



# File Relationships



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## CHAPTER 1

# Diagram Conventions

This chapter explains the diagram conventions used in this volume.

*Introduction* 2

*Entity Relationship Diagrams* 2

*Relationship Examples* 4

*How to Use the Diagrams* 5

*About File Names* 6

param91.p 14.13.2 Routing Maintenance (Main Screen)

|                    |                     |                      |
|--------------------|---------------------|----------------------|
| Routing Code:      | 10-15000            | NONAD(75) CDR IN:    |
| Operation:         | 20                  |                      |
| Standard Operation |                     |                      |
| Work Center        | 1030                | INSPECTION, ALL SITE |
| Machines           |                     |                      |
| Description        | INSPEC PER PROX-005 |                      |
| Machines per Op    | 1                   | Milestone            |
| Overlap Units      | 1                   |                      |
| Queue Time         | 1.0                 |                      |
| Wait Time          | 0.0                 |                      |
| Setup Time         | 0.0                 |                      |

Route by Production Route

## Introduction

This guide details major relationships between files in an MFG/PRO eB database. These diagrams are designed to help:

- Programmers interested in customizing or modifying the MFG/PRO eB system. The diagrams show relationships that must be preserved in any customization or modification.
- Programmers writing queries or custom reports. The diagrams show which files can be joined and the field specifications required to make them join. Note that all possible file 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.

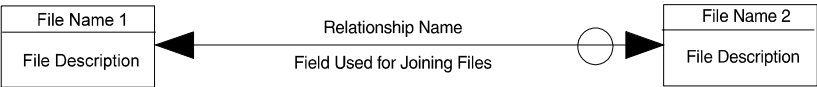
File names are listed in alphabetical order in the index, followed by the name of each diagram that displays the files.

## Entity Relationship Diagrams

In a relational database, each file is a self-contained collection of data about a single thing (or *entity*). Each file has one of 15 possible relationships with any other file. The entity relationship diagrams contained here show most of the relationships that exist between files in an MFG/PRO eB database.

Relationships are identified by symbols, as shown in Figure 1.1.

**Fig. 1.1**  
File Relationship  
Description



A bar symbol (|) indicates an OR relationship when more than one field can be used for joining. The symbols used in the relationship graphics are described in detail in Figure 1.2 and Figure 1.3.

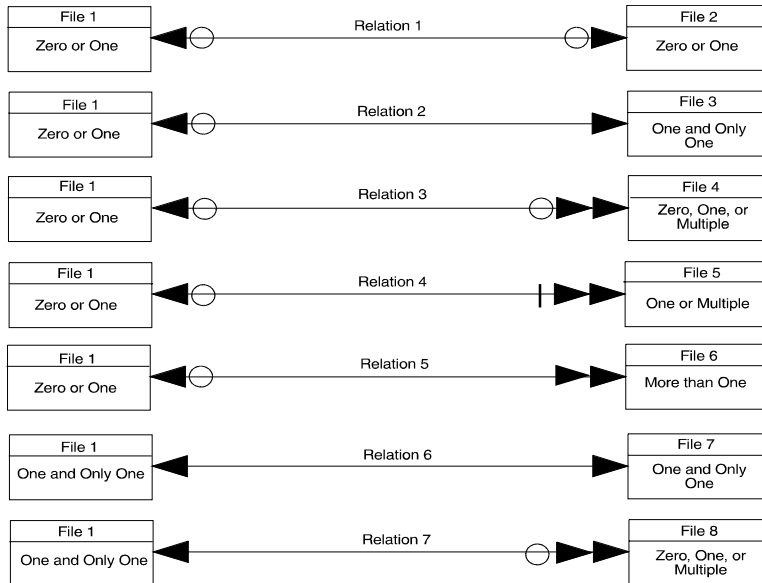
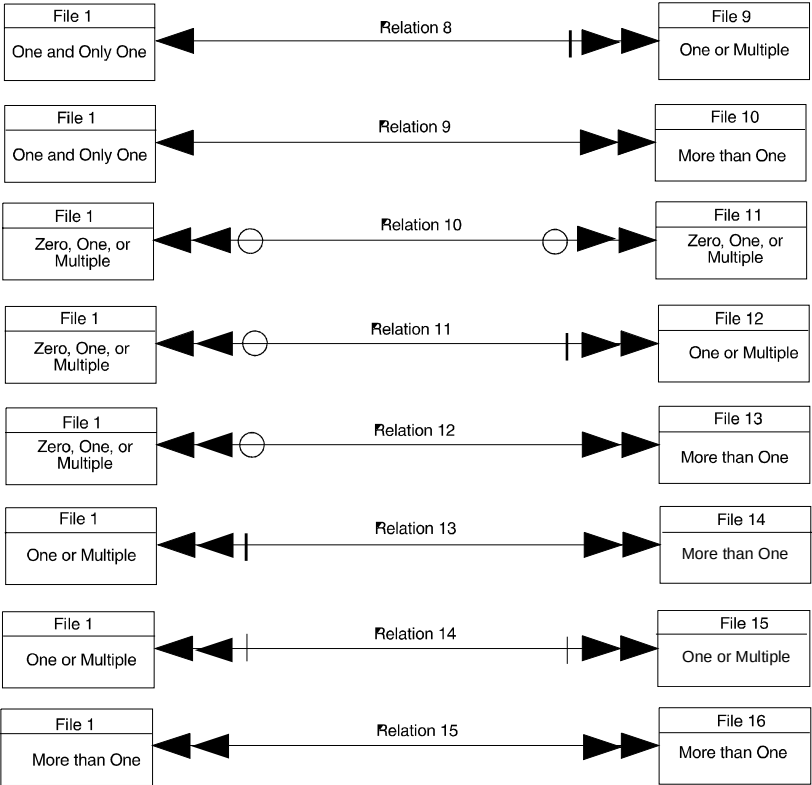


**Fig. 1.2**  
Relation Types 1  
through 7

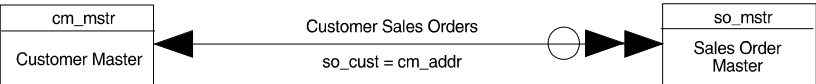
Fig. 1.3  
Relation Types 8  
through 15



## Relationship Examples

Figure 1.4 shows that one customer can have zero or more sales orders and that one sales order has one and only one customer.

Fig. 1.4  
cm\_mstr to  
so\_mstr  
Relationship  
Example



To join these two files within PROGRESS, you would set `so_cust` equal to `cm_addr` or vice versa.

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

Figure 1.5 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.

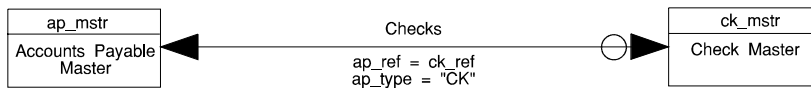


**Fig. 1.5**  
ap\_mstr to  
ck\_mstr  
Relationship  
Example

To join these two files within PROGRESS, set `ap_ref` equal to `ck_ref` and `ap_type` equal to `CK`.

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

## How to Use the Diagrams

The diagrams are organized approximately by MFG/PRO eB modules. The most practical way to find information about a particular area is to turn to the diagram for that area. Find the entity (file) 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, turn to the index, which shows you the other diagrams the files appear in.

To specify a report, use the entity relationship diagrams to decide which file names you should use (and the join relationships). If no relationship exists between two files, 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 files that have relationships with a specified file. These diagrams show those files in graphic form and show the subsidiary relationships between files.

See “File/  
Diagram  
Cross-Reference”  
on page 115.

## About File Names

In MFG/PRO eB, the file name and the file name description are closely related. The file name consists of a prefix and file type, followed by an underscore (\_). Common file types are listed in Table 1.1.

**Table 1.1**  
Database File  
Types

| File Type | Meaning       | Description                                                                                                  |
|-----------|---------------|--------------------------------------------------------------------------------------------------------------|
| ctrl      | Control File  | Parameters and flags that control other functions.                                                           |
| mstr      | Master File   | Used for data storage.                                                                                       |
| det       | Detail File   | Detail related to another record. There are typically many detail records associated with one master record. |
| hist      | History File  | Contains records created by activity within the database.                                                    |
| plan      | Planning File | Data for planning functions.                                                                                 |
| wkfl      | Work File     | Used to support other functions.                                                                             |

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

**Example** The file name for Accounts Receivable Master is `ar_mstr`, and `ck_mstr` is the file name for Check Master.

In most cases, the first letter of the file name is the first letter of the description; the few exceptions involve things like General Ledger Cost Center Master, which is `cc_mstr`.

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

**Example** The detail file associated with `vo_mstr` is `vod_det`.

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

**Example** Repetitive Production Schedule (`rps_mstr`) has `rps_part` and `rps_record`.

## CHAPTER 2

# File Relationship Diagrams

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

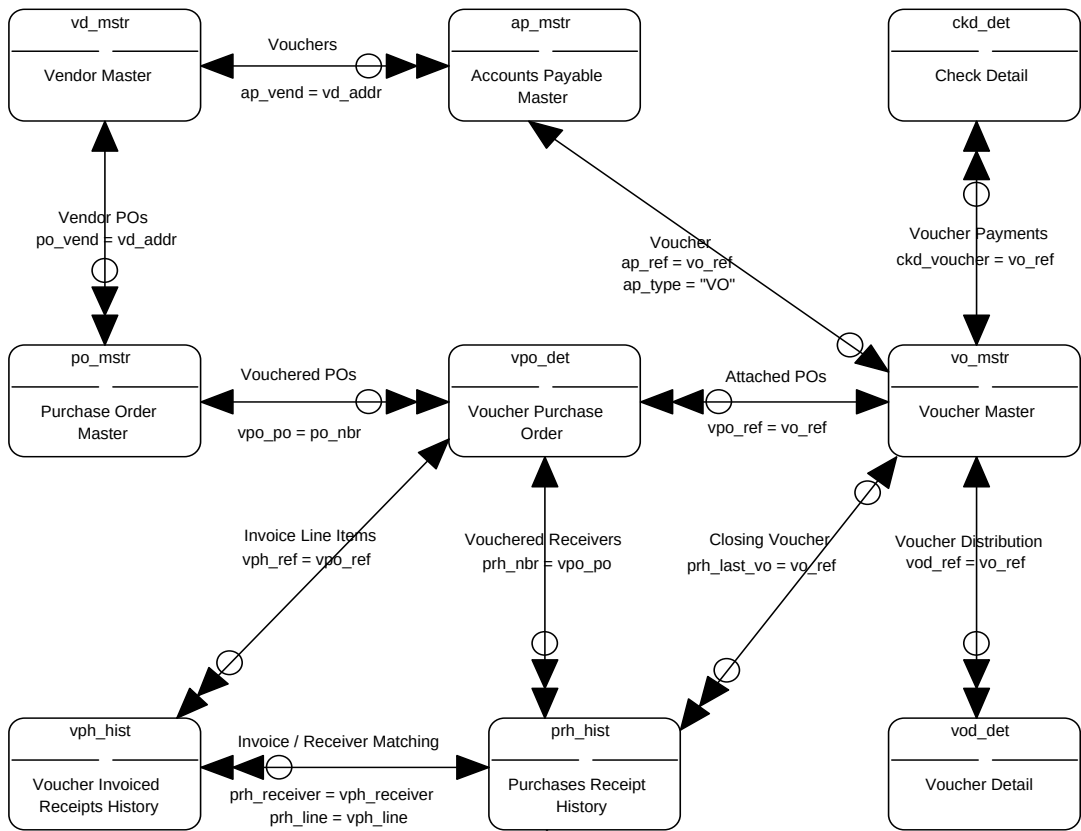
Refer to “File/Diagram Cross-Reference” on page 115 for a cross-reference of MFG/PRO eB database files and relationship diagrams.

param91.p 14.13.2 Routing Maintenance (Main Screen)

|                    |                     |                       |
|--------------------|---------------------|-----------------------|
| Routing Code:      | 10-15000            | NONAD (75) CDB (10)   |
| Operation:         | 20                  |                       |
| Standard Operation |                     |                       |
| Work Center        | 1030                | INSPECTION, ALL SITES |
| Machines           |                     |                       |
| Description        | INSPEC PER PROG-000 |                       |
| Machines per Op    | 1                   | Milestone             |
| Overlap Units      | 1                   |                       |
| Queue Time         | 1.0                 |                       |
| Wait Time          | 0.0                 |                       |
| Setup Time         | 0.0                 |                       |
| Done by            | Production          | Build                 |

