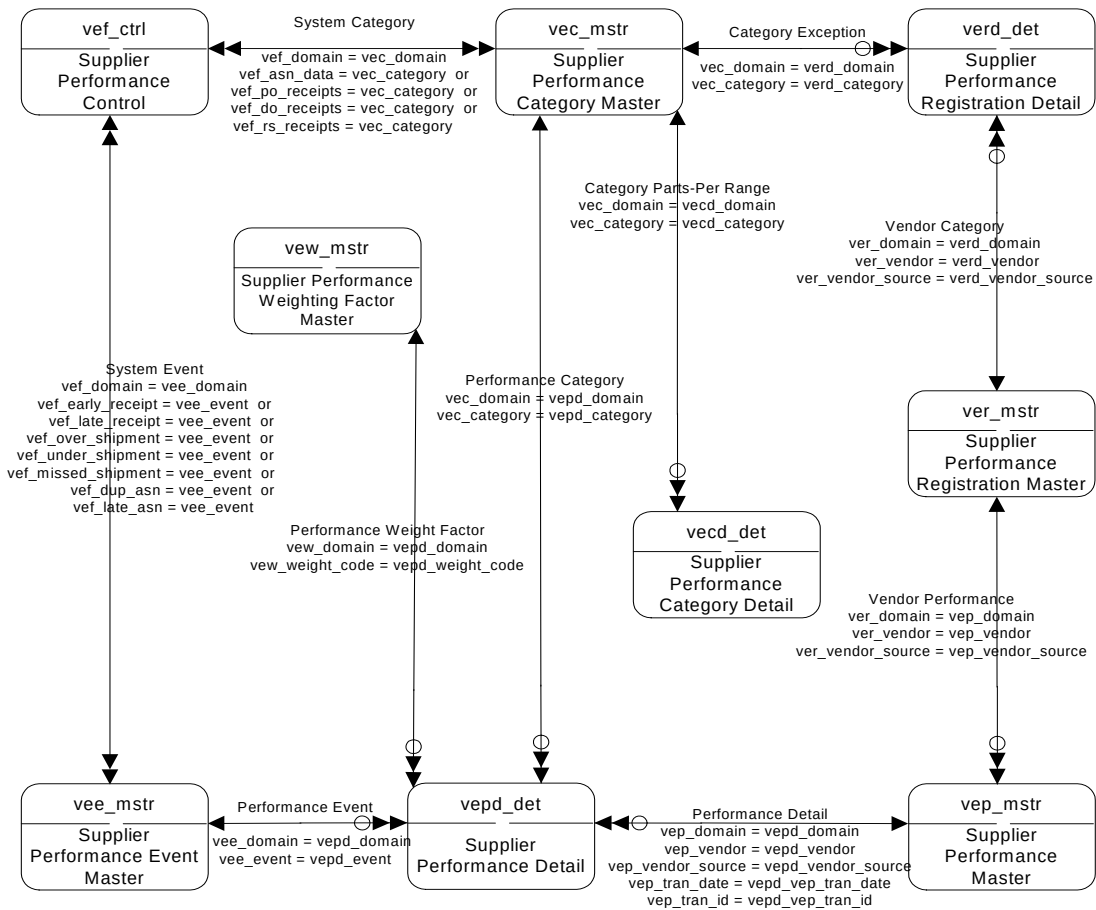
|                  |                  |
|------------------|------------------|
| Zero or One      | One or Multiple  |
| Zero or One      | More than One    |
| One and Only One | One and Only One |

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

## Supplier Consignment II

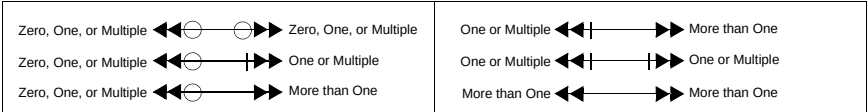
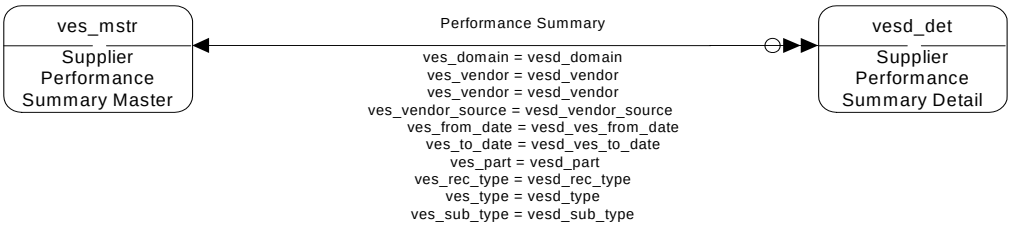


# Supplier Performance I

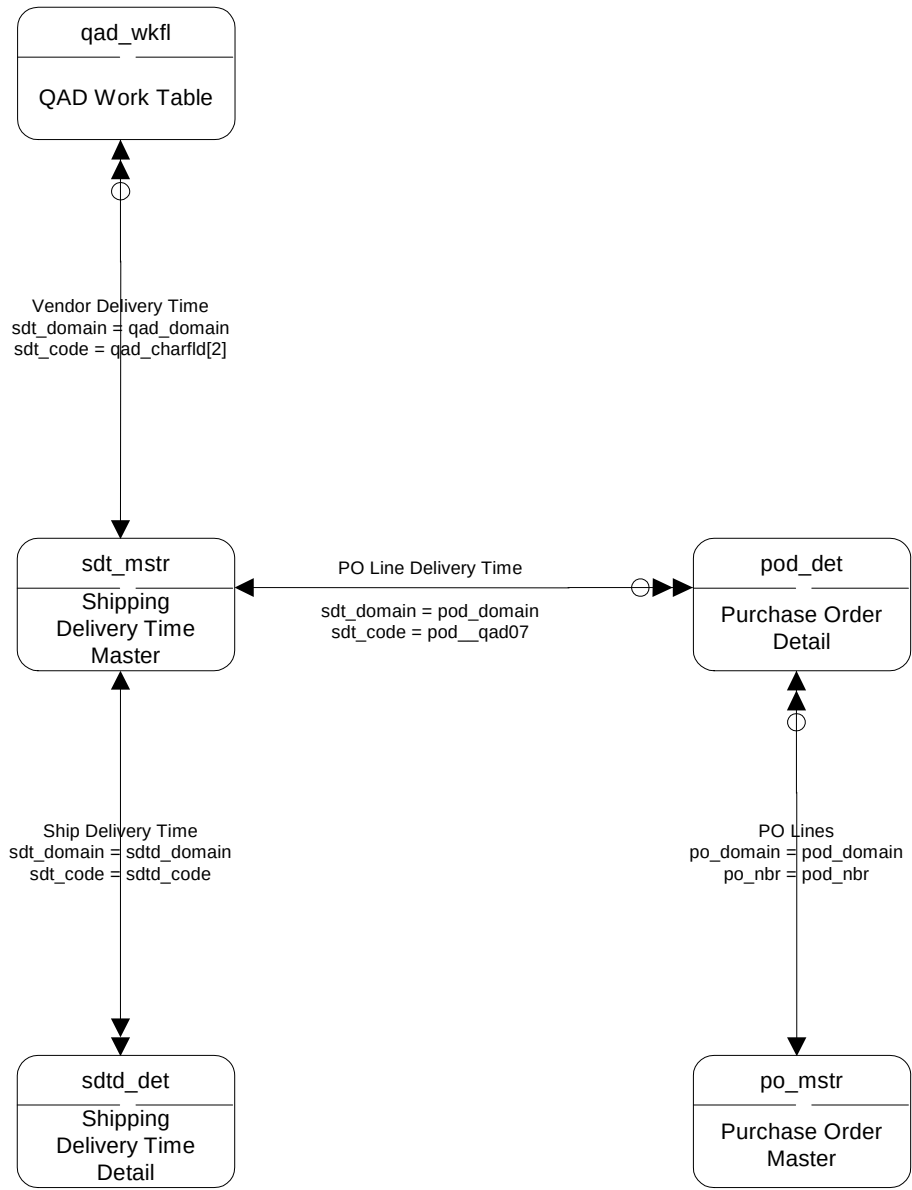


|             |                        |                  |                  |                  |                        |
|-------------|------------------------|------------------|------------------|------------------|------------------------|
| Zero or One | One and Only One       | Zero or One      | 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          |

## Supplier Performance II



# Supplier Shipping Schedules



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

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

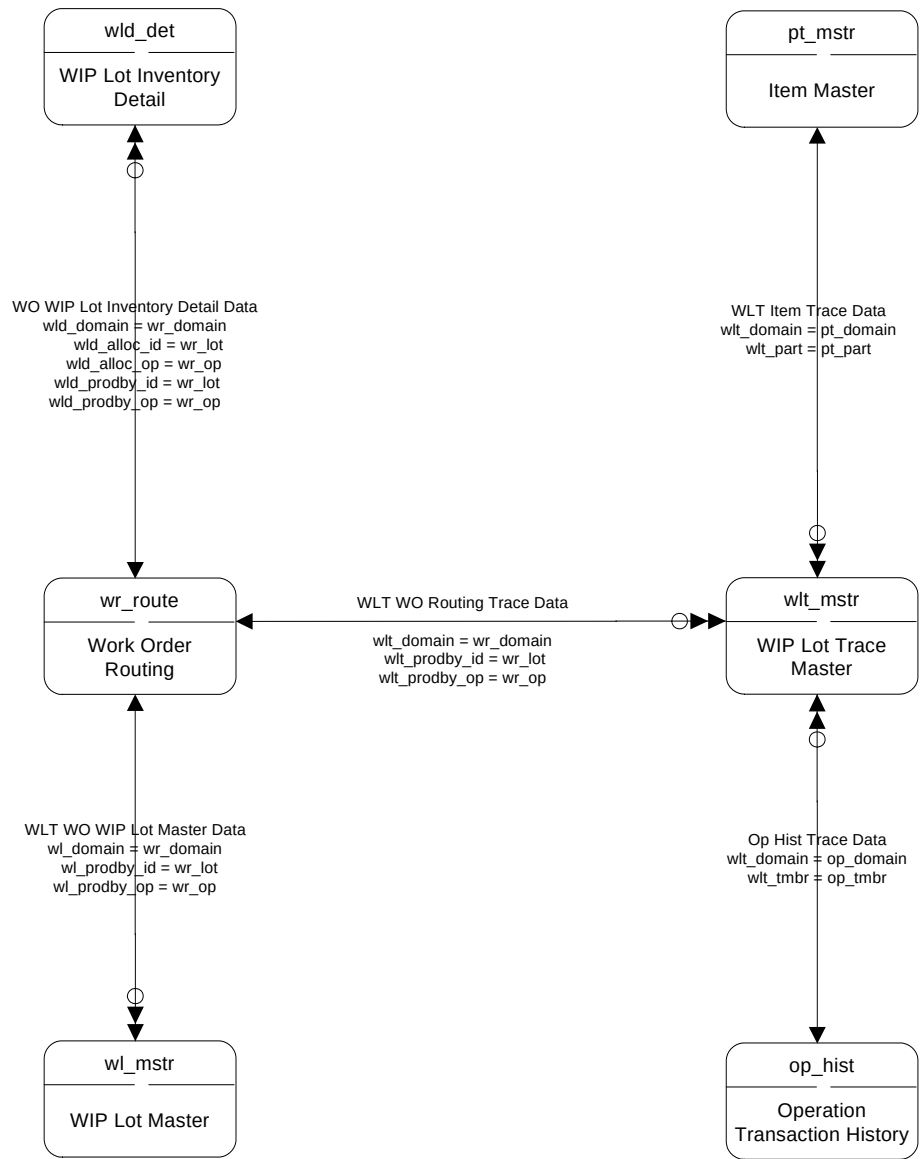
|                  |                        |
|------------------|------------------------|
| One and Only One | Zero, One, or Multiple |
| One and Only One | One or Multiple        |
| One and Only One | More than One          |

# Vendors (Suppliers)



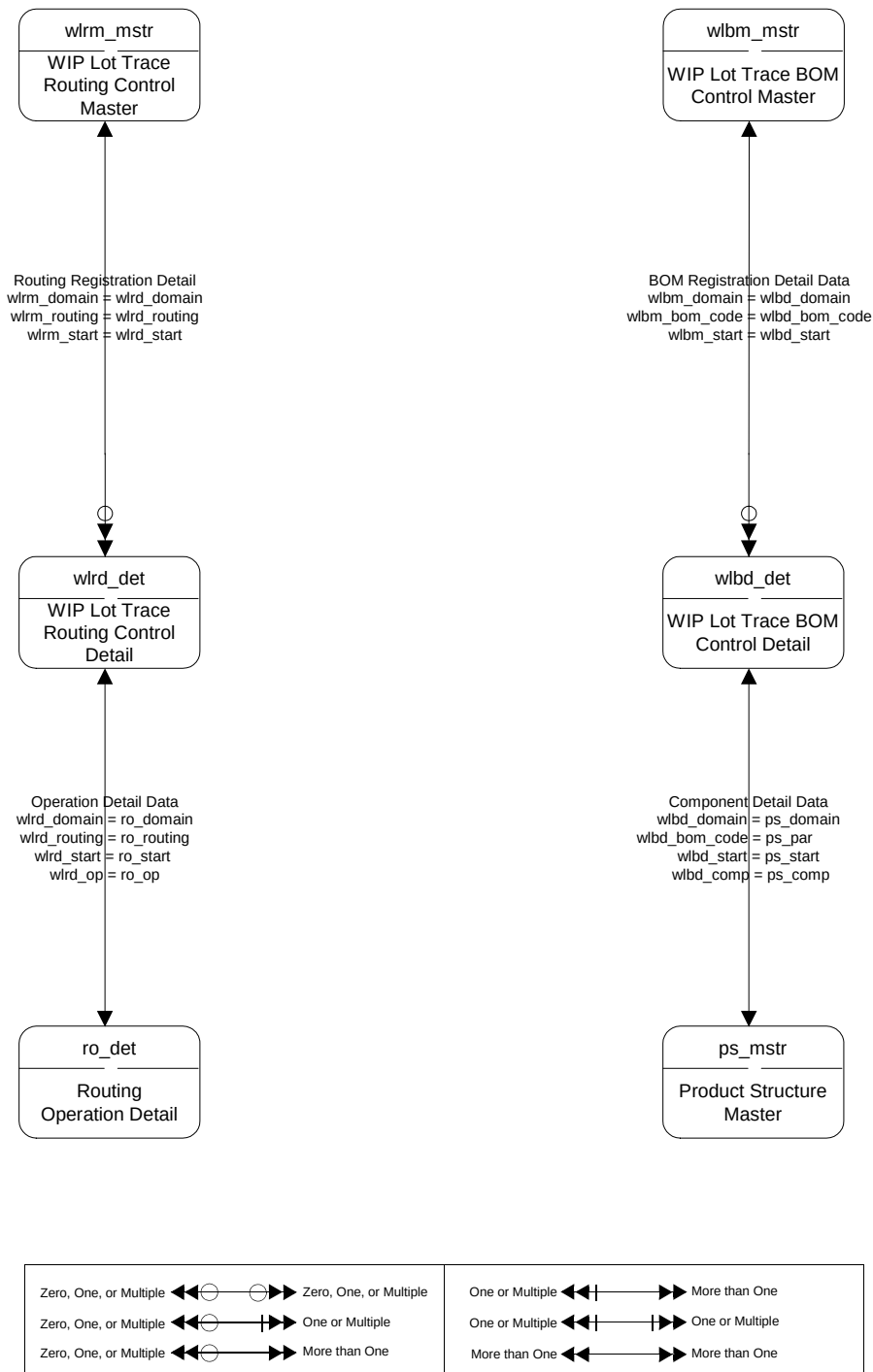
|                        |                        |                 |                 |
|------------------------|------------------------|-----------------|-----------------|
| Zero, One, or Multiple | Zero, One, or Multiple | One or Multiple | More than One   |
| Zero, One, or Multiple | One or Multiple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

WIP Lot Trace I

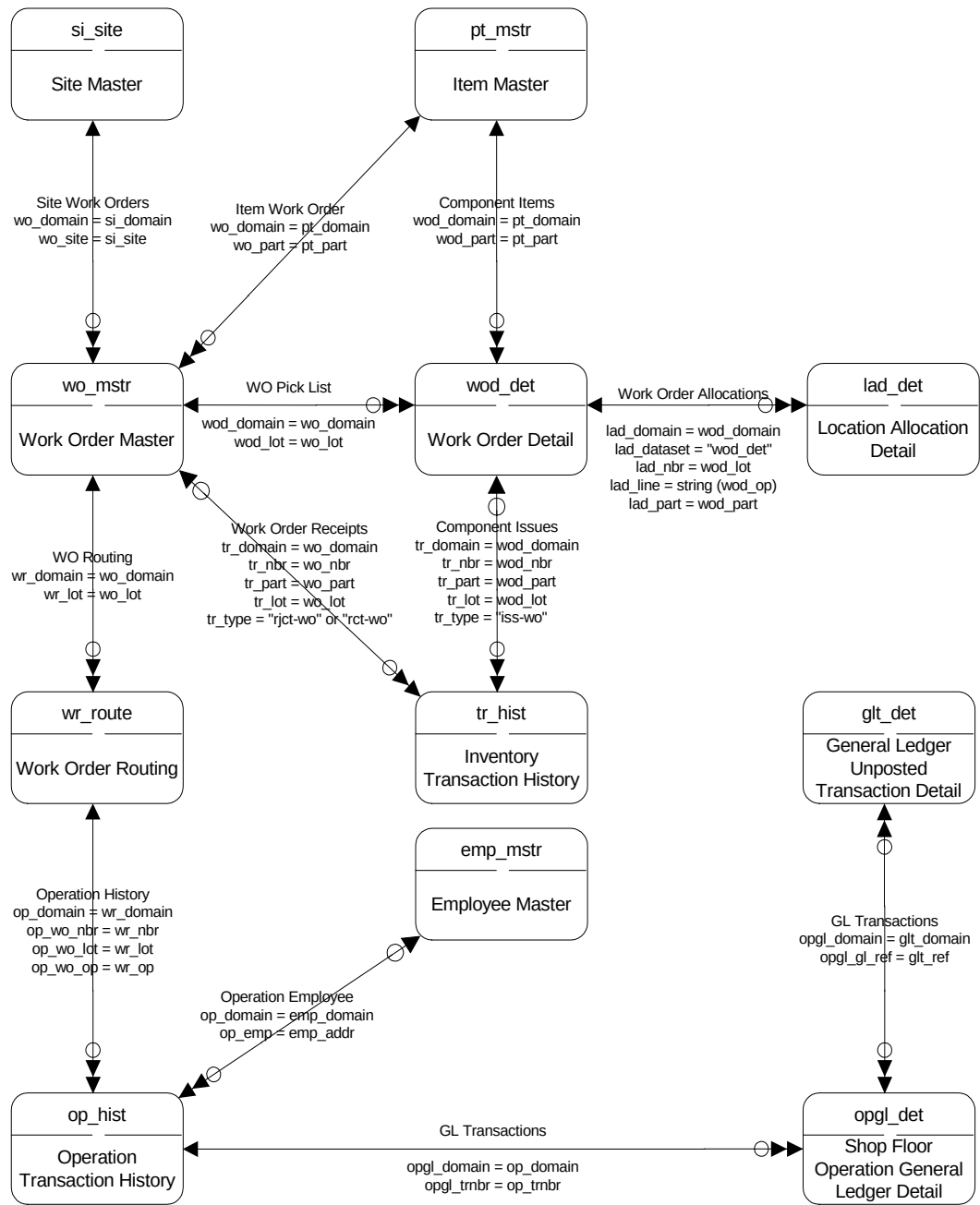


|             |                        |                  |                  |                  |                        |
|-------------|------------------------|------------------|------------------|------------------|------------------------|
| Zero or One | One and Only One       | Zero or One  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

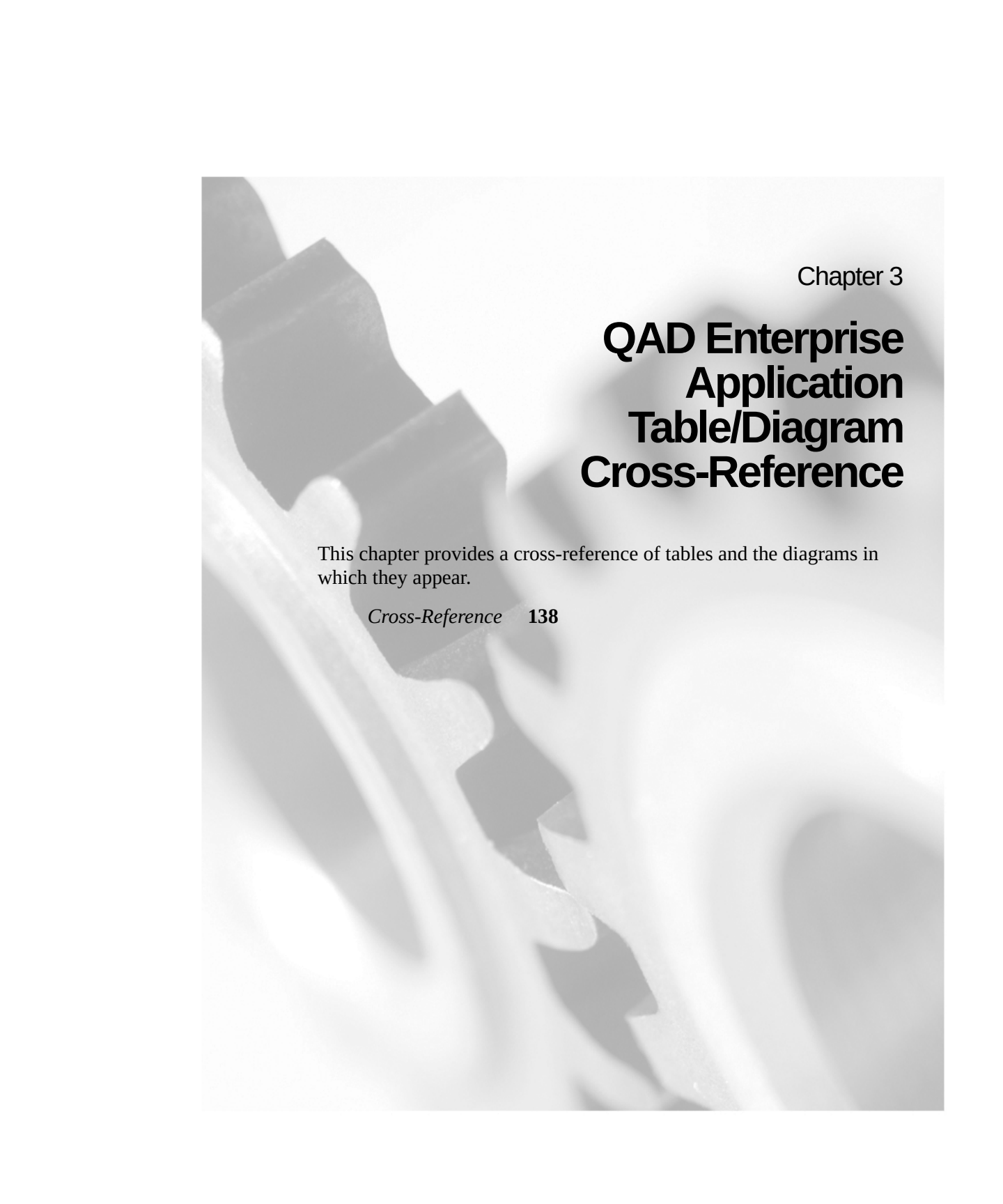
## WIP Lot Trace II



Work Orders



|             |                        |                  |                  |                  |                        |
|-------------|------------------------|------------------|------------------|------------------|------------------------|
| 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          |

The background of the page is a grayscale image of several interlocking gears. The gears are of different sizes and are positioned in a way that creates a sense of depth and mechanical complexity. The lighting is soft, highlighting the teeth of the gears and creating subtle shadows.

Chapter 3

# **QAD Enterprise Application Table/Diagram Cross-Reference**

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

*Cross-Reference*    **138**

## Cross-Reference

Table 3.1 lists standard 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               | 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               | Purchasing III                 |
| abs_mstr  | ASN/BOL/Shipper Master               | Self-Billing                   |
| 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                     |
| 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 |
| absr_det  | Shipment Requirement Detail          | Customer Scheduled Orders      |
| abss_det  | Shipment Sequence Detail             | Customer Sequenced Schedules   |
| ac_mstr   | Account Master                       | General Ledger Master II       |
| ac_mstr   | Account Master                       | Multicurrency II               |
| acd_det   | Account Total Detail                 | General Ledger Transactions    |
| acdf_mstr | Account Default Master               | Multicurrency I                |
| acdf_mstr | Account Default Master               | Product Line I                 |
| acod_mstr | Application Code Master              | Q/LinQ I                       |
| act_mstr  | Alternate Container Master           | Container and Line Charges II  |
| ad_mstr   | Address Master                       | Addresses                      |
| ad_mstr   | Address Master                       | Configured Messages            |
| ad_mstr   | Address Master                       | Container and Line Charges I   |

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

| <b>Table</b> | <b>Table Description</b>       | <b>Diagram</b>              |
|--------------|--------------------------------|-----------------------------|
| ad_mstr      | Address Master                 | Customer Consignment I      |
| ad_mstr      | Address Master                 | Customers IV                |
| ad_mstr      | Address Master                 | GTM Master Data             |
| ad_mstr      | Address Master                 | PRM – Project Header        |
| 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                 | 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 |
| al_mstr      | Allocation Account Master      | General Ledger Master I     |
| al_mstr      | Allocation Account Master      | General Ledger Transactions |
| ald_det      | Allocation Account Detail      | General Ledger Master I     |
| 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                     |
| ap_mstr      | Accounts Payable Master        | Accounts Payable I          |
| ap_mstr      | Accounts Payable Master        | Accounts Payable II         |
| ap_mstr      | Accounts Payable Master        | Cash Management             |
| ap_mstr      | Accounts Payable Master        | General Ledger Daybooks     |
| ap_mstr      | Accounts Payable Master        | Vendors (Suppliers)         |
| apr_mstr     | Application Registry           | Q/LinQ I                    |

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

| Table    | Table Description                      | Diagram                     |
|----------|----------------------------------------|-----------------------------|
| apr_mstr | Application Registry                   | Q/LinQ II                   |
| apr_mstr | Application Registry                   | Q/LinQ III                  |
| apr_mstr | Application Registry                   | Q/LinQ IV                   |
| apr_mstr | Application Registry                   | Q/LinQ V                    |
| ar_mstr  | Accounts Receivable Master             | Accounts Receivable I       |
| ar_mstr  | Accounts Receivable Master             | Accounts Receivable II      |
| ar_mstr  | Accounts Receivable Master             | Accounts Receivable II      |
| ar_mstr  | Accounts Receivable Master             | Accounts Receivable II      |
| ar_mstr  | Accounts Receivable Master             | Cash Management             |
| ar_mstr  | Accounts Receivable Master             | Customers III               |
| ar_mstr  | Accounts Receivable Master             | General Ledger Daybooks     |
| ar_mstr  | Accounts Receivable Master             | Invoice History I           |
| ar_mstr  | Accounts Receivable Master             | PRM – Invoicing             |
| ar_mstr  | Accounts Receivable Master             | Sales Orders I              |
| ar_mstr  | Accounts Receivable Master             | Salesperson II              |
| ar_mstr  | Accounts Receivable Master             | Self-Billing                |
| ard_det  | Accounts Receivable Detail             | Accounts Receivable II      |
| ard_det  | Accounts Receivable Detail             | Accounts Receivable II      |
| ard_det  | Accounts Receivable Detail             | PRM – Invoicing             |
| art_mstr | Application Return Code Master         | Q/LinQ I                    |
| asc_mstr | Account/Sub-Account/Cost Center Master | General Ledger Master I     |
| asc_mstr | Account/Sub-Account/Cost Center Master | General Ledger Master II    |
| asc_mstr | Account/Sub-Account/Cost Center Master | General Ledger Transactions |
| atp_det  | Available to Promise Detail            | Forecasting/Planning        |
| ba_mstr  | Batch Master                           | Accounts Payable II         |
| ba_mstr  | Batch Master                           | Accounts Receivable I       |
| ba_mstr  | Batch Master                           | Cash Management             |
| bg_mstr  | Budget Master                          | General Ledger Master I     |
| bgd_det  | Budget Detail                          | General Ledger Master I     |
| bk_mstr  | Bank Master                            | Accounts Payable II         |