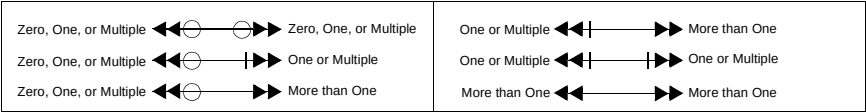
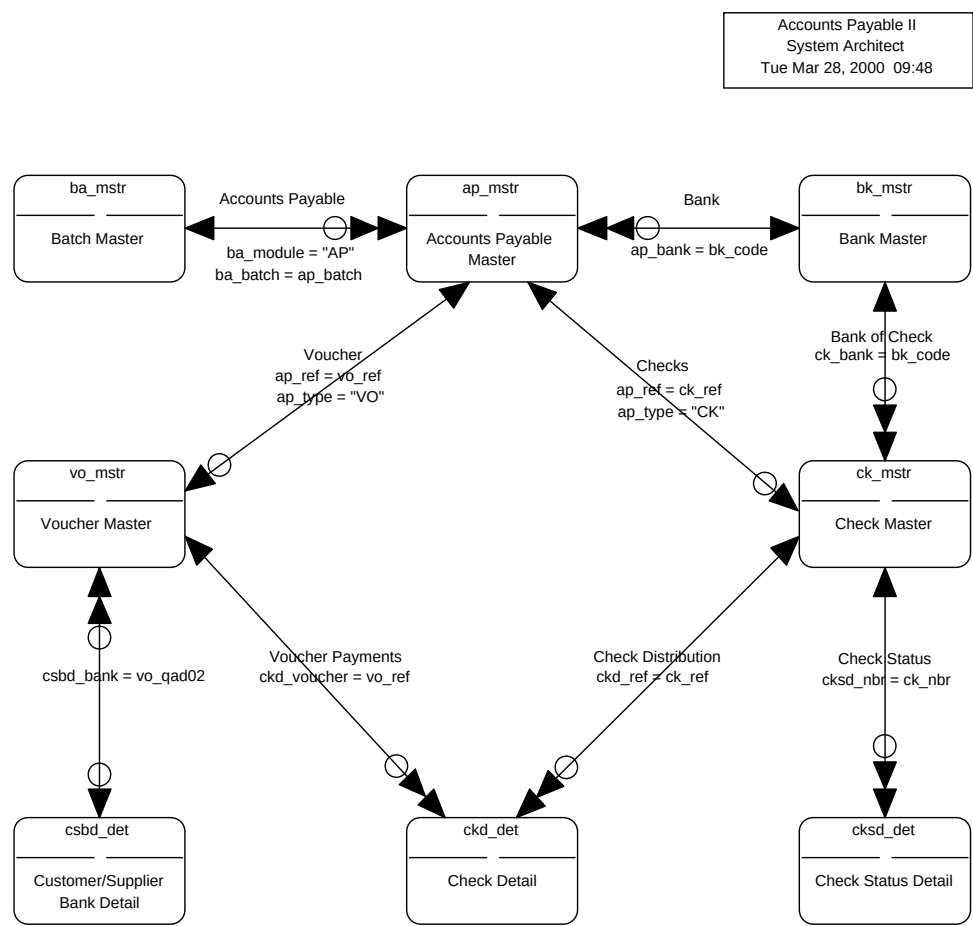
Accounts Payable I

Accounts Payable I  
System Architect  
Tue Mar 28, 2000 13:55



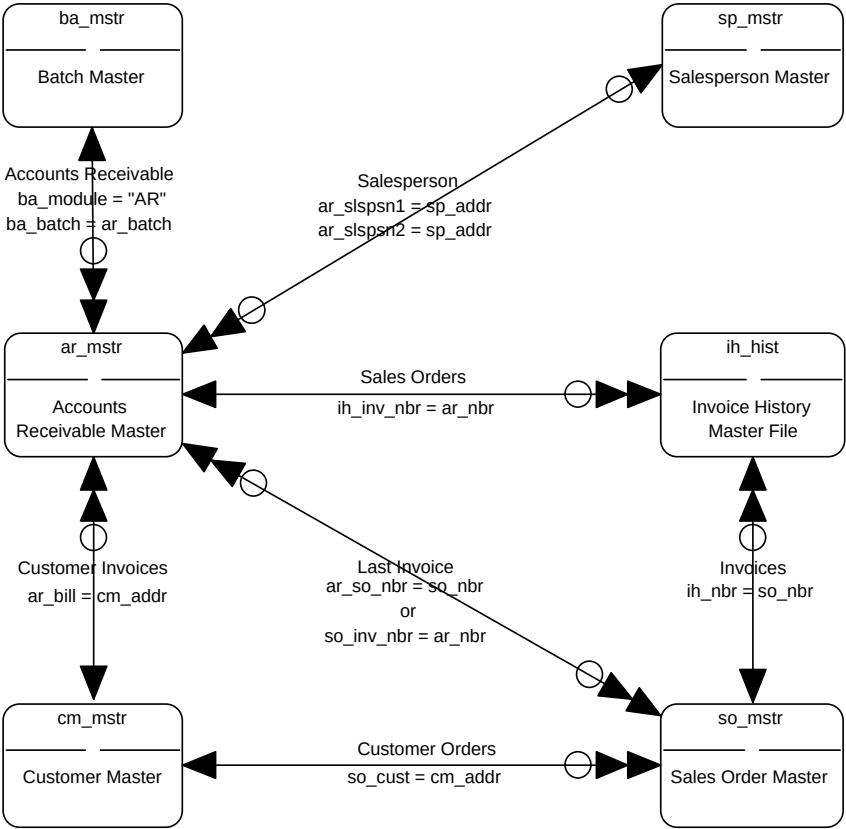
|                                                                                                 |                                                                                                            |                                                                                            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



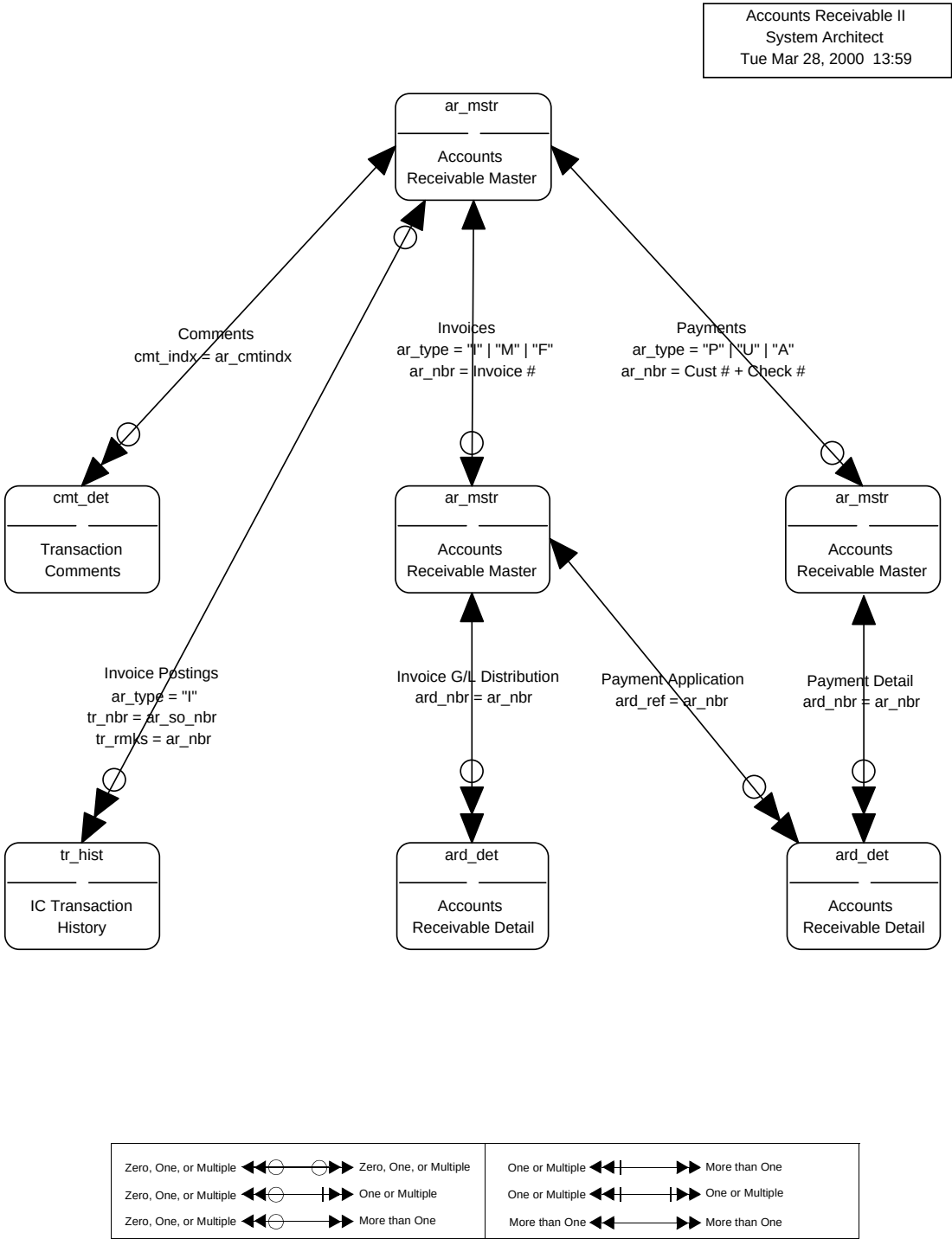
Accounts Receivable I

Accounts Receivable I  
System Architect  
Tue Mar 28, 2000 10:36



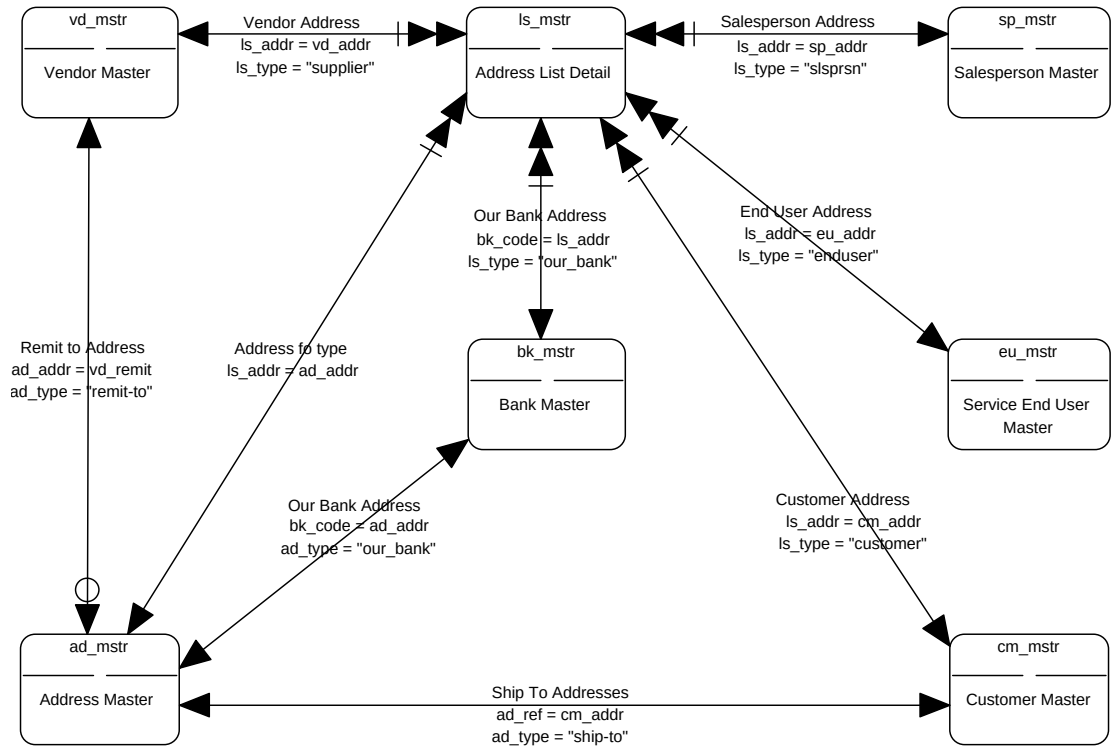
|             |                        |                  |                  |                  |                        |
|-------------|------------------------|------------------|------------------|------------------|------------------------|
| Zero or One | One and Only One       | Zero or One  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

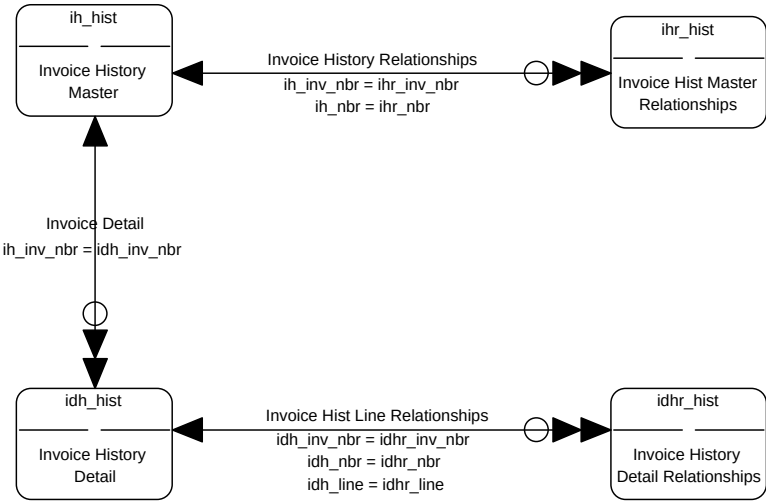
Addresses  
System Architect  
Tue Mar 28, 2000 10:50



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

APM API – Invoice History

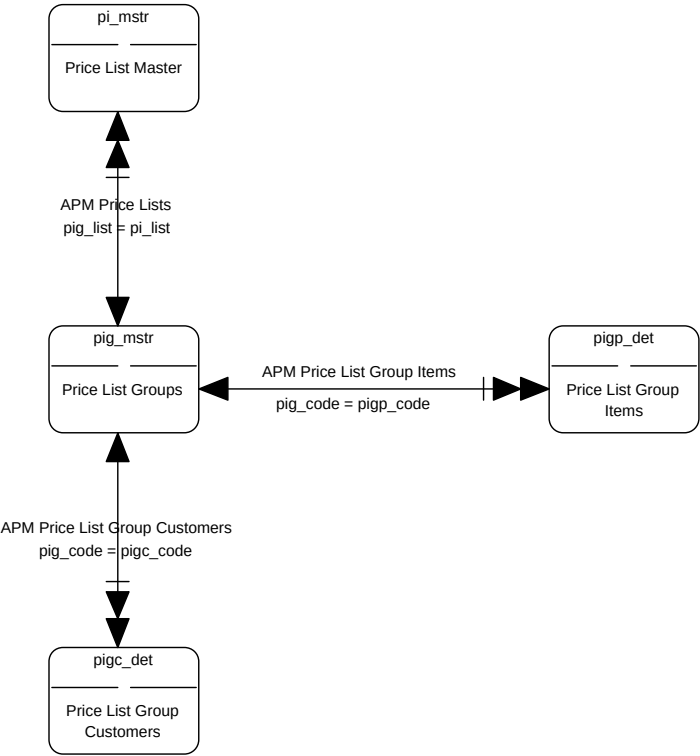
APM API - Invoice History  
System Architect  
Tue Mar 28, 2000 10:53



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

APM API – Price Lists

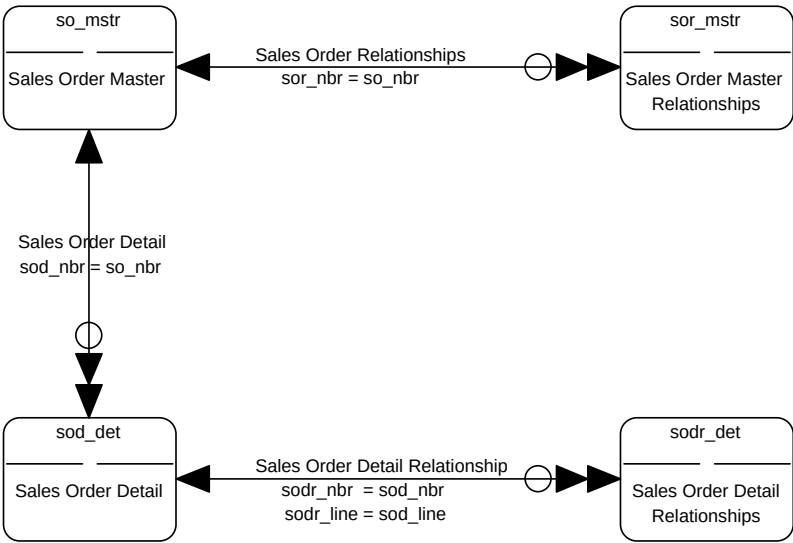
APM API - Price Lists  
System Architect  
Thu Apr 20, 2000 18:10



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

APM API – Sales Orders

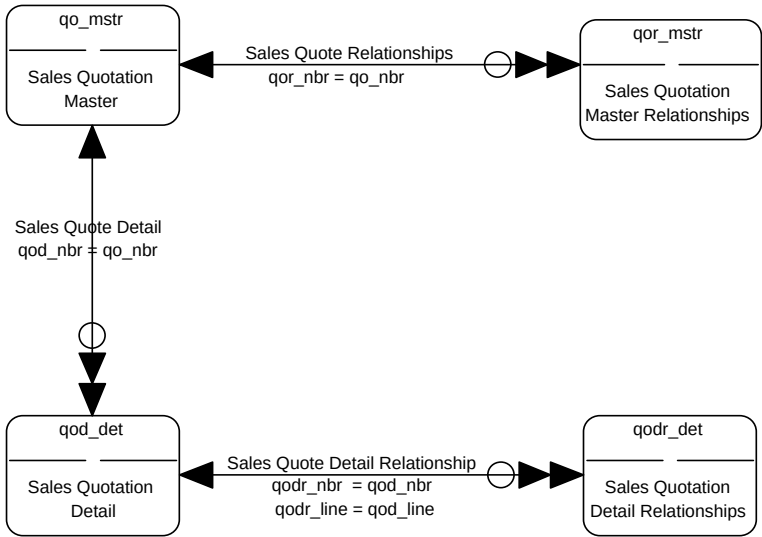
APM API - Sales Orders  
System Architect  
Tue Mar 28, 2000 10:58



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

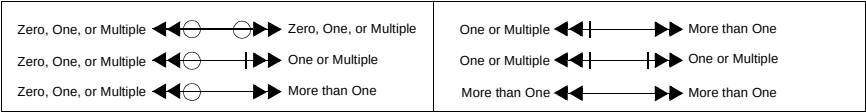
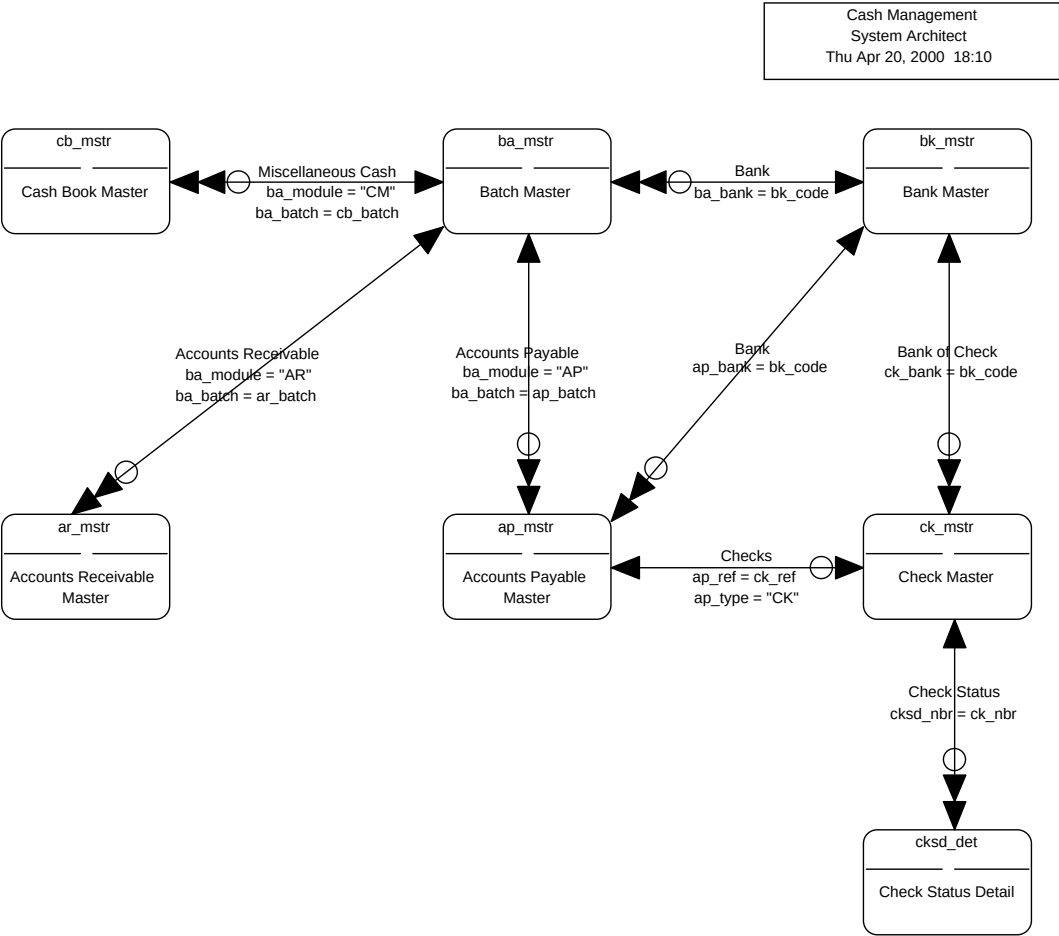
# APM API – Sales Quotations

APM API - Sales Quotations  
System Architect  
Tue Mar 28, 2000 11:01



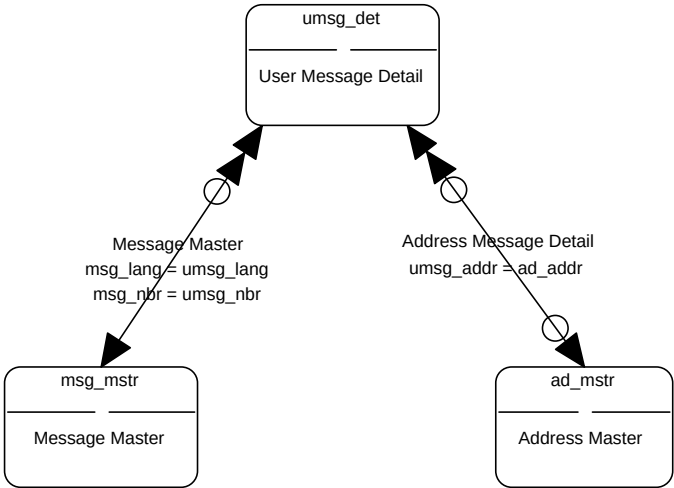
|             |                        |                  |                  |                  |                        |
|-------------|------------------------|------------------|------------------|------------------|------------------------|
| Zero or One | One and Only One       | Zero or One  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



# Configured Messages

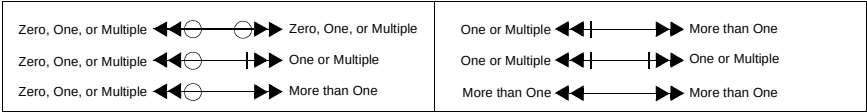
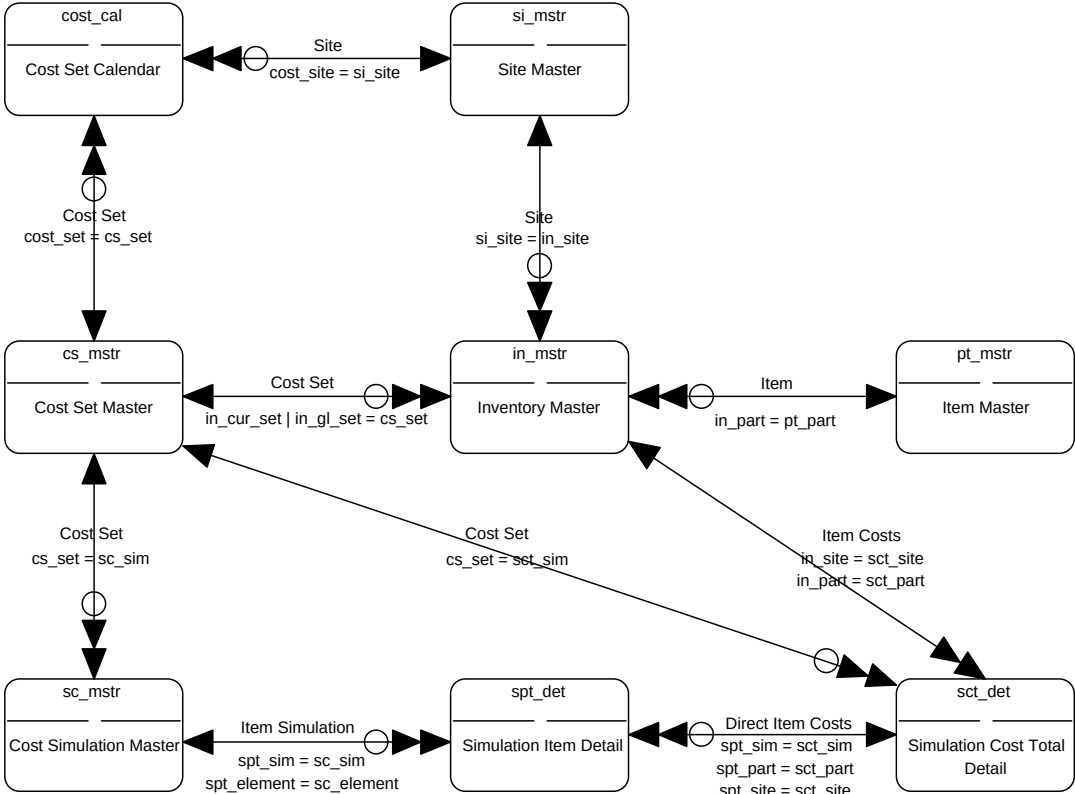
Configured Messages  
System Architect  
Thu Apr 20, 2000 18:11