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

| Table      | Table Description                                         | Diagram                       |
|------------|-----------------------------------------------------------|-------------------------------|
| bk_mstr    | Bank Master                                               | Addresses                     |
| bk_mstr    | Bank Master                                               | Cash Management               |
| bk_mstr    | Bank Master                                               | Multicurrency II              |
| bom_mstr   | Product Structure (Bill of Material) Master               | Item Routing I                |
| bom_mstr   | Bill of Material Master                                   | Kanban Source                 |
| bom_mstr   | Product Structure (Bill of Material) Master               | Product Structure             |
| btb_det    | Enterprise Material Transfer Primary Business Unit Detail | EMT – Secondary Business Unit |
| ca_mstr    | Service/Support Call Master                               | PRM – Material Orders         |
| ca_mstr    | Service/Support Call Master                               | PRM – Project Activity Orders |
| 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             |
| caq_mstr   | Service/Support Call Queue Master                         | SSM – Call Tracking II        |
| cas_mstr   | Service/Support Call Status Master                        | PRM – Project Activity Orders |
| cas_mstr   | Service/Support Call Status Master                        | SSM – Call Tracking II        |
| cb_mstr    | Cash Book Master                                          | Cash Management               |
| cc_mstr    | Cost Center Master                                        | General Ledger Master II      |
| 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 |

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

| Table      | Table Description                   | Diagram                        |
|------------|-------------------------------------|--------------------------------|
| 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  |
| 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            |
| chm_mstr   | Service/Support Call History Master | SSM – Call Tracking IV         |
| ck_mstr    | Accounts Payable Check Master       | Accounts Payable II            |
| ck_mstr    | Accounts Payable Check Master       | Cash Management                |
| ckd_det    | Accounts Payable Check Detail       | Accounts Payable I             |
| ckd_det    | Accounts Payable Check Detail       | Accounts Payable II            |
| cksd_det   | Check Status Detail                 | Accounts Payable II            |
| cksd_det   | Check Status Detail                 | Cash Management                |
| cm_mstr    | Customer Master                     | Accounts Receivable I          |
| cm_mstr    | Customer Master                     | Addresses                      |
| cm_mstr    | Customer Master                     | Customer Sequenced Schedules   |
| cm_mstr    | Customer Master                     | Customers I                    |
| cm_mstr    | Customer Master                     | Customers II                   |
| 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                     | Invoice History I              |
| cm_mstr    | Customer Master                     | PRM – Project Header           |
| 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                  |

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

| <b>Table</b> | <b>Table Description</b>                              | <b>Diagram</b>                |
|--------------|-------------------------------------------------------|-------------------------------|
| cm_mstr      | Customer Master                                       | Self-Billing                  |
| 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                                  | Accounts Receivable II        |
| cmt_det      | Transaction Comments                                  | PRM – Project Activity Orders |
| cmt_det      | Transaction Comments                                  | PRM – Project Header          |
| cmt_det      | Transaction Comments                                  | PRM – Project Structure       |
| cmt_det      | Transaction Comments                                  | PRM – Subproject              |
| 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           |
| 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       |
| cnss_mstr    | Supplier Consignment Supplier/Item Master             | Supplier Consignment I        |

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

| Table     | Table Description                         | Diagram                  |
|-----------|-------------------------------------------|--------------------------|
| 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 Master Data          |
| code_mstr | Generalized Code Master                   | GTM Transactions         |
| code_mstr | Generalized Code Master                   | Product Line I           |
| cost_cal  | Cost Set Calendar                         | Cost Management 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           |
| cr_mstr   | Code Range Master                         | General Ledger Master II |
| 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    |
| csbd_det  | Customer/Supplier Bank Detail             | Accounts Payable II      |
| ct_mstr   | Credit Terms Master                       | Customers II             |
| ct_mstr   | Credit Terms Master                       | PRM – Project Header     |
| ct_mstr   | Credit Terms Master                       | PRM – Subproject         |
| 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                       | Vendors (Suppliers)      |
| ctry_mstr | Country Master                            | GTM Master Data          |
| cu_mstr   | Currency Master                           | Customers V              |

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

| <b>Table</b> | <b>Table Description</b>                         | <b>Diagram</b>               |
|--------------|--------------------------------------------------|------------------------------|
| cu_mstr      | Currency Master                                  | Freight Charges II           |
| cu_mstr      | Currency Master                                  | Multicurrency I              |
| cu_mstr      | Currency Master                                  | Multicurrency II             |
| cu_mstr      | Currency Master                                  | General Ledger Transactions  |
| dal_mstr     | Destination Application List Master              | Q/LinQ V                     |
| dald_det     | Destination Application List Detail              | Q/LinQ V                     |
| dc_mstr      | Database Connection Master                       | Domain                       |
| defr_det     | Service Contract Deferred/Accrued Revenue Detail | SSM – Service Contracts I    |
| delt_mstr    | Delivery Time Master                             | Sales Orders I               |
| df_mstr      | Document Print Format Master                     | Shipping I                   |
| dom_mstr     | Domain Master                                    | Domain                       |
| dom_mstr     | Domain Master                                    | General Ledger Consolidation |
| 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                    | MRP I                        |
| dsd_det      | Distributed Site Requisition Detail              | DRP I                        |
| dsd_det      | Distributed Site Requisition Detail              | MRP II                       |
| dsr_mstr     | Distributed Site Requisition Master              | DRP I                        |
| dsr_mstr     | Distributed Site Requisition Master              | DRP II                       |
| dss_mstr     | Distributed Site Order Master                    | DRP I                        |
| dy_mstr      | General Ledger Daybook 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            |
| ecd1_det     | Engineering Change Product Structure Detail      | Product Change Control II    |
| ecd2_det     | Engineering Change Routing Detail                | Product Change Control II    |
| ecd3_det     | Engineering Change Text File Detail              | Product Change Control II    |

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

| Table     | Table Description                                  | Diagram                       |
|-----------|----------------------------------------------------|-------------------------------|
| 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/<br>Skills Detail | SSM – Call Tracking III       |
| egs_det   | Service/Support Engineer Problem/<br>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                                    | SSM – Engineers II            |
| emp_mstr  | Employee Master                                    | Work Orders                   |
| en_mstr   | Entity Master                                      | General Ledger Consolidation  |
| en_mstr   | Entity Master                                      | General Ledger Master I       |
| en_mstr   | Entity Master                                      | General Ledger Transactions   |
| encd_det  | Entity Consolidation Detail                        | General Ledger Consolidations |
| eng_mstr  | Service/Support Engineer Master                    | PRM – Project Activity Orders |
| eng_mstr  | Service/Support Engineer Master                    | PRM – Project Header          |
| eng_mstr  | Service/Support Engineer Master                    | PRM – Subproject              |
| 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          |

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

| <b>Table</b> | <b>Table Description</b>                     | <b>Diagram</b>              |
|--------------|----------------------------------------------|-----------------------------|
| 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              | PRM – Project Header        |
| 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              | SSM – Installed Base        |
| exc_mstr     | Consolidation Currency Exchange Master       | Multicurrency II            |
| excd_det     | Consolidation Exchange Rate Detail           | Multicurrency II            |
| exr_rate     | Exchange Rate Master                         | Multicurrency I             |
| 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             |
| fabchd_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              |

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

| Table      | Table Description                          | Diagram                 |
|------------|--------------------------------------------|-------------------------|
| facd_det   | Fixed Asset Class Account Detail           | Fixed Assets II         |
| faci_cal   | Fixed Asset Calendar Master                | Fixed Assets I          |
| facld_det  | Fixed Asset Calendar Detail                | Fixed Assets I          |
| facis_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   |
| flcr_mstr  | Flow Line Capacity Master                  | Flow Scheduling         |
| flcrh_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         |
| fm_mstr    | Format Position Master                     | General Ledger Master I |
| 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             | PRM – Project Header    |
| fpc_mstr   | Service/Support Pricing Master             | PRM – Subproject        |

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

| Table     | Table Description                              | Diagram                       |
|-----------|------------------------------------------------|-------------------------------|
| fpd_mstr  | Service/Support Pricing Master                 | SSM – Service Contracts II    |
| fpd_cost  | Family Item Cost Detail                        | Operations Planning I         |
| 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            |
| fsc_mstr  | Service Category Master                        | PRM – Project Structure       |
| fsh_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               | PRM – Project Activity Orders |
| fwk_mstr  | Service/Support Work Code Master               | PRM – Project Structure       |
| fwk_mstr  | Service/Support Work Code Master               | PRM – Subproject              |
| fwk_mstr  | Service/Support Work Code Master               | SSM – Call Activity Recording |
| fwk_mstr  | Service/Support Work Code Master               | SSM – Call Tracking II        |
| gl_ctrl   | System/Account Control                         | Multicurrency I               |
| glc_cal   | General Ledger Calendar                        | General Ledger Transactions   |
| glcd_det  | General Ledger Calendar Detail                 | General Ledger Transactions   |
| glct_det  | General Ledger Currency Totals Detail          | General Ledger Transactions   |
| glec_det  | General Ledger Entity Consolidation Detail     | General Ledger Consolidation  |
| glt_det   | General Ledger Unposted Transaction Detail     | General Ledger Daybooks       |

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

| Table      | Table Description                              | Diagram                      |
|------------|------------------------------------------------|------------------------------|
| glt_det    | General Ledger Unposted Transaction Detail     | General Ledger Transactions  |
| glt_det    | General Ledger Unposted Transaction Detail     | Inventory II                 |
| glt_det    | General Ledger Unposted Transaction Detail     | Work Orders                  |
| gltr_hist  | General Ledger Transaction History             | General Ledger Transactions  |
| gltr_hist  | General Ledger Transaction History             | General Ledger Consolidation |
| 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                         | Invoice History I            |
| idh_hist   | Invoice History Detail                         | Invoice History II           |
| idh_hist   | Invoice History Detail                         | Self-Billing                 |
| idhlc_hist | Invoice History Line Charge Detail             | Invoice History I            |
| idhr_hist  | Invoice History Relationship Detail            | Invoice History II           |
| ifs_mstr   | Interface Session Master                       | Q/LinQ I                     |
| ih_hist    | Invoice History Master                         | Accounts Receivable I        |
| ih_hist    | Invoice History Master                         | Customer Consignment II      |
| ih_hist    | Invoice History Master                         | Customers III                |
| ih_hist    | Invoice History Master                         | Invoice History I            |
| ih_hist    | Invoice History Master                         | Invoice History II           |
| ih_hist    | Invoice History Master                         | Sales Orders I               |
| ih_hist    | Invoice History Master                         | Salesperson II               |
| ih_hist    | Invoice History Master                         | Self-Billing                 |
| 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                 | Shipping I                   |
| im_mstr    | Inventory Movement Code Master                 | Shipping II                  |

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

| Table    | Table Description                          | Diagram                       |
|----------|--------------------------------------------|-------------------------------|
| 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                           | Inventory I                   |
| in_mstr  | Inventory Master                           | Inventory II                  |
| in_mstr  | Inventory Master                           | Operations Planning I         |
| in_mstr  | Inventory Master                           | Operations Planning II        |
| ins_mstr | Invoice Schedule Master                    | PRM – Invoicing               |
| insd_det | Invoice Schedule Detail                    | PRM – Invoicing               |
| ip_mstr  | Master Specification Test Results          | Item Specification            |
| ip_mstr  | Master Specification Test Results          | Quality Management            |
| ipd_det  | Item Specification Detail                  | Item Specification            |
| ipd_det  | Item Specification Detail                  | Product Change Control II     |
| iraw_det | Raw Import Document Detail                 | Q/LinQ III                    |
| iro_det  | Item Routing Cost Detail                   | Item Routing II               |
| is_mstr  | Inventory Status Master                    | Inventory I                   |
| isb_mstr | Service/Support Installed Base Item Master | PRM – Project Activity Orders |
| 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                     |

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

| Table      | Table Description                        | Diagram                       |
|------------|------------------------------------------|-------------------------------|
| 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         |
| kbd_t_mstr | Kanban Template Master                   | Kanban Master                 |
| kbtr_hist  | Kanban Transaction History               | Kanban Master                 |
| kbtrd_det  | Kanban Transaction History Detail        | Kanban Master                 |
| knb_mstr   | Kanban Master                            | Kanban Master                 |
| knb_mstr   | Kanban Master                            | Kanban Source                 |
| knbd_det   | Kanban Card Detail                       | Kanban Master                 |
| knbfd_det  | Kanban FIFO Detail                       | Kanban Source                 |
| knbi_mstr  | Kanban Item Master                       | Kanban Master                 |
| knbi_mstr  | Kanban Item Master                       | Kanban Source                 |
| knbism_det | Kanban Item Supermarket Detail           | Kanban Master                 |
| knbl_det   | Kanban Loop Detail                       | Kanban Master                 |
| knbs_det   | Kanban Source Detail                     | Kanban Master                 |
| knbs_det   | Kanban Source Detail                     | Kanban Source                 |
| knbsm_mstr | Kanban Supermarket Master                | Kanban Master                 |
| knbsm_mstr | Danban Supermarket Master                | Kanban Source                 |
| kn_p_mstr  | Kanban Process Master                    | Kanban Souce                  |
| knpd_det   | Kanban Item Process Detail               | Kanban Source                 |
| 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               |