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

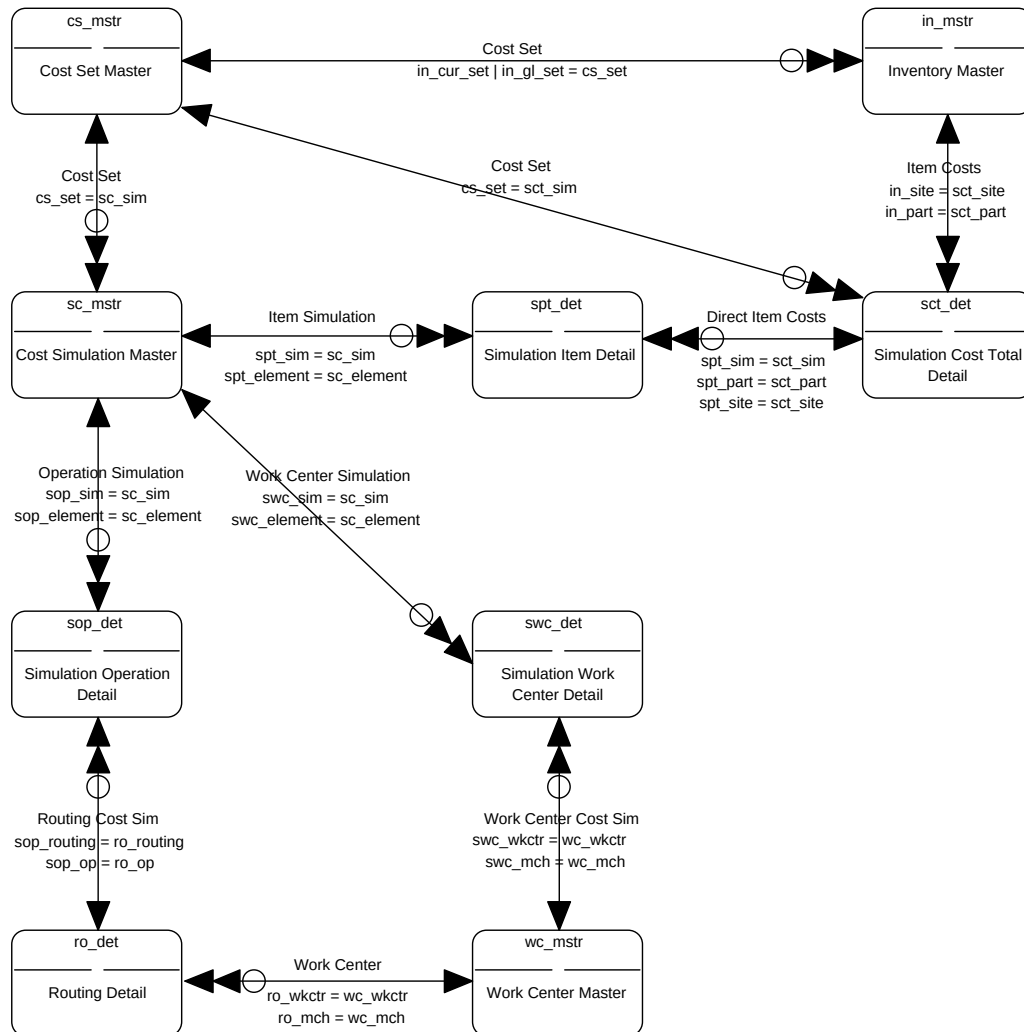
Cost Management I

Cost Management I  
System Architect  
Tue Mar 28, 2000 11:59



## Cost Management II

Cost Management II  
System Architect  
Thu Apr 20, 2000 18:12



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

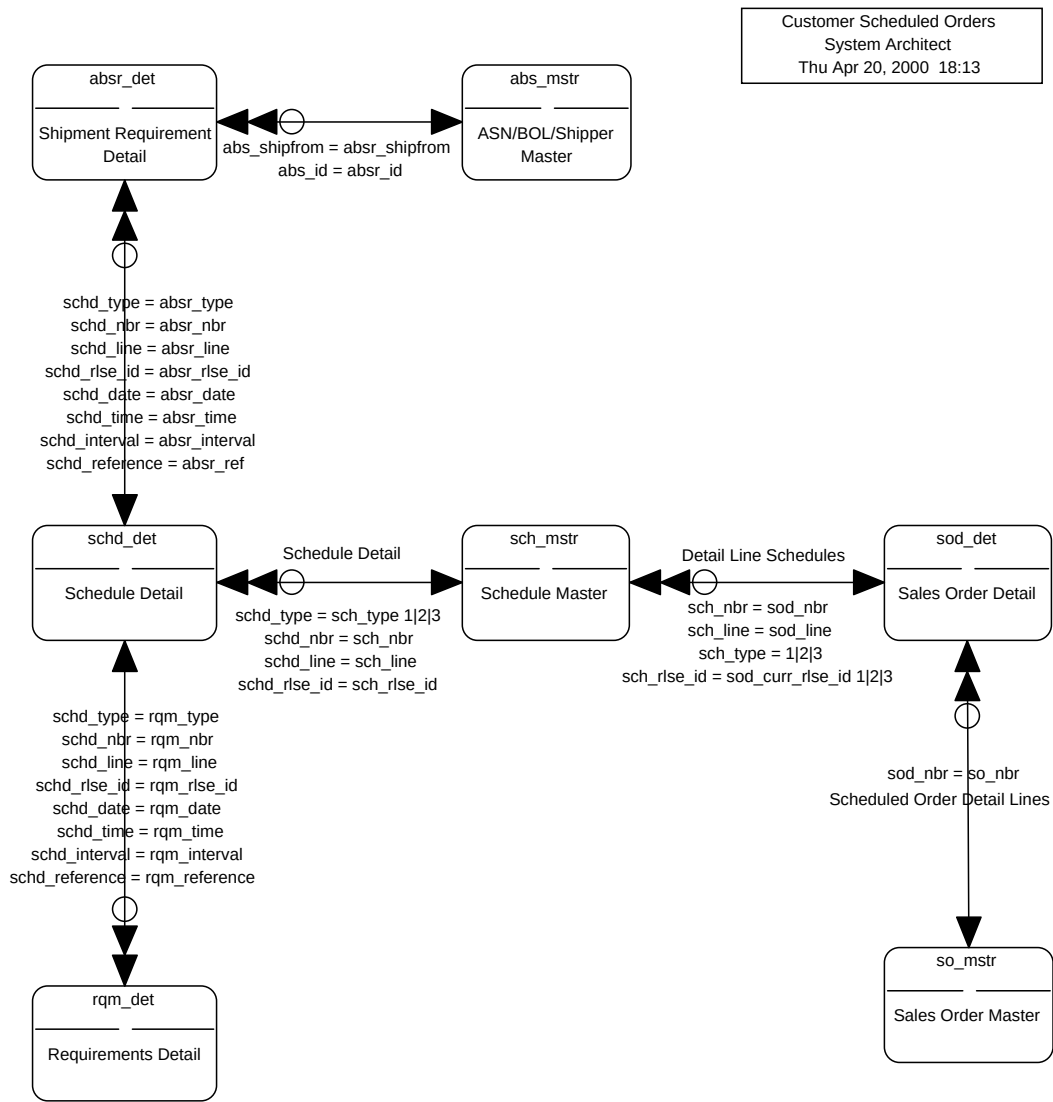
One and Only One One and Only One

One and Only One Zero, One, or Multiple

One and Only One One or Multiple

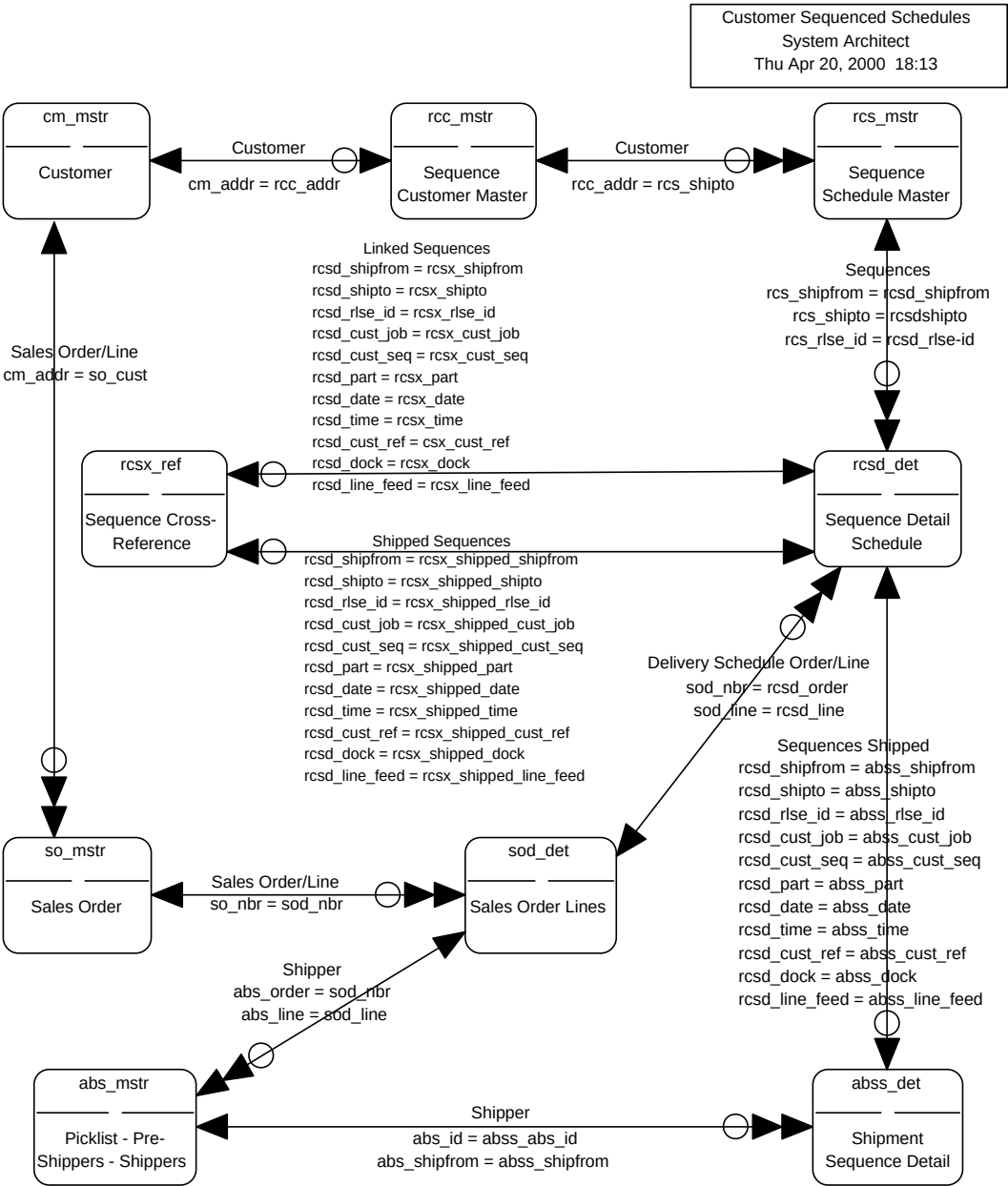
One and Only One More than One

Customer Scheduled Orders



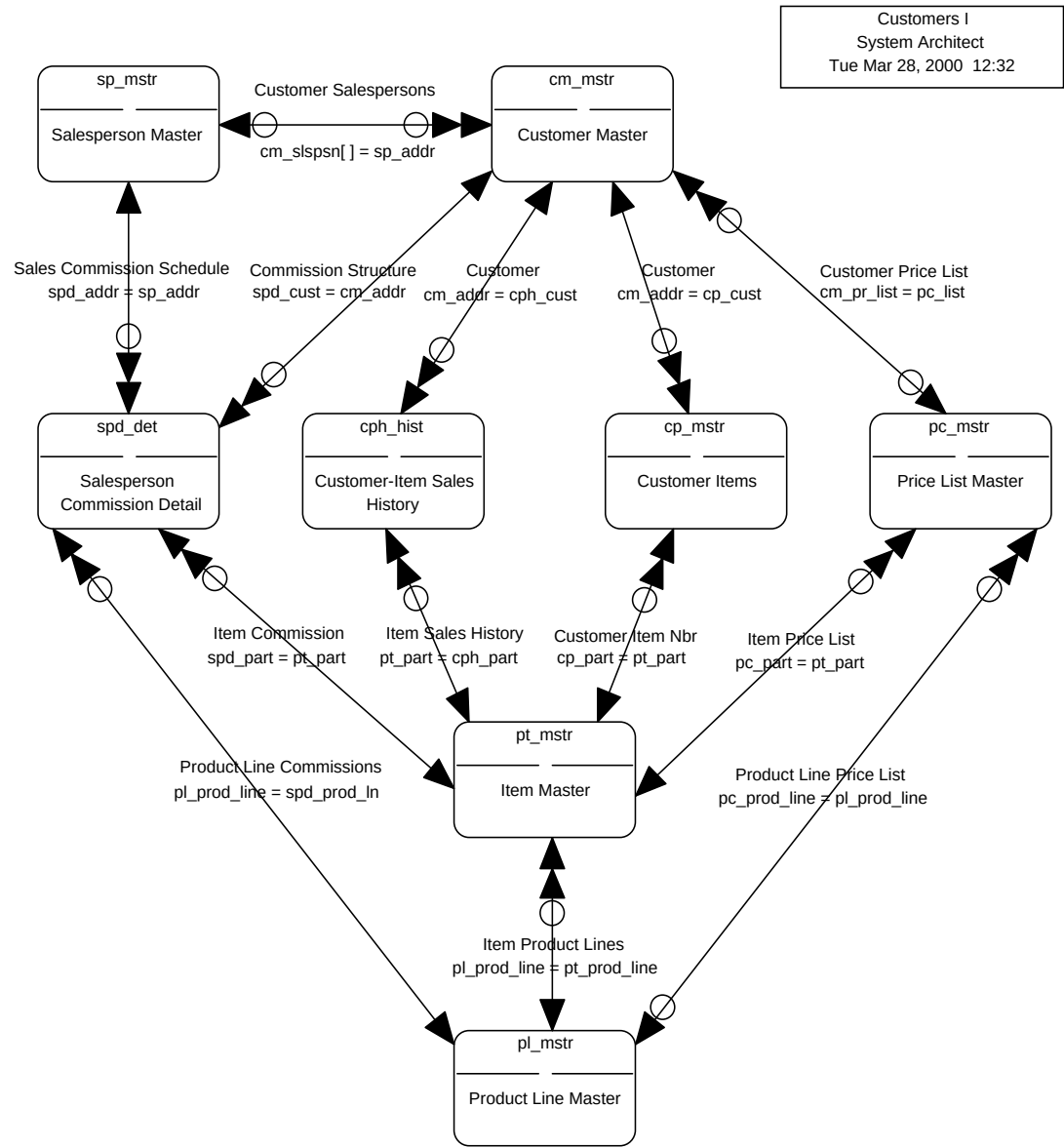
|                        |                 |                        |                 |
|------------------------|-----------------|------------------------|-----------------|
| Zero, One, or Multiple | One or Multiple | Zero, One, or Multiple | One or Multiple |
| Zero, One, or Multiple | One or Multiple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

# Customer Sequenced Schedules



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

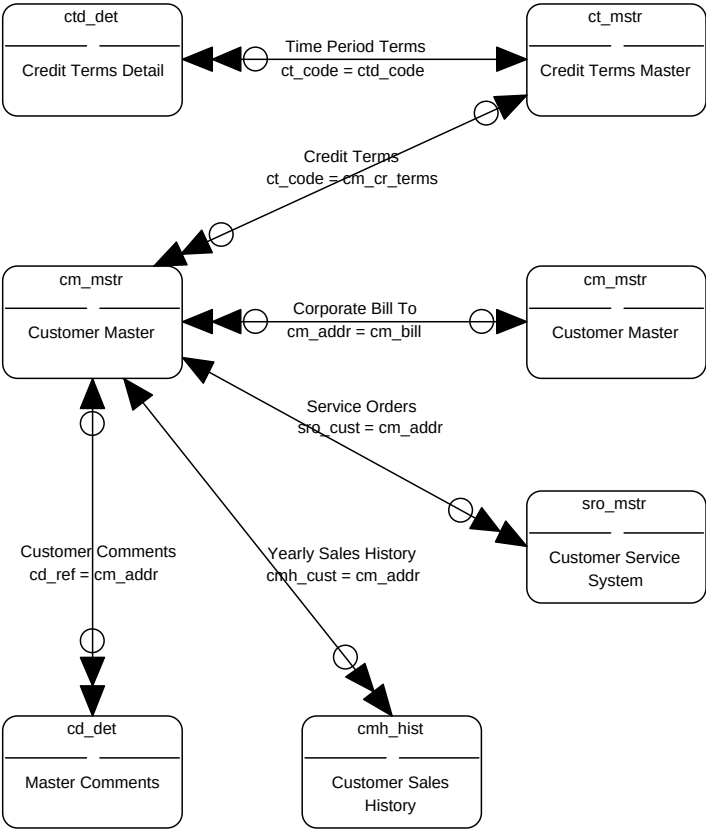
Customers I



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

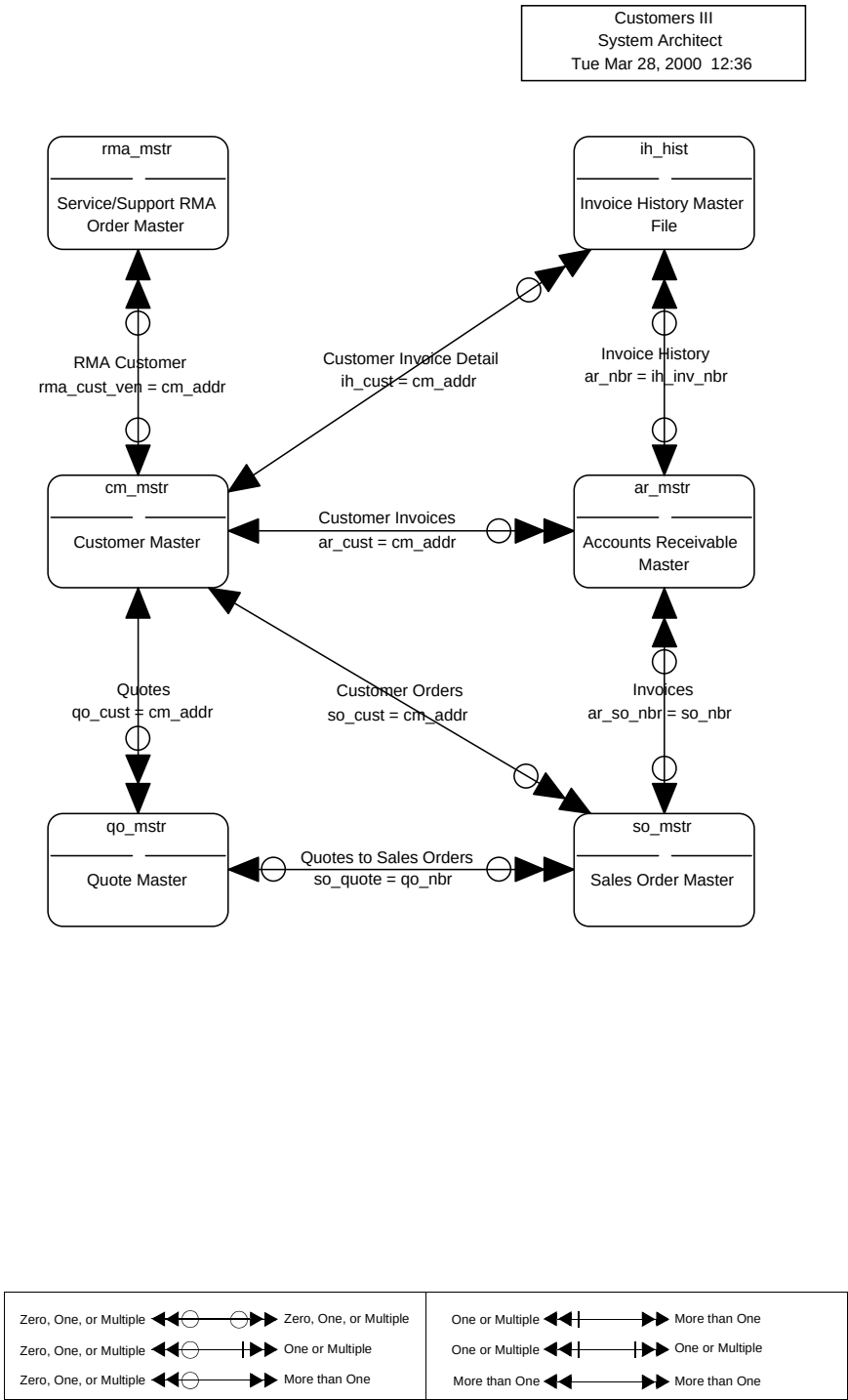
Customers II

Customers II  
System Architect  
Tue Mar 28, 2000 12:34



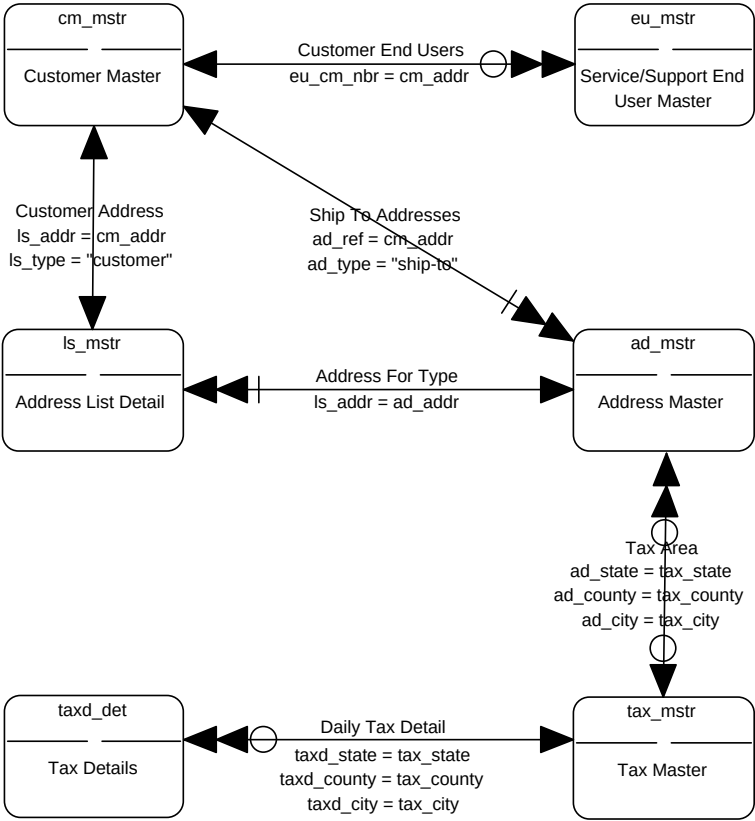
|             |                        |                  |                  |                  |                        |
|-------------|------------------------|------------------|------------------|------------------|------------------------|
| Zero or One | One and Only One       | Zero or One  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



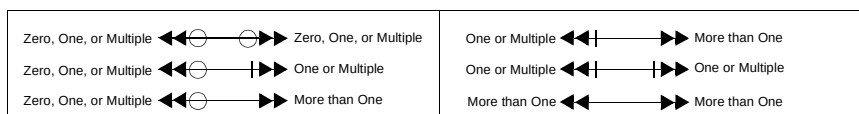
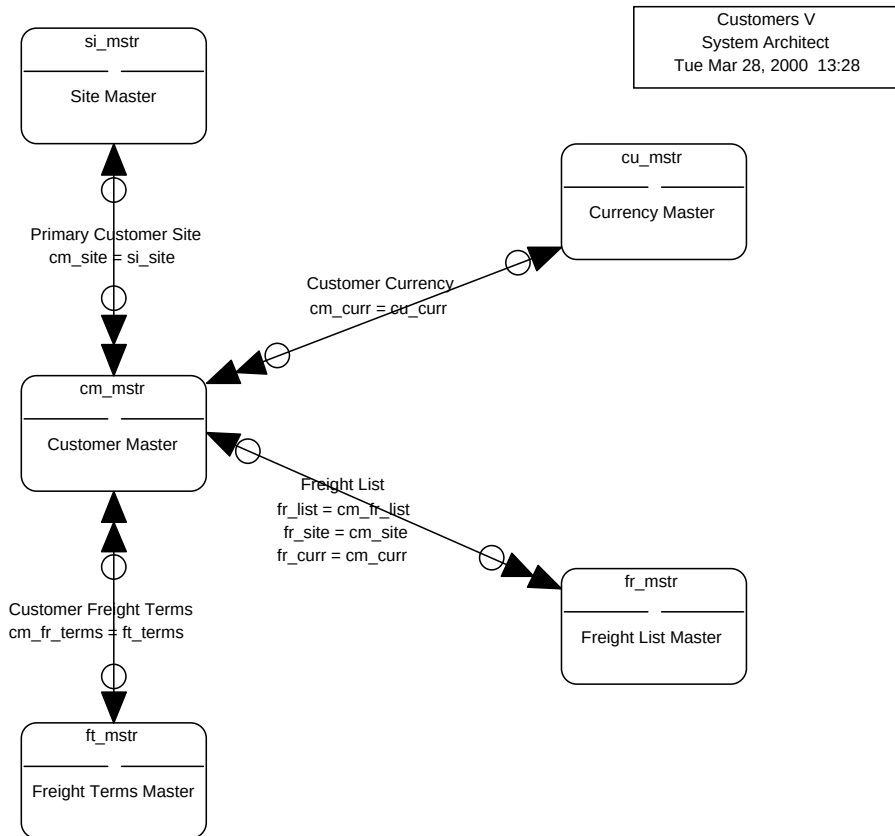
Customers IV

Customers IV  
System Architect  
Thu Mar 30, 2000 11:13

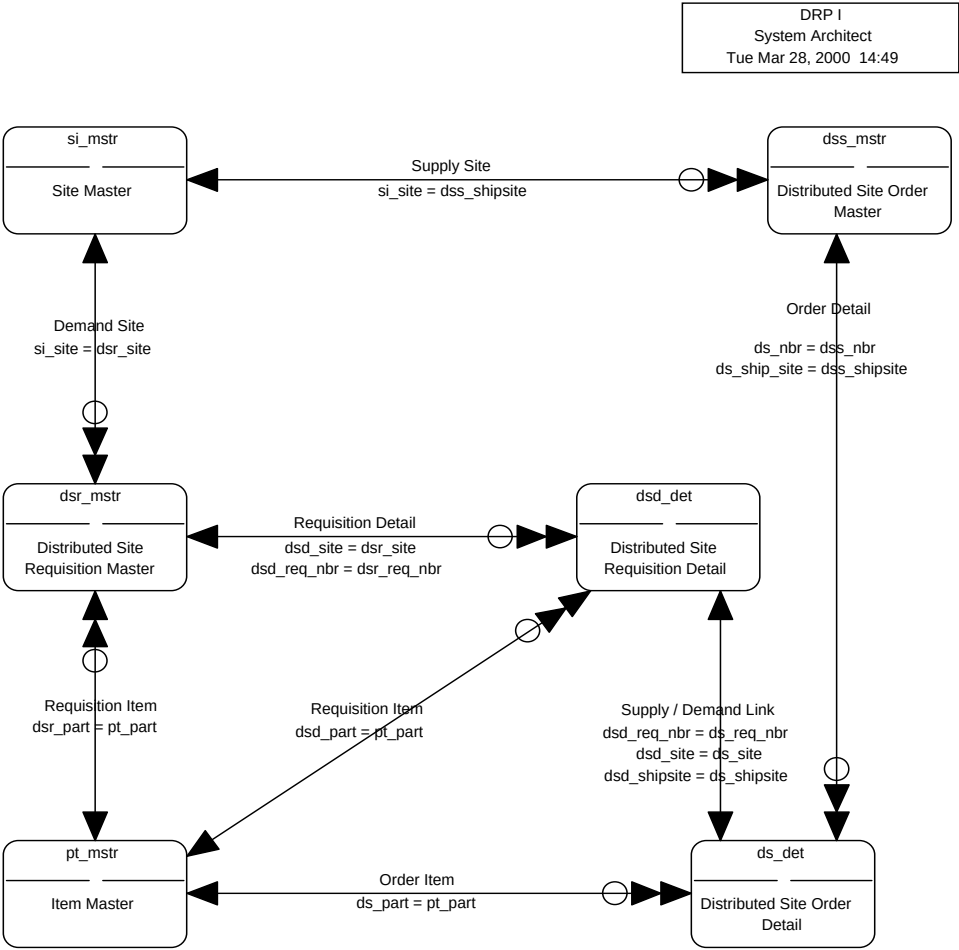


|             |                        |                  |                  |                  |                        |
|-------------|------------------------|------------------|------------------|------------------|------------------------|
| Zero or One | One and Only One       | Zero or One  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