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

| <b>Table</b> | <b>Table Description</b>                | <b>Diagram</b>           |
|--------------|-----------------------------------------|--------------------------|
| lc_mstr      | Logistics Accounting Charge Code Master | Purchasing I             |
| lad_det      | Location Allocation Detail              | Work Orders              |
| 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           |
| ln_mstr      | Line Master                             | Flow Scheduling          |
| ln_mstr      | Line Master                             | Repetitive Schedule      |
| lna_det      | Production Line Allocation Detail       | Repetitive Schedule      |
| lnd_det      | Production Line Detail                  | Repetitive Schedule      |
| lnf_det      | Flow Production Line Item Detail        | Flow Scheduling          |
| loc_mstr     | Location Master                         | Addresses                |
| loc_mstr     | Location Master                         | Inventory I              |
| loc_mstr     | Location Master                         | PRM – Project Header     |
| loc_mstr     | Location Master                         | PRM – Subproject         |
| loc_mstr     | Location Master                         | Product Line I           |
| loc_mstr     | Location Master                         | SSM – RMA II             |
| locc_det     | Reserved Locations Detail               | Addresses                |
| locc_det     | Reserved Locations Detail               | Inventory I              |
| 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 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)      |
| 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 16 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         |
| mu_mstr  | Monetary Union Master                      | Multicurrency I             |
| nr_mstr  | Number Range Master                        | Number Range Management     |
| 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  | Shop Floor Operation History               | Kanban Master               |
| op_hist  | Operation Transaction History              | WIP Lot Trace I             |
| op_hist  | Operation Transaction History              | Work Orders                 |
| opgl_det | Shop Floor Operation General Ledger Detail | Work Orders                 |
| opm_mstr | Standard Operation Master                  | Routing Standards           |
| pc_mstr  | Price List Master                          | Customers I                 |
| pc_mstr  | Price List Master                          | SSM – RMA II                |
| pcl_mstr | Product Change Control Group Master        | Product Change Control I    |
| pcl_det  | Product Change Control Group Detail        | Product Change Control I    |
| pct_mstr | Product Change Control Type Master         | Product Change Control I    |
| pfc_det  | Production Forecast Detail                 | Forecasting/Planning        |
| pgh_hist | Service/Support Paging History             | SSM – Call Tracking IV      |
| pi_mstr  | Price List Master                          | Pricing                     |
| pid_det  | Price List Detail                          | Pricing                     |
| pih_hist | Pricing History                            | Pricing                     |
| pj_mstr  | Project Master                             | General Ledger Master I     |
| pj_mstr  | Project Master                             | General Ledger Master II    |
| pj_mstr  | Project Master                             | General Ledger Transactions |

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

| Table     | Table Description                        | Diagram                       |
|-----------|------------------------------------------|-------------------------------|
| pj_mstr   | Project Master                           | PRM – Project Header          |
| pjd_det   | Project Realization Subproject Detail    | PRM – Invoicing               |
| pjd_det   | Project Realization Subproject Detail    | PRM – Project Header          |
| pjd_det   | Project Realization Subproject Detail    | PRM – Project Structure       |
| pjd_det   | Project Realization Subproject Detail    | PRM – Subproject              |
| pjs_mstr  | Project Realization Structure Master     | PRM – Invoicing               |
| pjs_mstr  | Project Realization Structure Master     | PRM – Project Activity Orders |
| pjs_mstr  | Project Realization Structure Master     | PRM – Project Structure       |
| pjs_mstr  | Project Realization Structure Master     | PRM – Subproject              |
| pjsh_hist | Project Realization Transaction History  | PRM – Project Structure       |
| pjsx_det  | Project Structure Cross Reference Detail | PRM – Material Orders         |
| pjsx_det  | Project Structure Cross Reference Detail | PRM – Project Activity Orders |
| pjt_mstr  | Project Realization Project Type Master  | PRM – Project Header          |
| pjt_mstr  | Project Realization Project Type Master  | PRM – Subproject              |
| pl_mstr   | Product Line Master                      | Customers I                   |
| pl_mstr   | Product Line Master                      | Forecasting/Planning          |
| pl_mstr   | Product Line Master                      | PRM – Project Structure       |
| pl_mstr   | Product Line Master                      | PRM – Subproject              |
| pl_mstr   | Product Line Master                      | Product Line I                |
| pl_mstr   | Product Line Master                      | Product Line II               |
| pl_mstr   | Product Line Master                      | Resource Plan                 |
| pl_mstr   | Product Line Master                      | Sales Analysis                |
| pld_det   | Product Line Detail                      | Product Line I                |
| plsd_det  | Product Line Sales Detail                | Product Line I                |
| plt_det   | 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     |

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

| Table    | Table Description                  | Diagram                       |
|----------|------------------------------------|-------------------------------|
| po_mstr  | Purchase Order Master              | GTM Transactions              |
| 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)           |
| pod_det  | Purchase Order Detail              | EMT – Primary Business Unit   |
| pod_det  | Purchase Order Detail              | Global Requisition System     |
| pod_det  | Purchase Order Detail              | GTM Transactions              |
| pod_det  | Purchase Order Detail              | MRP II                        |
| 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              | Supplier Consignment I        |
| pod_det  | Purchase Order Detail              | Supplier Consignment II       |
| pod_det  | Purchase Order Detail              | Supplier Shipping Schedules   |
| pp_plan  | Product Line Plan                  | Forecasting/Planning          |
| pq_mstr  | Product Line Requirements Master   | Resource Plan                 |
| prh_hist | Purchase Order Receipt History     | Accounts Payable I            |
| 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        |
| prj_mstr | Project Realization Project Master | PRM – Invoicing               |
| prj_mstr | Project Realization Project Master | PRM – Project Activity Orders |
| prj_mstr | Project Realization Project Master | PRM – Project Header          |
| prj_mstr | Project Realization Project Master | PRM – Project Structure       |
| prj_mstr | Project Realization Project Master | PRM – Subproject              |
| 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              |

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

| Table   | Table Description | Diagram                       |
|---------|-------------------|-------------------------------|
| 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       | Inventory I                   |
| pt_mstr | Item Master       | Item Routing I                |
| pt_mstr | Item Master       | Item Routing II               |
| pt_mstr | Item Master       | Item Specification            |
| pt_mstr | Item Master       | Operations Planning I         |
| pt_mstr | Item Master       | PRM – Project Structure       |
| 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       | Shipment Performance III      |
| pt_mstr | Item Master       | SSM – Installed Base          |
| pt_mstr | Item Master       | Supplier Consignment I        |
| pt_mstr | Item Master       | Supplier Consignment II       |

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

| Table    | Table Description               | Diagram                        |
|----------|---------------------------------|--------------------------------|
| pt_mstr  | Item Master                     | Vendors (Suppliers)            |
| pt_mstr  | Item Master                     | WIP Lot Trace I                |
| pt_mstr  | Item Master                     | Work Orders                    |
| 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                 |
| ptp_det  | Item Planning Detail            | Item Routing I                 |
| ptp_det  | Item Planning Detail            | Product Line I                 |
| 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          | Accounts Payable I             |
| pvo_mstr | Pending Voucher Master          | DRP I                          |
| pvo_mstr | Pending Voucher Master          | Purchasing III                 |
| pvo_mstr | Pending Voucher Master          | Shipping I                     |
| pvo_mstr | Pending Voucher Master          | Supplier Consignment II        |
| pvo_mstr | Pending Voucher Master          | Sales Order II                 |
| pvod_det | Pending Voucher Detail          | Accounts Payable I             |
| 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                  | 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             |
| qo_mstr  | Sales Quotation Master          | Customers III                  |
| qo_mstr  | Sales Quotation Master          | Freight Charges I              |
| qo_mstr  | Sales Quotation Master          | GTM Transactions               |
| qo_mstr  | Sales Quotation Master          | Multicurrency II               |

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

| Table    | Table Description                          | Diagram                      |
|----------|--------------------------------------------|------------------------------|
| 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          |
| qod_det  | Sales Quotation Detail                     | Freight Charges I            |
| qod_det  | Sales Quotation Detail                     | Sales Quotations II          |
| 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           |
| rcc_mstr | Customer Sequence Schedule Master          | Customer Sequenced Schedules |
| rcc_mstr | Customer Schedule Master                   | Customer Sequenced Schedules |
| rcsd_det | Customer Sequence Schedule Detail          | Customer Sequenced Schedules |
| rcsx_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         |
| req_det  | Requisition Detail                         | MRP II                       |
| req_det  | Requisition Detail                         | Purchasing 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                     | Multicurrency II             |
| ro_det   | Routing Operation Detail                   | Cost Management II           |
| ro_det   | Routing Operation Detail                   | Item Routing I               |
| ro_det   | Routing Detail                             | Item Routing II              |

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

| Table     | Table Description                                   | Diagram                   |
|-----------|-----------------------------------------------------|---------------------------|
| ro_det    | Routing Operation Detail                            | Item Specification        |
| ro_det    | Routing Operation Detail                            | Kanban Source             |
| 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          |
| rps_mstr  | Repetitive Production Schedule Master               | MRP I                     |
| 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 |
| rql_mstr  | Requisition Approval Level Master                   | Global Requisition System |
| rqm_det   | Requirement Detail                                  | Customer Scheduled Orders |
| rqm_mstr  | Requisition Master                                  | Global Requisition System |
| 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  |
| rst_d_det | Product Change Control Routing Slip Template Detail | Product Change Control I  |
| rsu_mstr  | Product Change Control Routing Slip Master          | Product Change Control I  |

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

| <b>Table</b> | <b>Table Description</b>                       | <b>Diagram</b>              |
|--------------|------------------------------------------------|-----------------------------|
| rsud_det     | Product Change Control Routing Slip Detail     | Product Change Control I    |
| 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     |
| 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         | PRM – Project Structure     |
| 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                             | General Ledger Master II    |

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

| Table    | Table Description                                 | Diagram                        |
|----------|---------------------------------------------------|--------------------------------|
| sbc_mstr | Service/Support Billing Cycle Master              | SSM – Service Contracts II     |
| sbi_mstr | Self-Bill Master                                  | Self-Billing                   |
| sbid_det | Self Bill Detail                                  | Container and Line Charges III |
| sbid_det | Self-Bill Detail                                  | Self-Billing                   |
| sc_mstr  | Cost Simulation Master                            | Cost Management I              |
| sc_mstr  | Cost Simulation Master                            | Cost Management II             |
| 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             |
| sdt_mstr | Shipping Delivery Time Master                     | Supplier Shipping Schedules    |
| sdd_det  | Shipping Delivery Time Detail                     | Supplier Shipping Schedules    |
| seq_mstr | Production Line Schedule Sequence Master          | Repetitive Schedule            |
| sfb_det  | Service/Support Billing Detail                    | PRM – Invoicing                |
| 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 | Shipping I                     |

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

| Table     | Table Description                                 | Diagram                      |
|-----------|---------------------------------------------------|------------------------------|
| 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 Source                |
| 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      |
| 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                                       | Domain                       |
| 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                                       | Inventory I                  |
| si_mstr   | Site Master                                       | Item Routing I               |
| si_mstr   | Site Master                                       | Item Routing II              |
| si_mstr   | Site Master                                       | Operations Planning I        |
| si_mstr   | Site Master                                       | PRM – Project Header         |
| si_mstr   | Site Master                                       | PRM – Subproject             |
| 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                                       | Shipment Performance III     |

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

| Table    | Table Description                                 | Diagram                        |
|----------|---------------------------------------------------|--------------------------------|
| 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                                       | Work Orders                    |
| sim_det  | Inventory Movement Site Detail                    | Shipping I                     |
| six_ref  | Shipment Detail/Invoice Number<br>Cross-Reference | Self-Billing                   |
| slr_mstr | Site Linking Rules Master                         | Cost Management I              |
| slrd_det | Site Linking Rules Detail                         | Cost Management I              |
| 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                                | GTM Transactions               |
| so_mstr  | Sales Order Master                                | Invoice History I              |
| so_mstr  | Sales Order Master                                | PRM – Invoicing                |
| so_mstr  | Sales Order Master                                | PRM – Material Orders          |
| so_mstr  | Sales Order Master                                | Product Line I                 |
| 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 Quotations I             |
| so_mstr  | Sales Order Master                                | Salesperson II                 |
| so_mstr  | Sales Order Master                                | Self-Billing                   |
| so_mstr  | Sales Order Master                                | Shipment Performance I         |

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

| <b>Table</b> | <b>Table Description</b>              | <b>Diagram</b>                 |
|--------------|---------------------------------------|--------------------------------|
| 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                |
| 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                    | 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                    | PRM – Invoicing                |
| sod_det      | Sales Order Detail                    | PRM – Material Orders          |
| sod_det      | Sales Order Detail                    | Release Management             |
| sod_det      | Sales Order Detail                    | Sales Orders II                |
| sod_det      | Sales Order Detail                    | Sales Orders III               |
| sod_det      | Sales Order Detail                    | Self-Billing                   |
| sod_det      | Sales Order Detail                    | Shipment Performance I         |
| 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             |

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

| Table     | Table Description                            | Diagram                        |
|-----------|----------------------------------------------|--------------------------------|
| sod_det   | Sales Order Detail                           | SSM – RMA I                    |
| 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             |
| 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                           | PRM – Project Header           |
| sp_mstr   | Salesperson Master                           | PRM – Subproject               |
| 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             |
| sro_mstr  | Service/Repair Order Master                  | Customers II                   |
| srr_mstr  | Service Request Master                       | SSM – Call Tracking II         |
| 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         |

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

| Table     | Table Description                             | Diagram                      |
|-----------|-----------------------------------------------|------------------------------|
| sttq_mstr | Time-Based/Quantity-Based Status Code Master  | Shipment Performance III     |
| 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           |
| 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                  |
| 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                 | Inventory II                 |
| tr_hist   | Inventory Transaction History                 | Kanban Master                |
| tr_hist   | Inventory Transaction History                 | Purchasing II                |
| tr_hist   | Inventory Transaction History                 | Purchasing III               |

Table 3.1 — Database Table Cross-Reference — (Page 30 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                            | Supplier Consignment I         |
| tr_hist  | Inventory Transaction History                            | Supplier Consignment II        |
| tr_hist  | Inventory Transaction History                            | Work Orders                    |
| 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                                               | GTM Master Data                |
| tx2_mstr | Tax Master                                               | GTM Transactions               |
| tx2d_det | Tax Details                                              | GTM Transactions               |
| txbd_det | Tax Base Detail                                          | GTM Master Data                |
| txbd_det | Tax Base Detail                                          | GTM Transactions               |
| txe_mstr | Tax Environment Master                                   | GTM Master Data                |
| txed_det | Tax Environment Detail                                   | GTM Master Data                |
| txhd_det | Tax History Detail                                       | GTM Transactions               |
| txz_mstr | Tax Zone Master                                          | GTM 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                                       | Domain                         |
| umsg_det | User Message Detail                                      | Configured Messages            |
| usr_mstr | User Master                                              | Domain                         |
| vd_mstr  | Supplier Master                                          | Accounts Payable I             |
| vd_mstr  | Supplier Master                                          | Addresses                      |
| vd_mstr  | Supplier Master                                          | Kanban Source                  |
| vd_mstr  | Supplier Master                                          | Purchasing I                   |
| vd_mstr  | Supplier Master                                          | SSM – RMA II                   |
| vd_mstr  | Supplier Master                                          | Vendors (Suppliers)            |

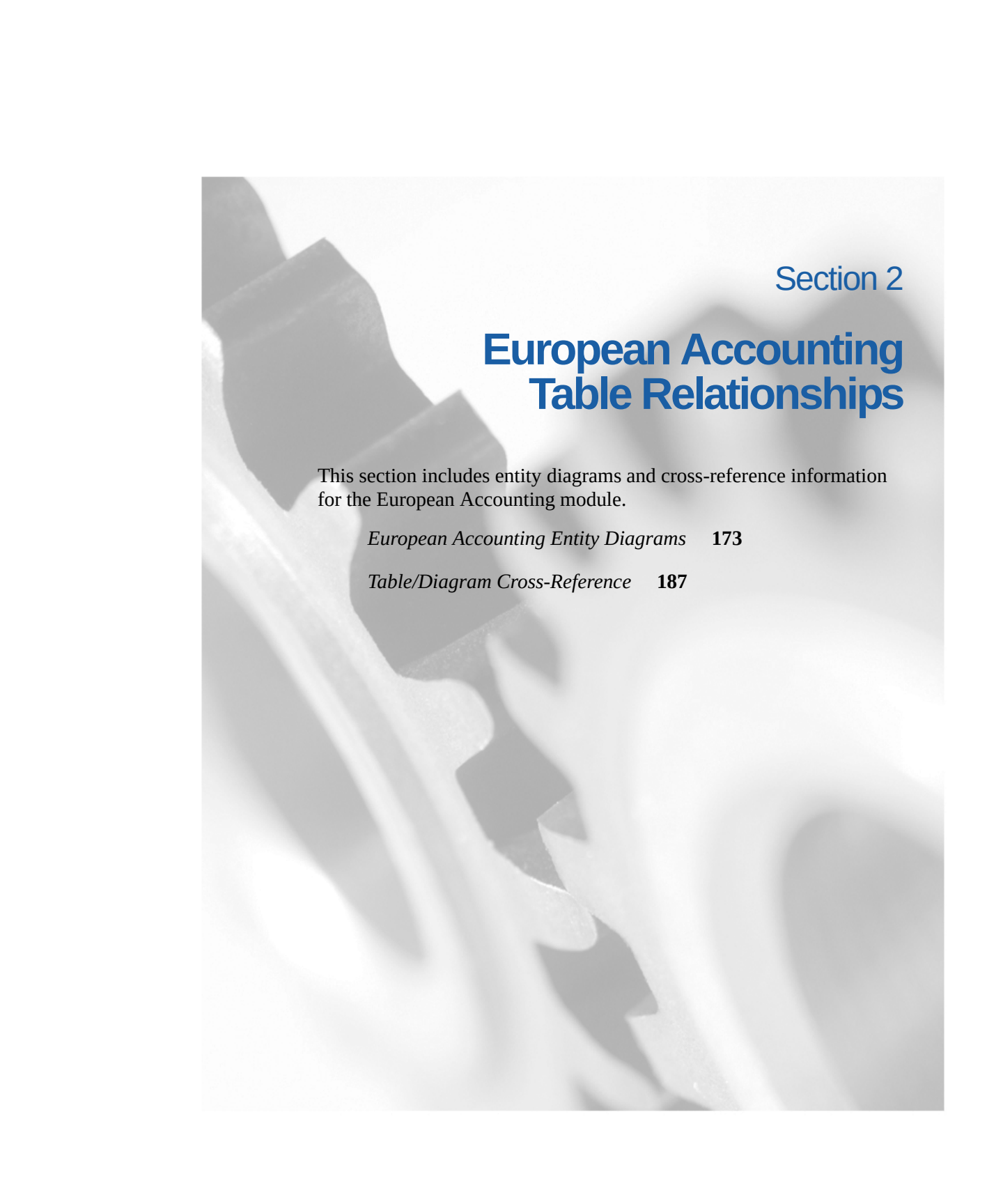
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| Table     | Table Description                            | Diagram                 |
|-----------|----------------------------------------------|-------------------------|
| vec_mstr  | Supplier Performance Category Master         | Supplier Performance 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  |
| 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  |
| 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  |
| vo_mstr   | Voucher Master                               | Accounts Payable I      |
| vo_mstr   | Voucher Master                               | Accounts Payable II     |
| vod_det   | Voucher Detail                               | Accounts Payable I      |
| vp_mstr   | Supplier Item Master                         | Purchasing I            |
| vp_mstr   | Supplier Item Master                         | Purchasing II           |
| vp_mstr   | Supplier Item Master                         | Vendors (Suppliers)     |
| vph_hist  | Voucher Invoice History                      | Accounts Payable I      |
| vpo_det   | Voucher Purchase Order Detail                | Accounts Payable I      |
| wc_mstr   | Work Center Master                           | Cost Management II      |
| wc_mstr   | Work Center Master                           | Quality Management      |
| wc_mstr   | Work Center Master                           | Routing Standards       |
| wcr_route | Work Center Routing Standards                | Routing Standards       |
| wl_mstr   | WIP Lot Master                               | WIP Lot Trace I         |
| wlbd_det  | WIP Lot Trace BOM Control Detail             | WIP Lot Trace II        |
| wlbn_mstr | WIP Lot Trace BOM Control Master             | WIP Lot Trace II        |
| wld_det   | WIP Lot Inventory Detail                     | WIP Lot Trace I         |

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

| Table     | Table Description                    | Diagram                       |
|-----------|--------------------------------------|-------------------------------|
| wlrd_det  | WIP Lot Trace Routing Control Detail | WIP Lot Trace II              |
| 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                    | Item Specification            |
| wo_mstr   | Work Order Master                    | MRP II                        |
| wo_mstr   | Work Order Master                    | PRM – Project Activity Orders |
| wo_mstr   | Work Order Master                    | Repetitive Schedule           |
| wo_mstr   | Work Order Master                    | SSM – Call Activity Recording |
| wo_mstr   | Work Order Master                    | SSM – Call Invoice Recording  |
| 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                    | PRM – Project Activity Orders |
| wod_det   | Work Order Detail                    | SSM – Call Activity Recording |
| wod_det   | Work Order Detail                    | SSM – Call Invoice Recording  |
| wod_det   | Work Order Detail                    | Work Orders                   |
| wr_route  | Work Order Routing                   | Item Specification            |
| wr_route  | Work Order Routing                   | PRM – Project Activity Orders |
| 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)

The background of the page is a grayscale image of several interlocking gears. The gears are of different sizes and are positioned in a way that they appear to be meshing together. The lighting is soft, creating a professional and technical feel.

## Section 2

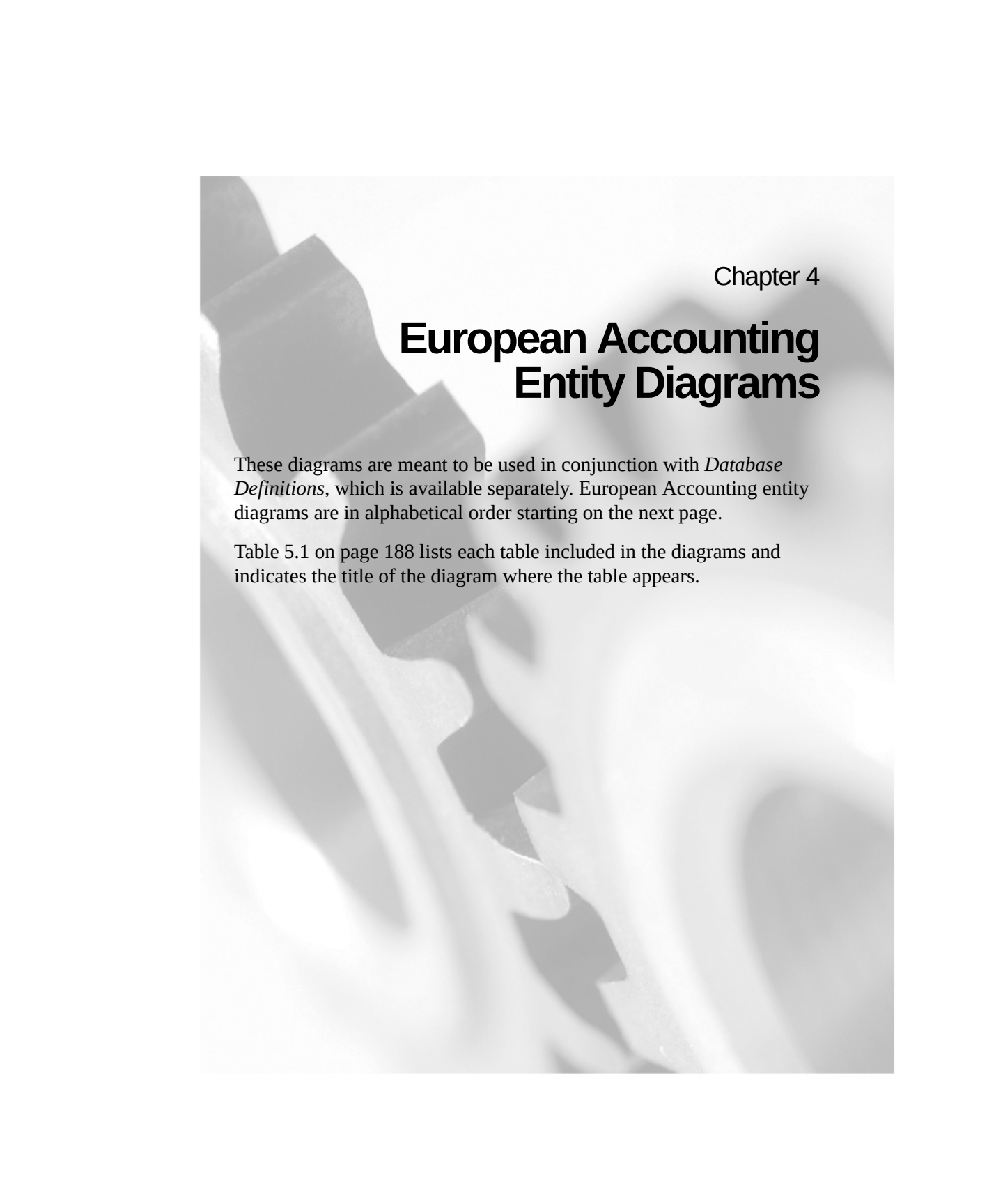
# European Accounting Table Relationships

This section includes entity diagrams and cross-reference information for the European Accounting module.

*European Accounting Entity Diagrams*    **173**

*Table/Diagram Cross-Reference*    **187**



The background of the page is a grayscale image of several interlocking gears. The gears are of different sizes and are positioned in a way that creates a sense of depth and mechanical complexity. The lighting is soft, highlighting the teeth of the gears and creating subtle shadows.

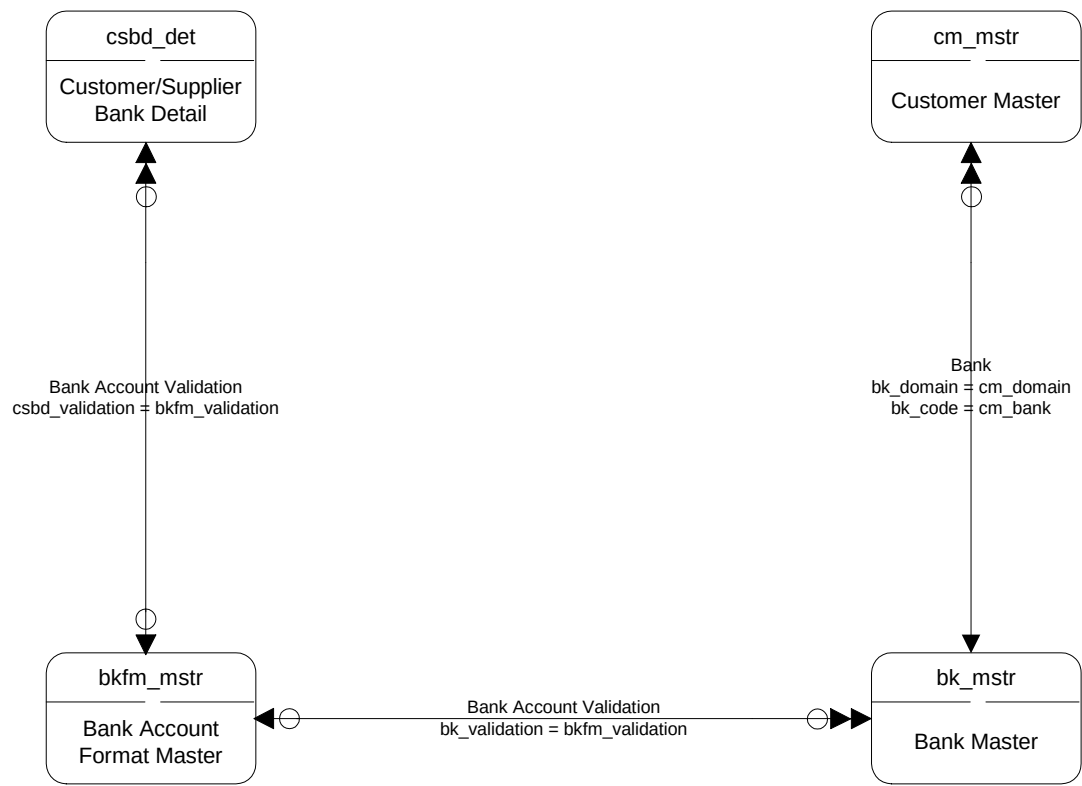
## Chapter 4

# European Accounting Entity Diagrams

These diagrams are meant to be used in conjunction with *Database Definitions*, which is available separately. European Accounting entity diagrams are in alphabetical order starting on the next page.

Table 5.1 on page 188 lists each table included in the diagrams and indicates the title of the diagram where the table appears.