DRP I

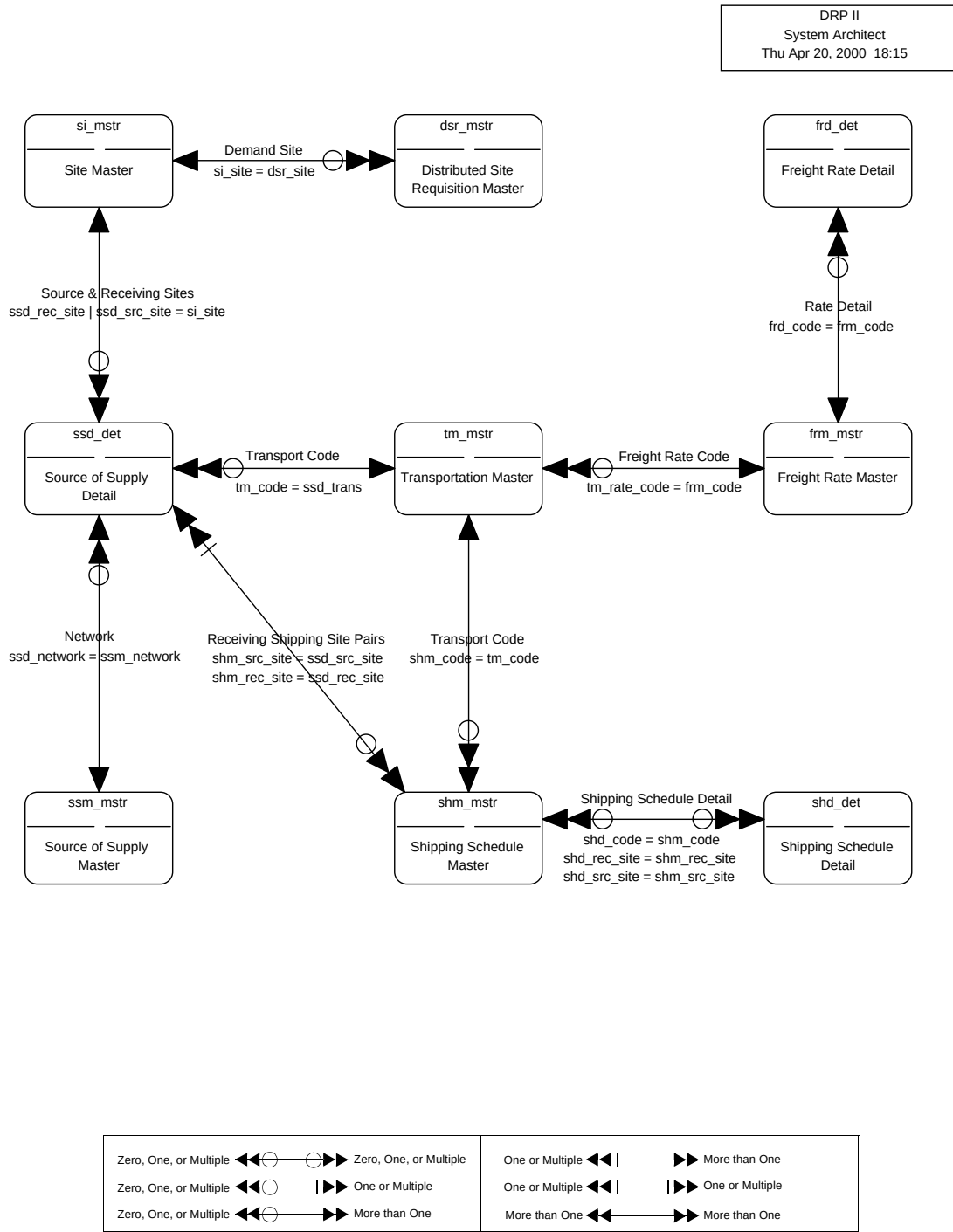


|             |                        |
|-------------|------------------------|
| Zero or One | One and Only One       |
| Zero or One | Zero or One            |
| Zero or One | Zero, One, or Multiple |

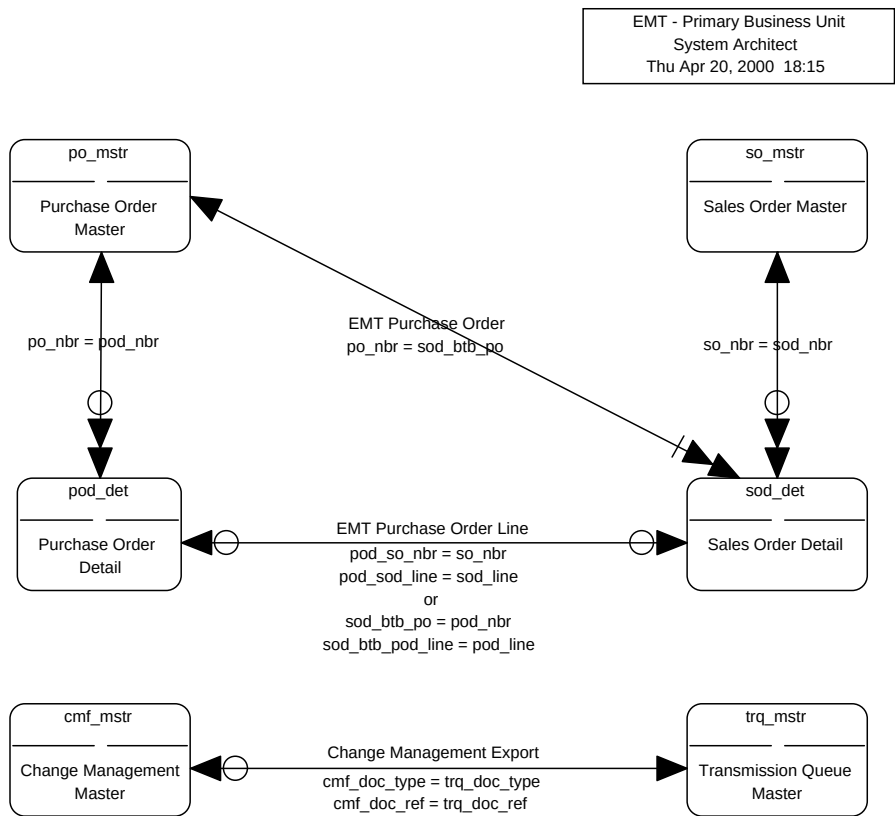
|                  |                  |
|------------------|------------------|
| Zero or One      | One or Multiple  |
| Zero or One      | More than One    |
| One and Only One | One and Only One |

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

DRP II



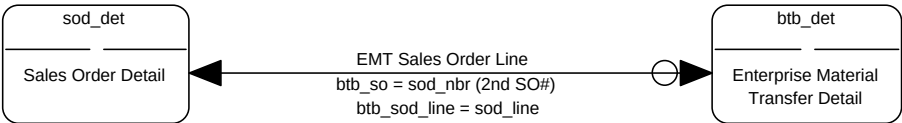
EMT – Primary Business Unit



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

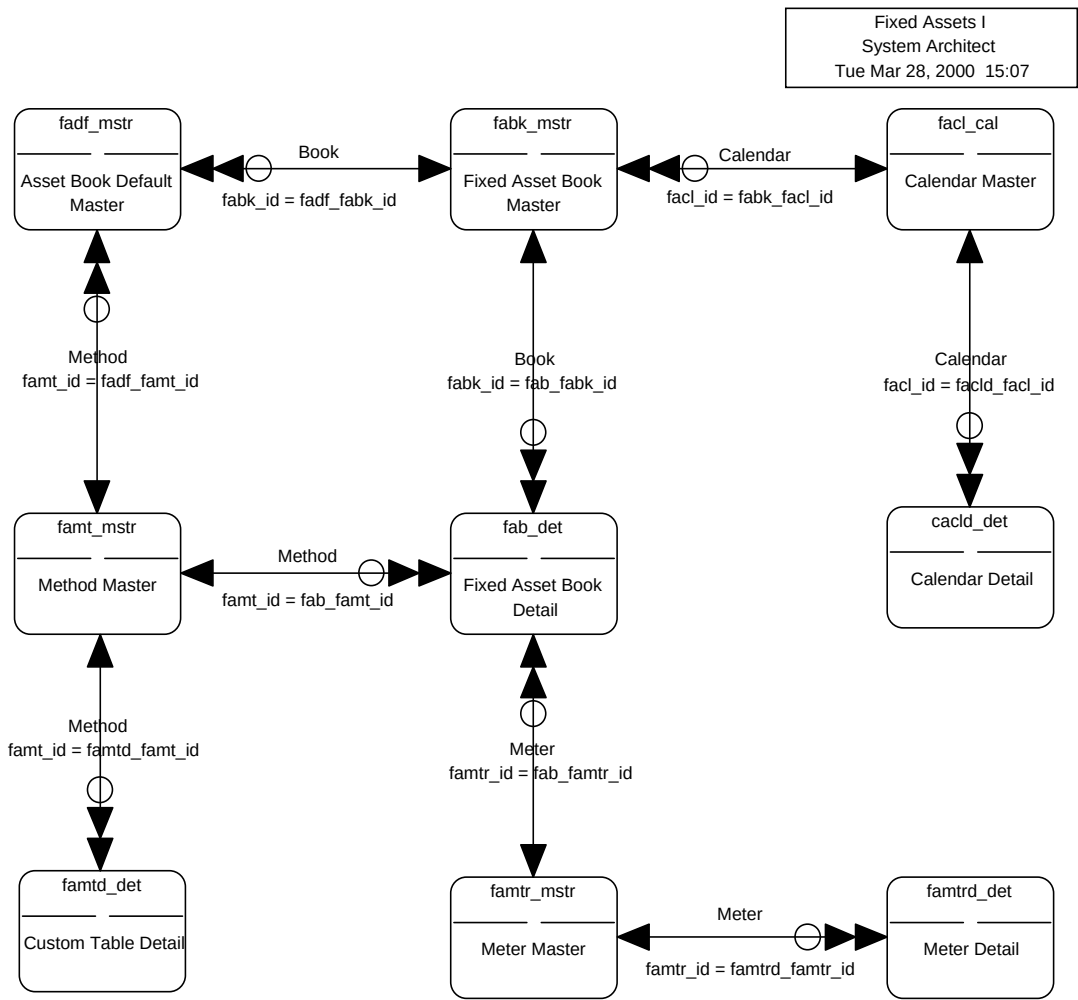
# EMT – Secondary Business Unit

EMT - Secondary Business Unit  
System Architect  
Thu Apr 20, 2000 18:15



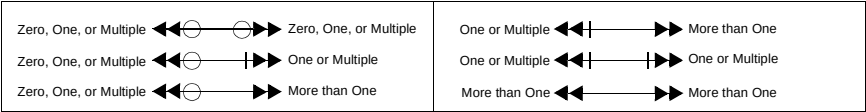
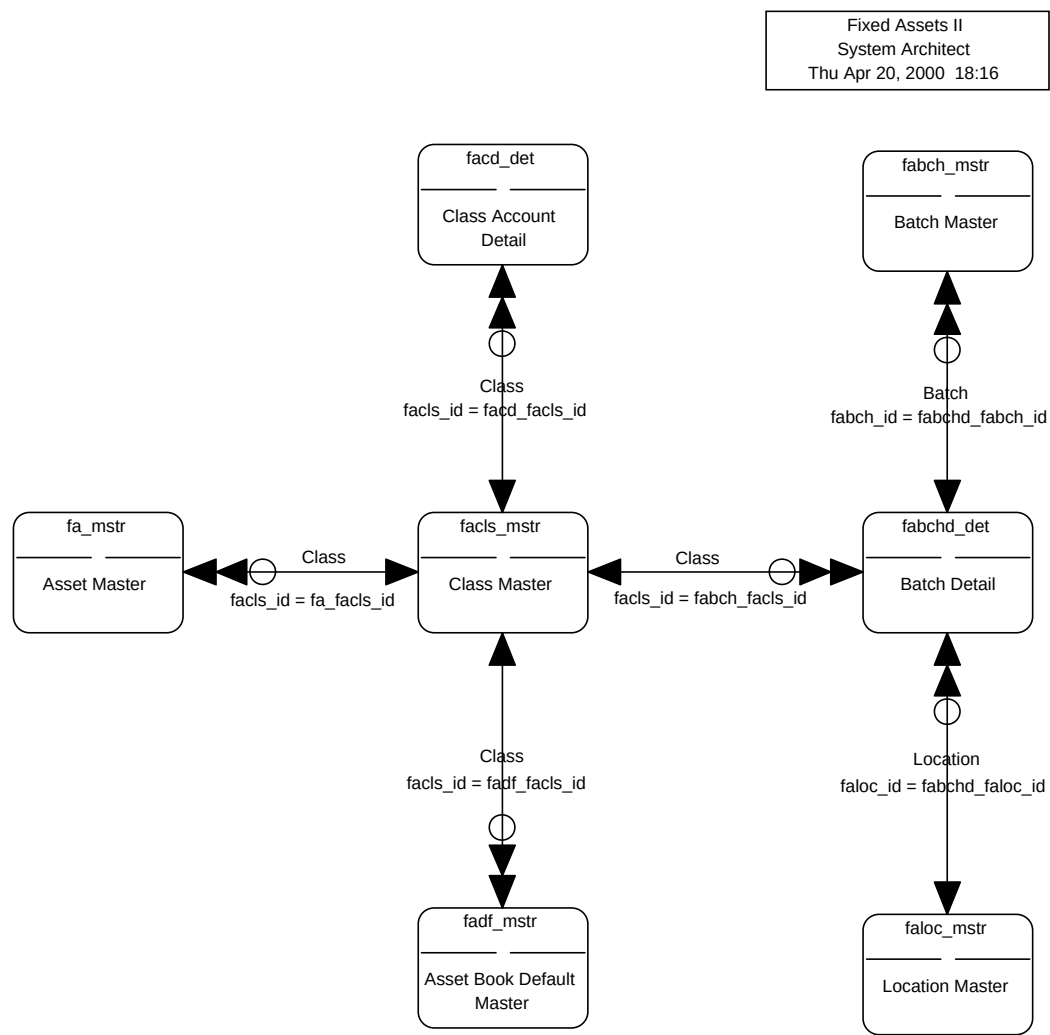
|                        |        |                        |                 |        |                 |
|------------------------|--------|------------------------|-----------------|--------|-----------------|
| Zero, One, or Multiple | ◀◀⊖⊖▶▶ | Zero, One, or Multiple | One or Multiple | ◀◀⊖▶▶▶ | More 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   |

Fixed Assets I

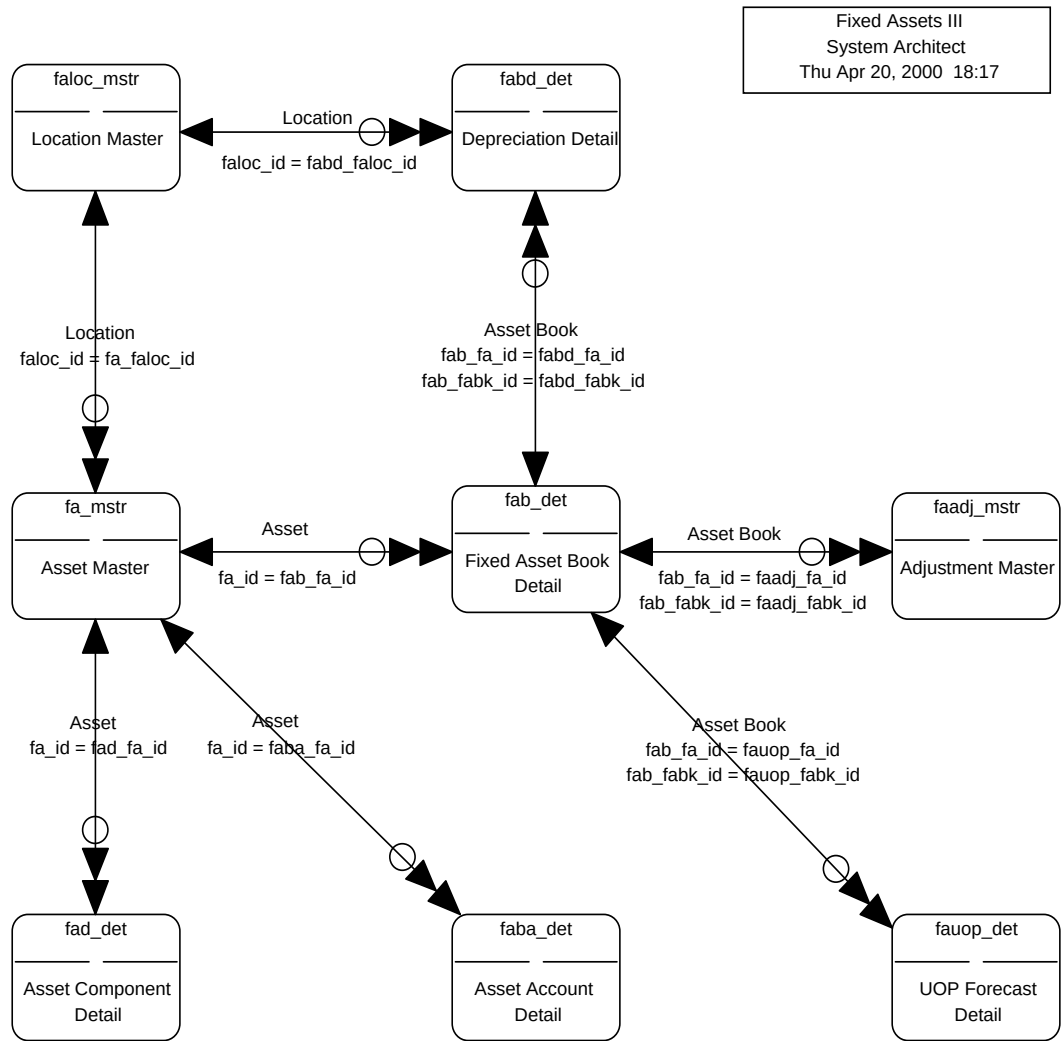


|             |                        |                  |                  |                  |                        |
|-------------|------------------------|------------------|------------------|------------------|------------------------|
| Zero or One | One and Only One       | Zero or One  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

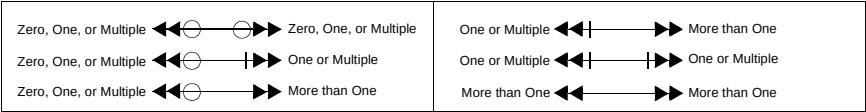
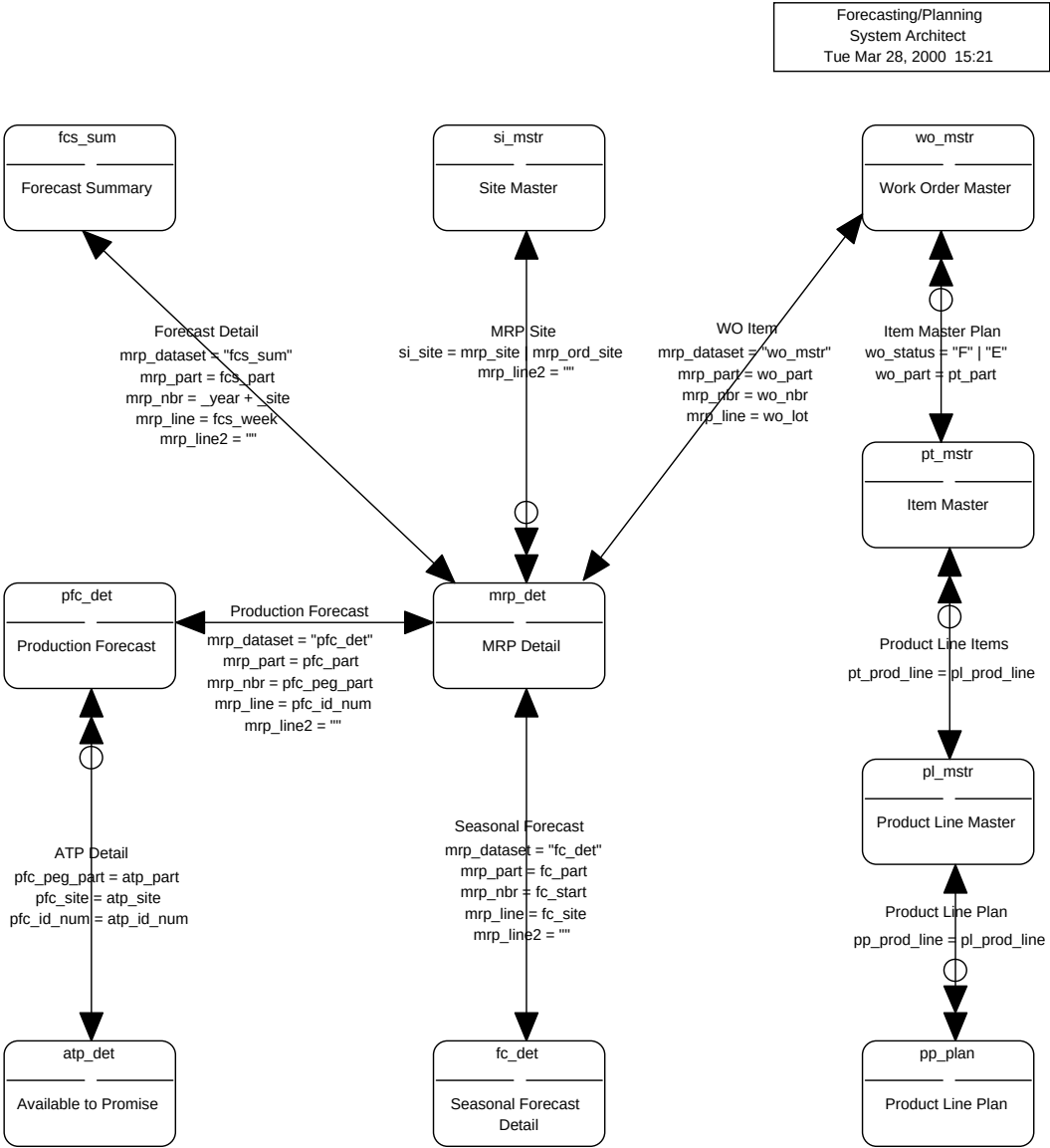


Fixed Assets III



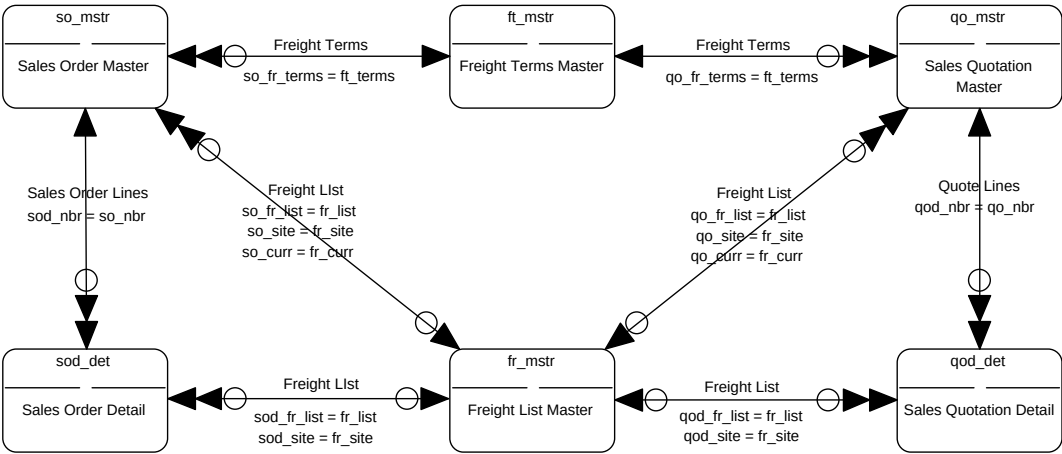
|             |                        |                  |                  |                  |                        |
|-------------|------------------------|------------------|------------------|------------------|------------------------|
| Zero or One | One and Only One       | Zero or One  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