# Bank Account Formats

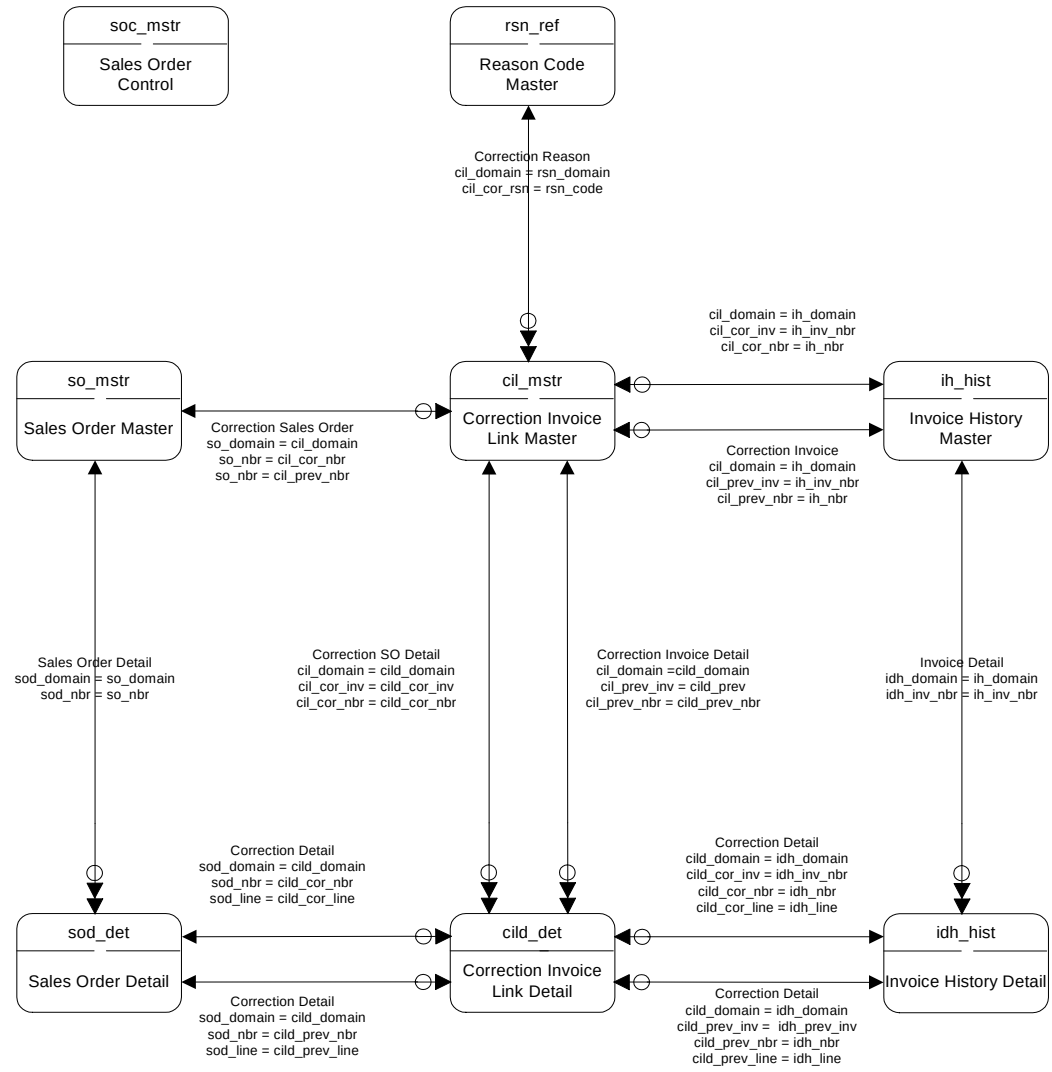


|             |                        |
|-------------|------------------------|
| Zero or One | One and Only One       |
| Zero or One | Zero or One            |
| Zero or One | Zero, One, or Multiple |

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

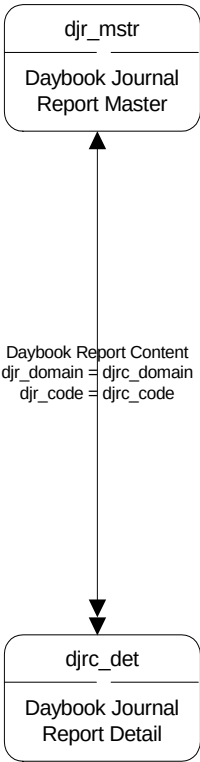
|                  |                        |
|------------------|------------------------|
| One and Only One | Zero, One, or Multiple |
| One and Only One | One or Multiple        |
| One and Only One | More than One          |

# Correction Invoicing



|                        |                        |                 |                 |
|------------------------|------------------------|-----------------|-----------------|
| 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   |

Daybooks

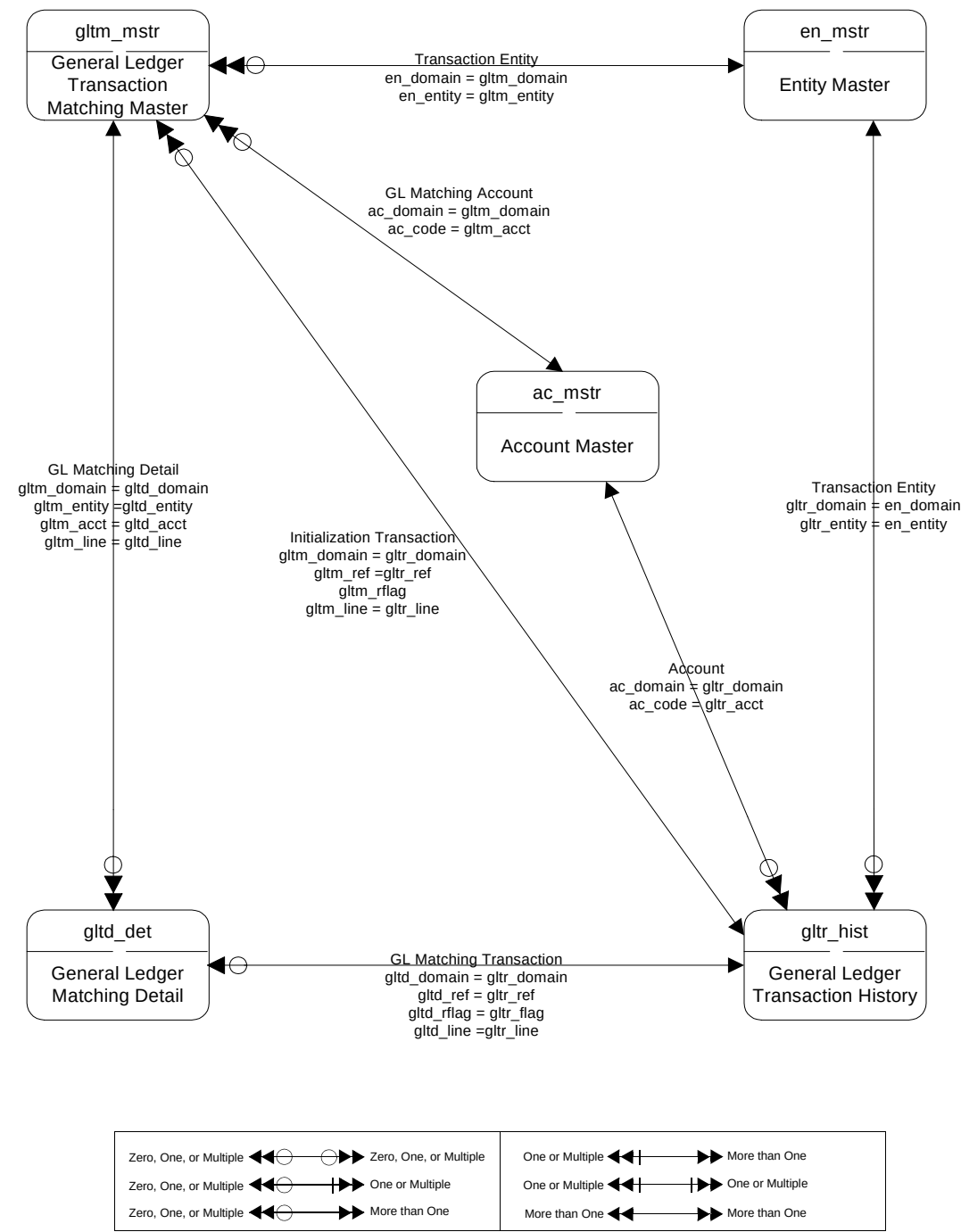


|             |                        |
|-------------|------------------------|
| Zero or One | One and Only One       |
| Zero or One | Zero or One            |
| Zero or One | Zero, One, or Multiple |

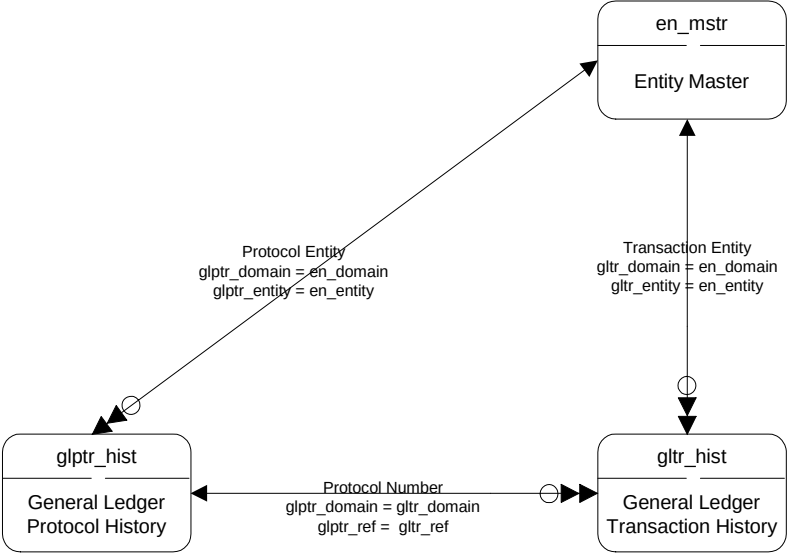
|                  |                  |
|------------------|------------------|
| Zero or One      | One or Multiple  |
| Zero or One      | More than One    |
| One and Only One | One and Only One |

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

General Ledger Matching



# General Ledger Numbering

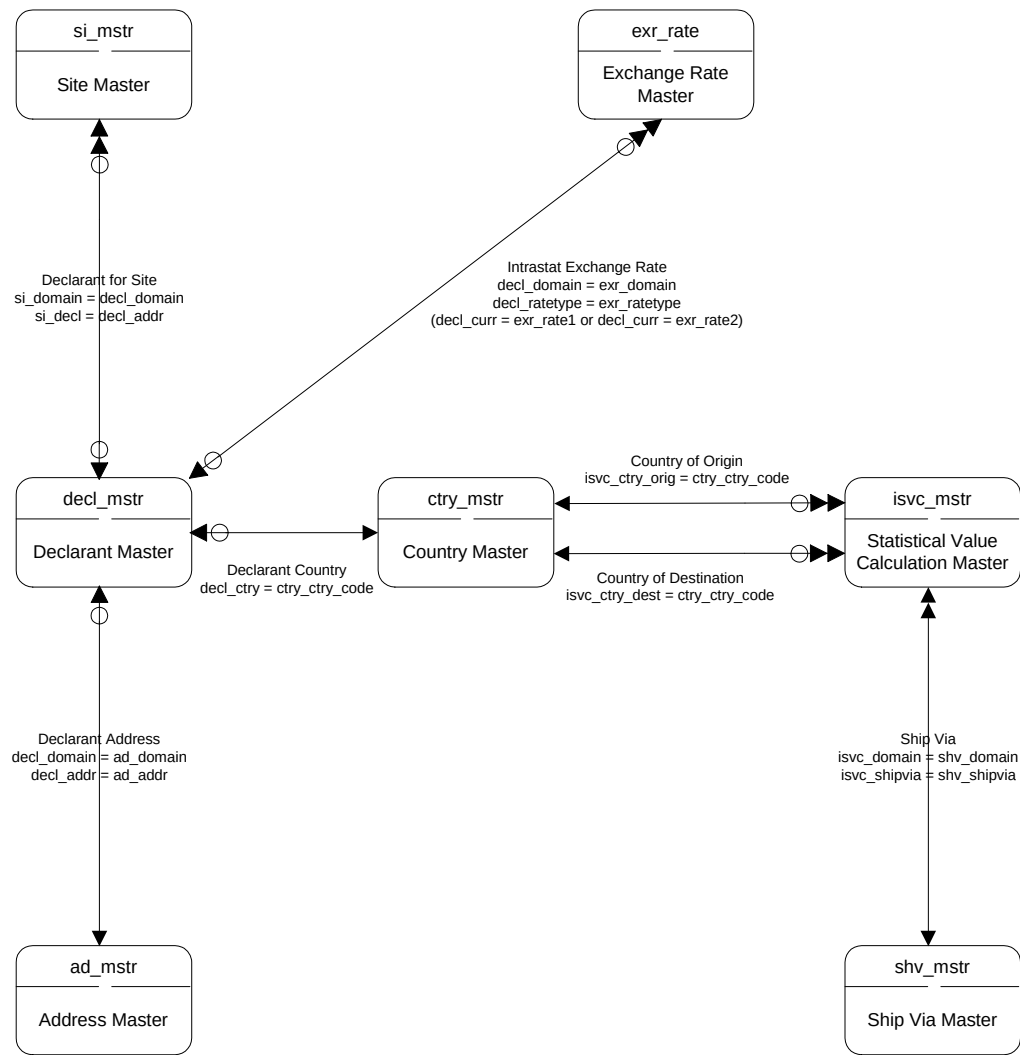


|             |                        |
|-------------|------------------------|
| Zero or One | One and Only One       |
| Zero or One | Zero or One            |
| Zero or One | Zero, One, or Multiple |

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

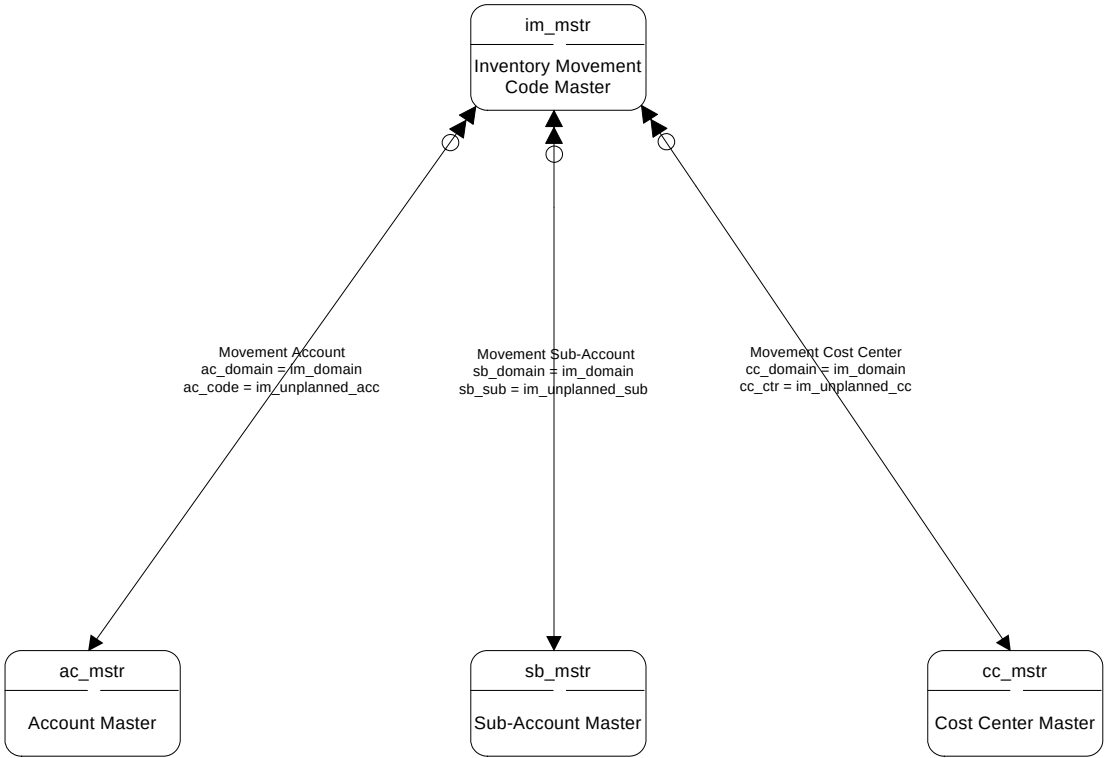
|                  |                        |
|------------------|------------------------|
| One and Only One | Zero, One, or Multiple |
| One and Only One | One or Multiple        |
| One and Only One | More than One          |

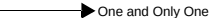
Intrastat



|                        |                        |                 |                 |
|------------------------|------------------------|-----------------|-----------------|
| 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   |

Shipping

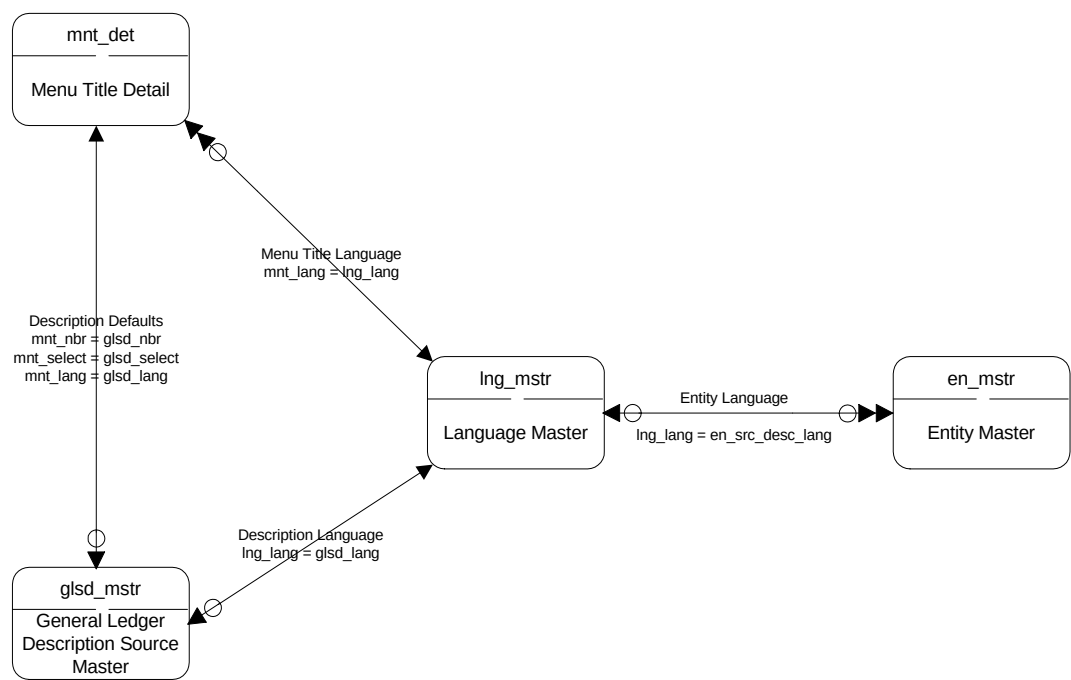


|                                                                                                 |                                                                                                            |
|-------------------------------------------------------------------------------------------------|--------------------------------------------------------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

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

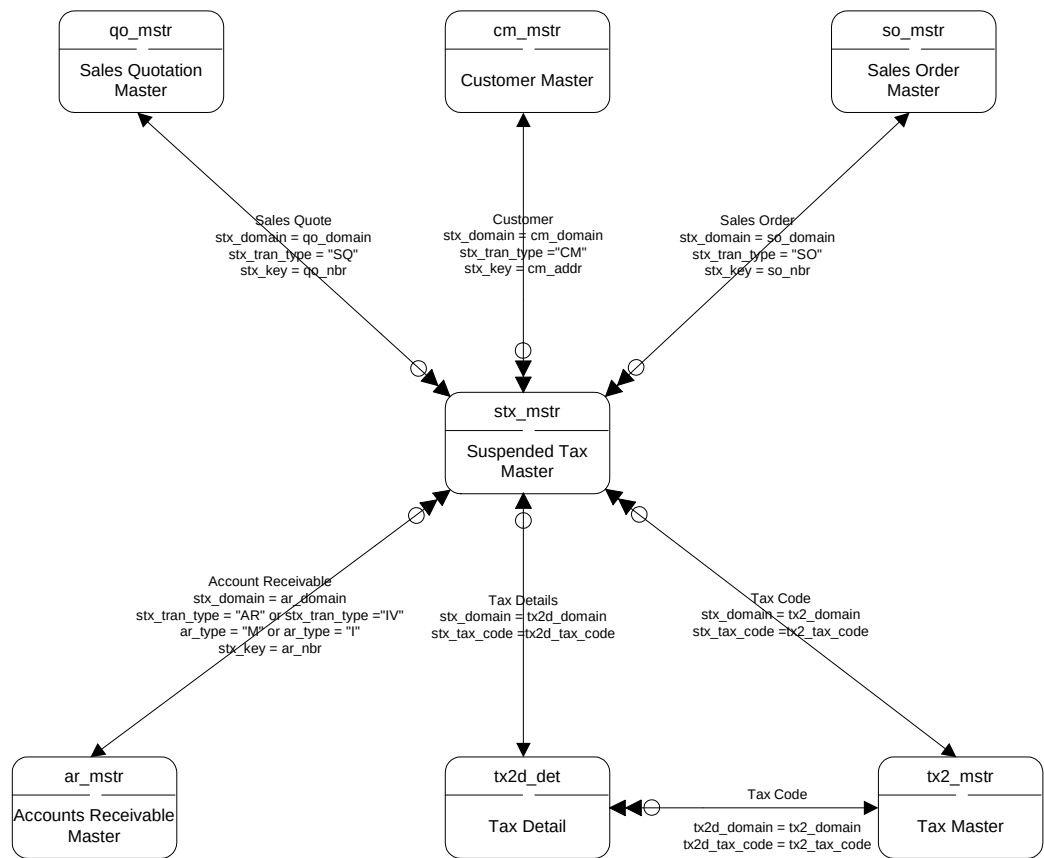
|                                                                                                        |                                                                                                              |
|--------------------------------------------------------------------------------------------------------|----------------------------------------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

# Source GL Description



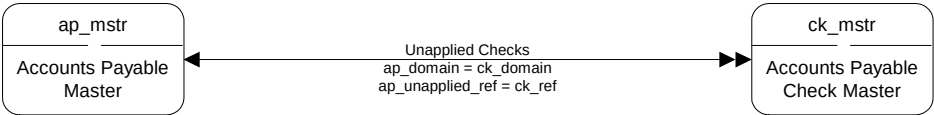
|                        |                        |                 |                 |
|------------------------|------------------------|-----------------|-----------------|
| Zero, One, or Multiple | Zero, One, or Multiple | One or Multiple | More than One   |
| Zero, One, or Multiple | One or Multiple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

Suspended Tax



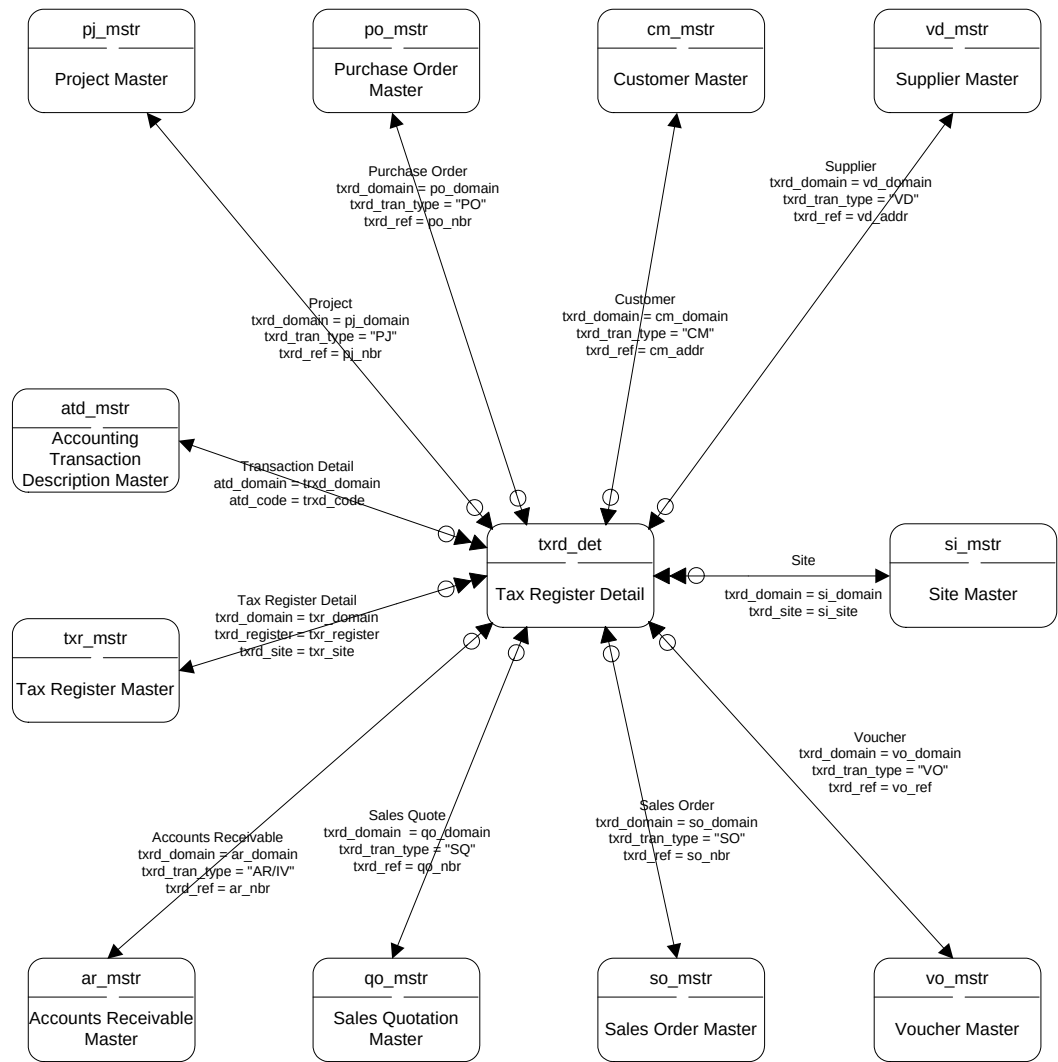
|                                                                                                 |                                                                                                            |                                                                                                      |                                                                                                      |                                                                                                       |                                                                                                              |
|-------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| 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           |

# Unapplied Payments



|                        |  |                        |
|------------------------|--|------------------------|
| 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          |

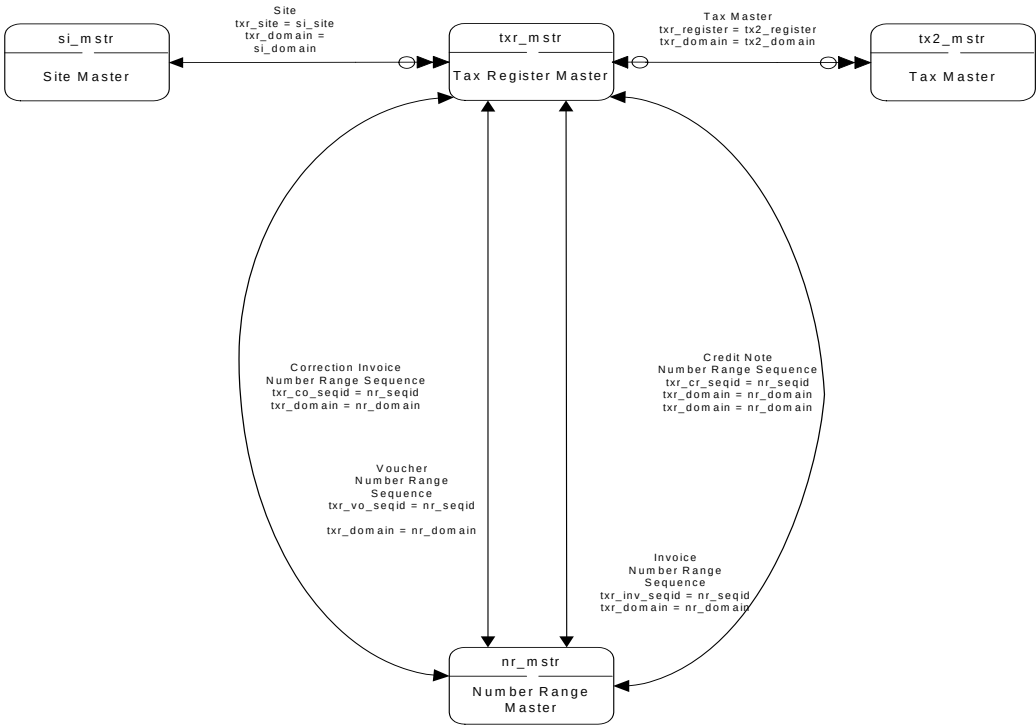
VAT Registers I



|             |                        |                  |                  |                  |                        |
|-------------|------------------------|------------------|------------------|------------------|------------------------|
| 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          |

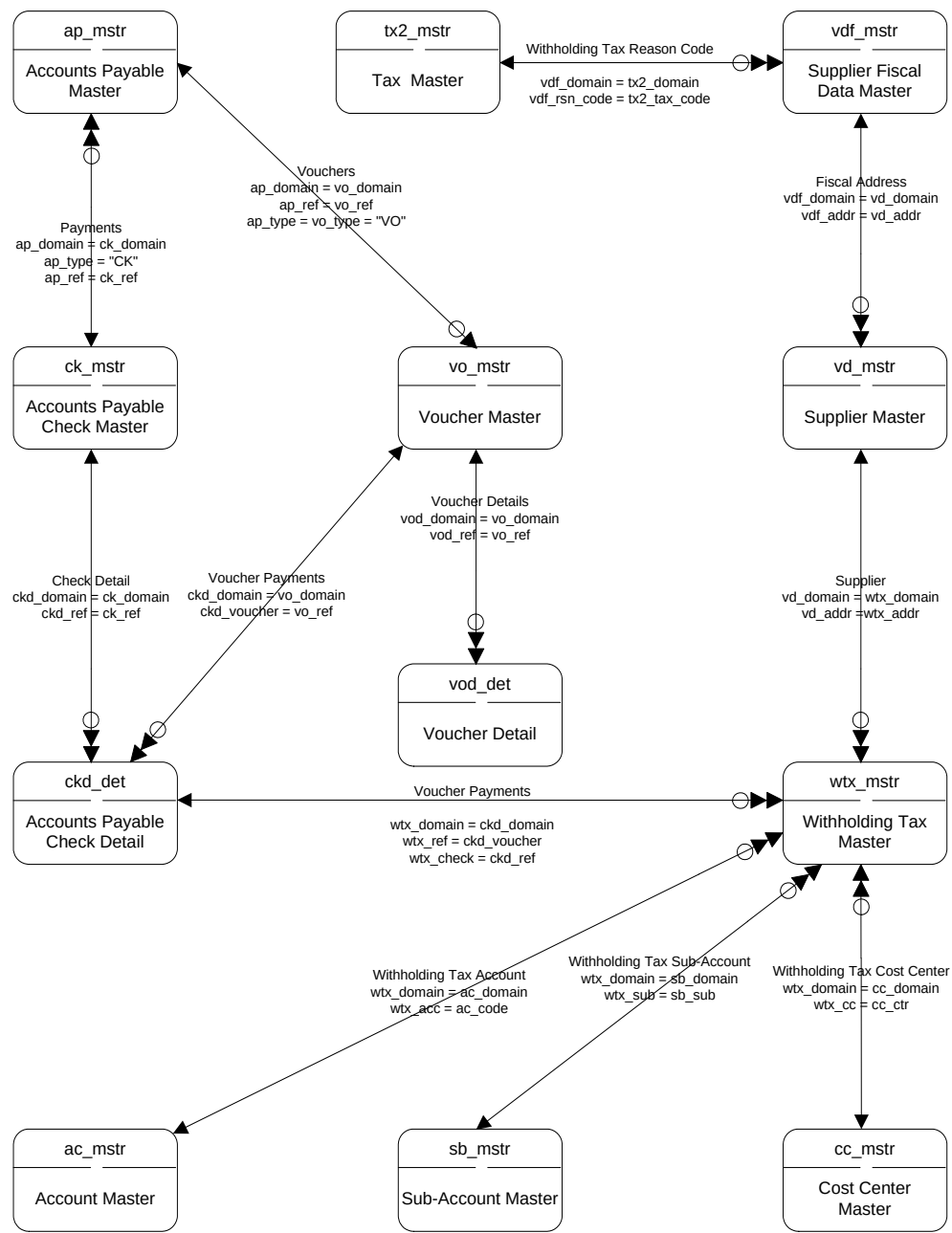
## Vat Registers II

|               |                         |
|---------------|-------------------------|
| Diagram Title | European Accounting eB2 |
| File Name     | VAT Registers 2         |
| Date          | June 2002               |

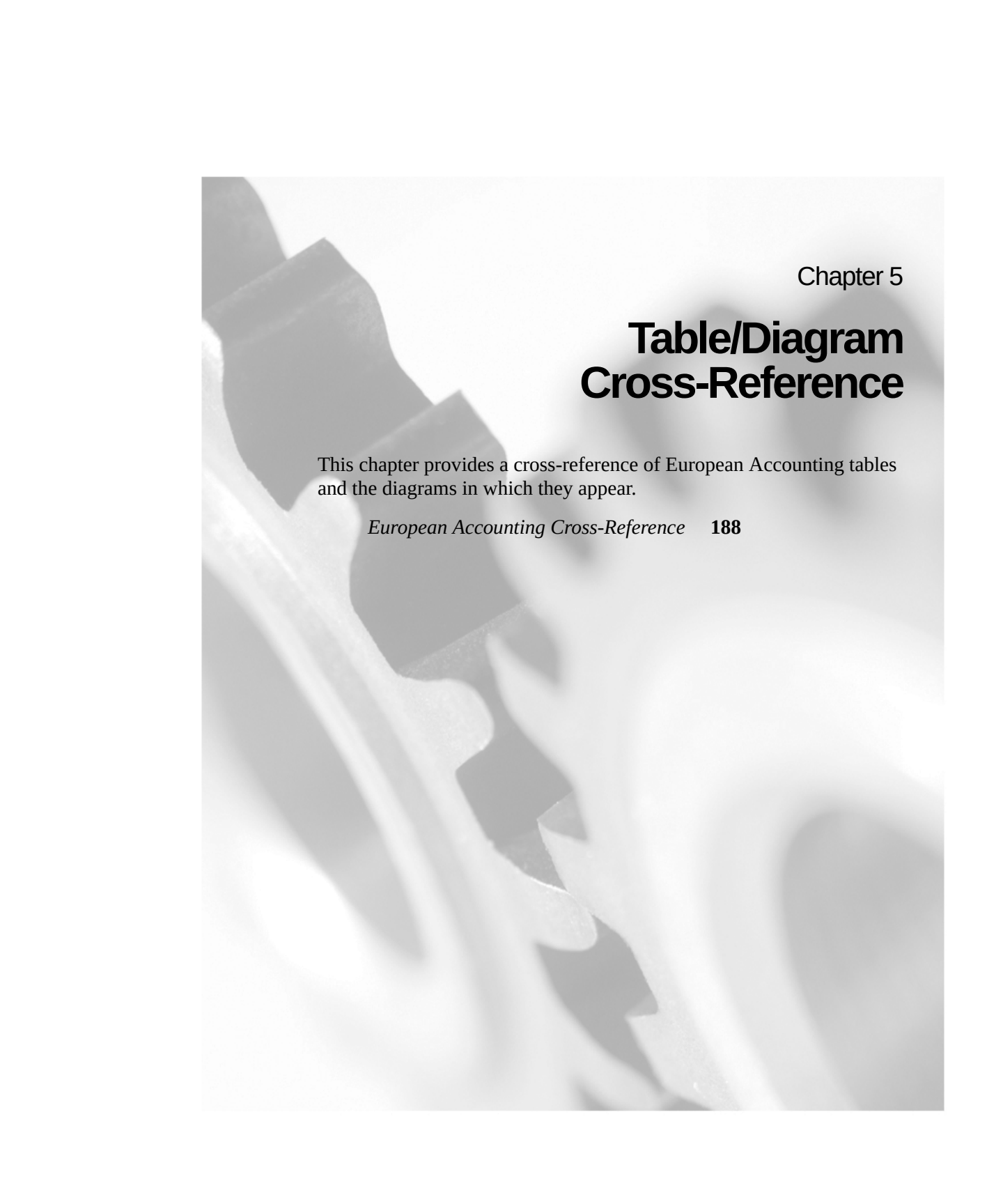


|                        |                        |                 |                 |
|------------------------|------------------------|-----------------|-----------------|
| Zero, One, or Multiple | Zero, One, or Multiple | One or Multiple | More than One   |
| Zero, One, or Multiple | One or Multiple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

# Withholding Tax



|                                                                                                 |                                                                                                            |                                                                                                      |                                                                                                      |                                                                                                      |                                                                                                              |
|-------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| 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           |

The background of the page is a grayscale photograph of several interlocking gears. The gears are of different sizes and are positioned in a way that creates a sense of depth and mechanical complexity. The lighting is soft, highlighting the metallic texture of the gears.

## Chapter 5

# Table/Diagram Cross-Reference

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

*European Accounting Cross-Reference*    **188**

## European Accounting Cross-Reference

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

**Table 5.1**  
European  
Accounting  
Cross-Reference

| Table     | Table Description                         | Diagram                 |
|-----------|-------------------------------------------|-------------------------|
| ac_mstr   | Account Master                            | General Ledger Matching |
| ac_mstr   | Account Master                            | Shipping                |
| ac_mstr   | Account Master                            | Withholding Tax         |
| ad_mstr   | Address Master                            | Intrastat               |
| ap_mstr   | Accounts Payable Master                   | Unapplied Payments      |
| ap_mstr   | Accounts Payable Master                   | Withholding Tax         |
| ar_mstr   | Accounts Receivable Master                | Suspended Tax           |
| ar_mstr   | Accounts Receivable Master                | VAT Registers I         |
| atd_mstr  | Accounting Transaction Description Master | VAT Registers I         |
| bk_mstr   | Bank Master                               | Bank Account Formats    |
| bkfm_mstr | Bank Account Format Master                | Bank Account Formats    |
| cc_mstr   | Cost Center Master                        | Shipping                |
| cc_mstr   | Cost Center Master                        | Withholding Tax         |
| cil_mstr  | Correction Invoice Link Master            | Correction Invoices II  |
| cild_det  | Correction Invoice Link Detail            | Correction Invoices II  |
| ck_mstr   | Accounts Payable Check Master             | Unapplied Payments      |
| ck_mstr   | Accounts Payable Check Master             | Withholding Tax         |
| ckd_det   | Accounts Payable Check Detail             | Withholding Tax         |
| cm_mstr   | Customer Master                           | Bank Account Formats    |
| cm_mstr   | Customer Master                           | Suspended Tax           |
| cm_mstr   | Customer Master                           | VAT Registers I         |
| csbd_det  | Customer/Supplier Bank Detail             | Bank Account Formats    |
| ctry_mstr | Country Master                            | Intrastat               |
| decl_mstr | Declarant Master                          | Intrastat               |
| drj_mstr  | Daybook Journal Report Master             | Daybooks                |
| drjc_det  | Daybook Journal Report Detail             | Daybooks                |
| en_mstr   | Entity Master                             | General Ledger Matching |

Table 5.1 — European Accounting Cross-Reference — (Page 1 of 3)

| Table      | Table Description                          | Diagram                 |
|------------|--------------------------------------------|-------------------------|
| en_mstr    | Entity Master                              | GL Numbering            |
| en_mstr    | Entity Master                              | Source GL Description   |
| exr_rate   | Exchange Rate Master                       | Intrastat               |
| glptr_hist | General Ledger Protocol History            | GL Numbering            |
| glsd_mstr  | General Ledger Description Source Master   | Source GL Description   |
| gltd_det   | General Ledger Matching Detail             | General Ledger Matching |
| gltm_mstr  | General Ledger Transaction Matching Master | General Ledger Matching |
| gltr_hist  | General Ledger Transaction History         | General Ledger Matching |
| gltr_hist  | General Ledger Transaction History         | GL Numbering            |
| idh_hist   | Invoice History Detail                     | Correction Invoices II  |
| ih_hist    | Invoice History Master                     | Correction Invoices II  |
| im_mstr    | Inventory Movement Code Master             | Shipping                |
| isvc_mstr  | Statistical Value Calculation Master       | Intrastat               |
| ling_mstr  | Language Master                            | Source GL Description   |
| mnt_det    | Menu Title Detail                          | Source GL Description   |
| nr_mstr    | Number Range Master                        | VAT Registers II        |
| pj_mstr    | Project Master                             | VAT Registers I         |
| po_mstr    | Purchase Order Master                      | VAT Registers I         |
| qo_mstr    | Sales Quotation Master                     | Suspended Tax           |
| qo_mstr    | Sales Quotation Master                     | VAT Registers I         |
| rsn_ref    | Reason Code Master                         | Correction Invoices II  |
| sb_mstr    | Sub-Account Master                         | Shipping                |
| sb_mstr    | Sub-Account Master                         | Withholding Tax         |
| shv_mstr   | Ship Via Master                            | Intrastat               |
| si_mstr    | Site Master                                | Intrastat               |
| si_mstr    | Site Master                                | VAT Registers I         |
| si_mstr    | Site Master                                | VAT Registers II        |
| so_mstr    | Sales Order Master                         | Correction Invoices II  |
| so_mstr    | Sales Order Master                         | Suspended Tax           |
| so_mstr    | Sales Order Master                         | VAT Registers I         |

Table 5.1 — *European Accounting Cross-Reference* — (Page 2 of 3)

| Table    | Table Description           | Diagram                |
|----------|-----------------------------|------------------------|
| soc_msr  | Sales Order Control         | Correction Invoices II |
| sod_det  | Sales Order Detail          | Correction Invoices II |
| stx_mstr | Suspended Tax Master        | Suspended Tax          |
| tx2_mstr | Tax Master                  | Suspended Tax          |
| tx2_mstr | Tax Master                  | VAT Registers II       |
| tx2_mstr | Tax Master                  | Withholding Tax        |
| tx2d_det | Tax Detail                  | Suspended Tax          |
| txr_mstr | Tax Register Master         | VAT Registers I        |
| txr_mstr | Tax Register Master         | VAT Registers II       |
| txrd_det | Tax Register Detail         | VAT Registers I        |
| vd_mstr  | Supplier Master             | VAT Registers I        |
| vd_mstr  | Supplier Master             | Withholding Tax        |
| vdf_mstr | Supplier Fiscal Data Master | Withholding Tax        |
| vo_mstr  | Voucher Master              | VAT Registers I        |
| vo_mstr  | Voucher Master              | Withholding Tax        |
| vod_det  | Voucher Detail              | Withholding Tax        |
| wtx_mstr | Withholding Tax Master      | Withholding Tax        |

Table 5.1 — *European Accounting Cross-Reference* — (Page 3 of 3)

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