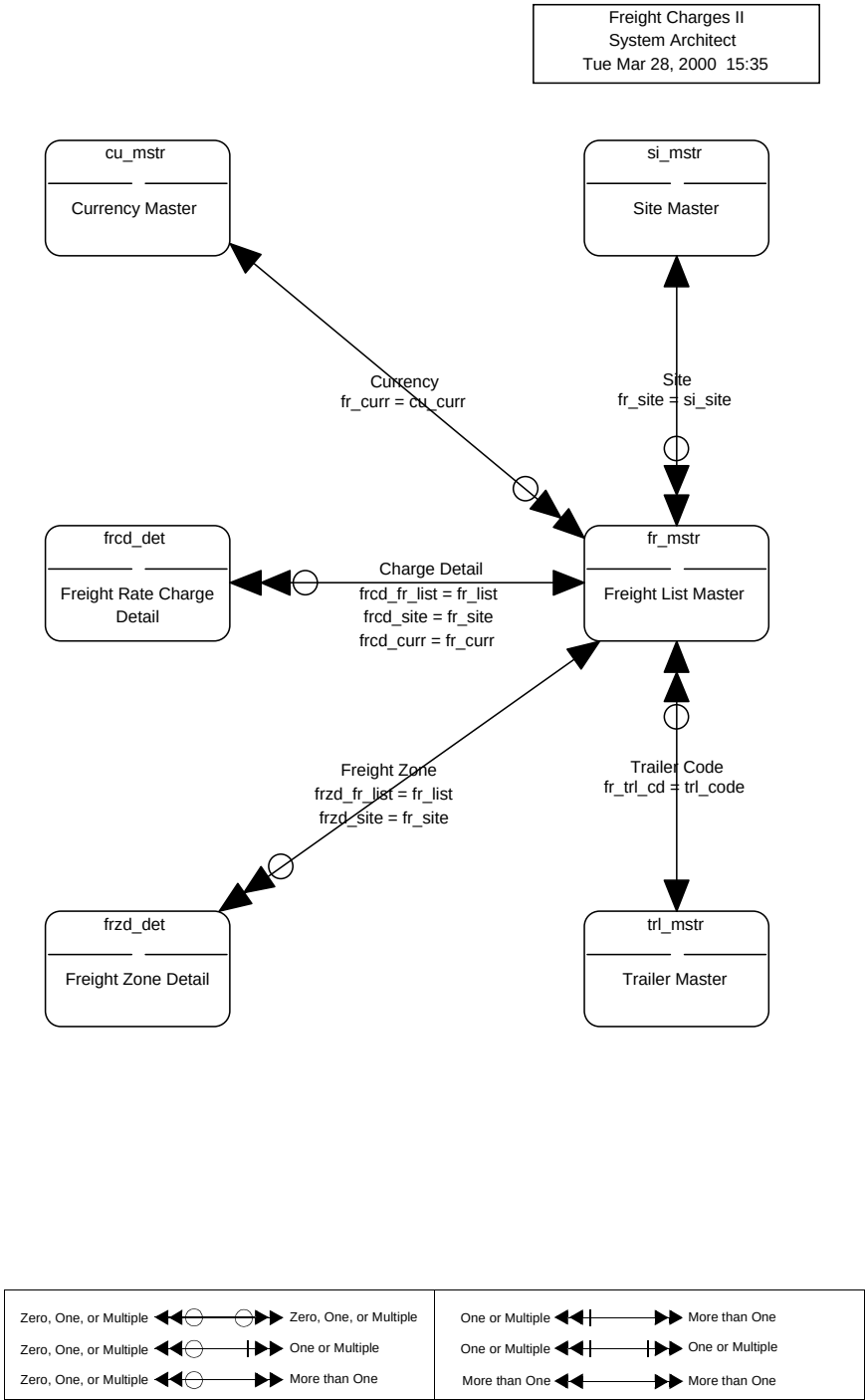
# Freight Charges I

Freight Charges I  
System Architect  
Tue Mar 28, 2000 15:34

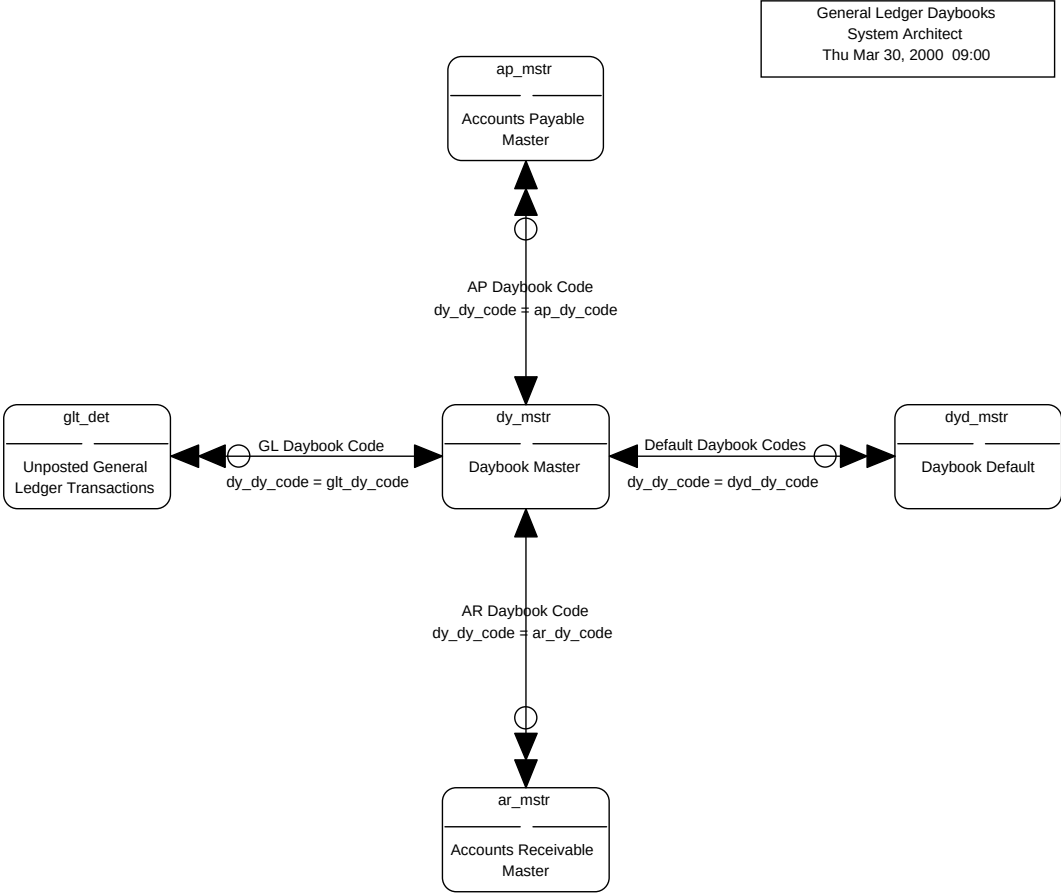


|                                                                                                 |                                                                                                            |                                                                                                      |                                                                                                      |                                                                                                        |                                                                                                              |
|-------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| 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 II



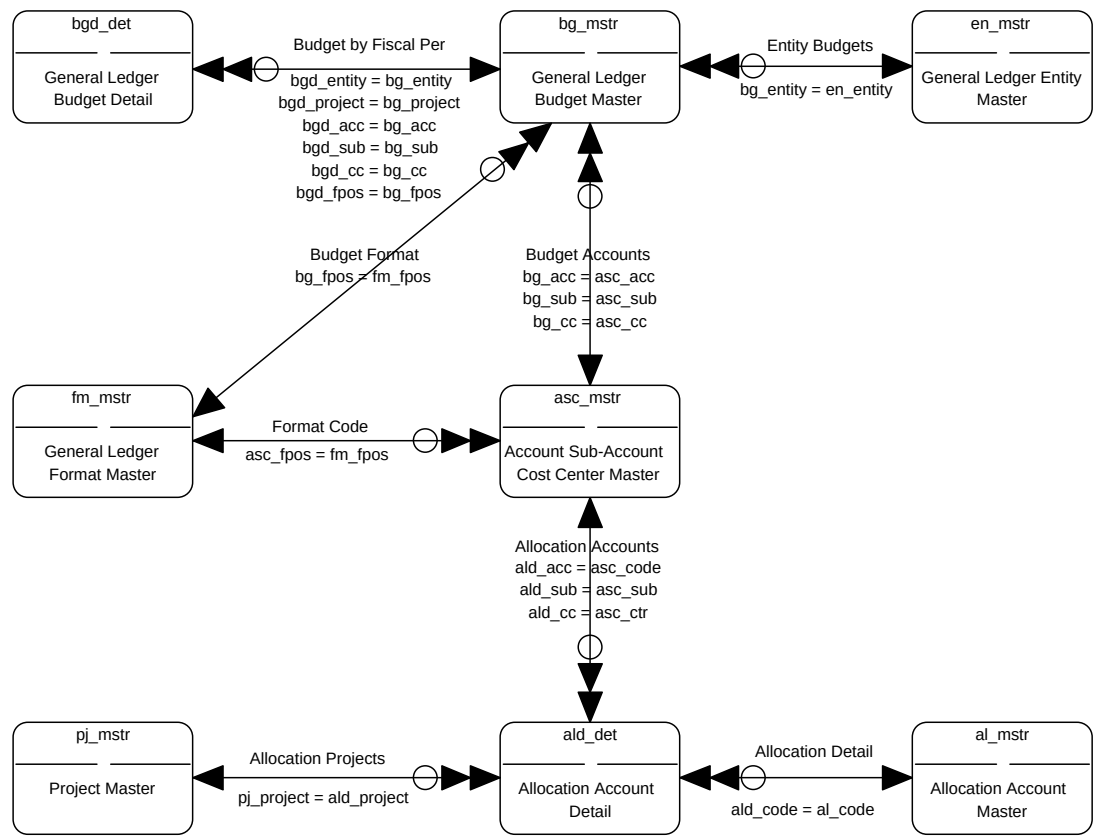
# General Ledger Daybooks



|             |                        |                  |                  |                  |                        |
|-------------|------------------------|------------------|------------------|------------------|------------------------|
| 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 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 Master I

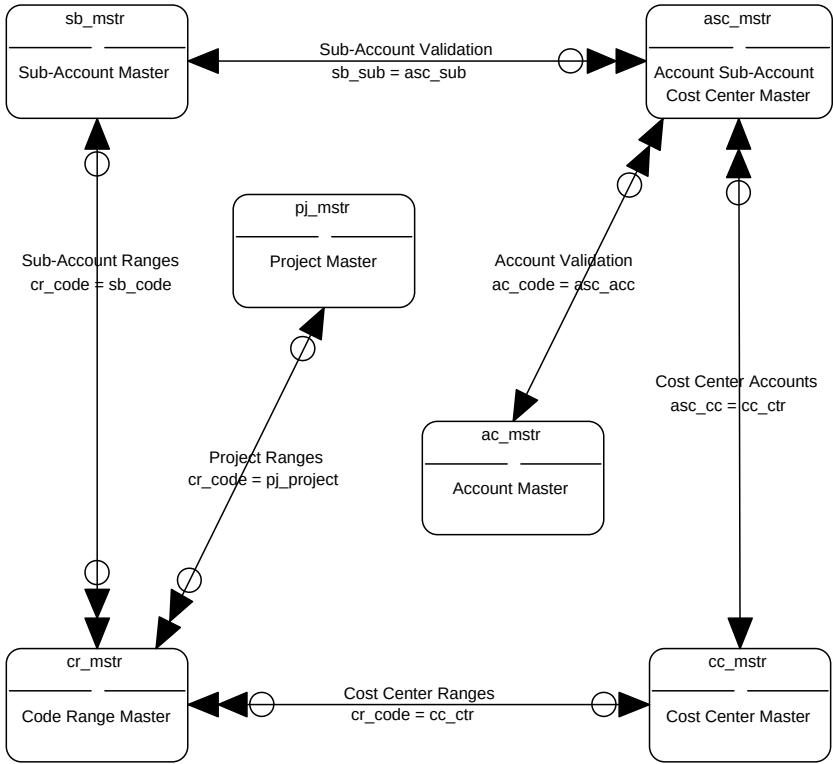
General Ledger Master I  
System Architect  
Thu Apr 20, 2000 18:17



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

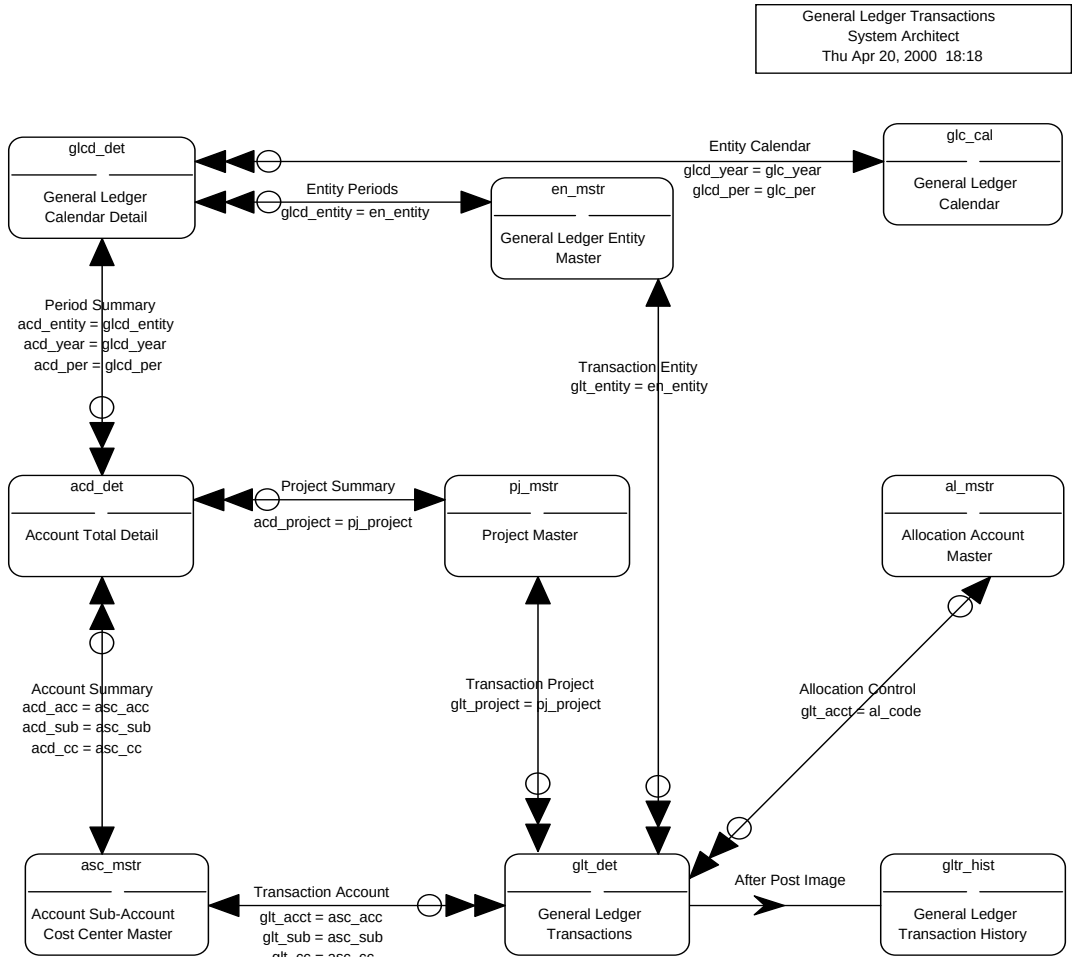
# General Ledger Master II

General Ledger Master II  
System Architect  
Tue Mar 28, 2000 15:43

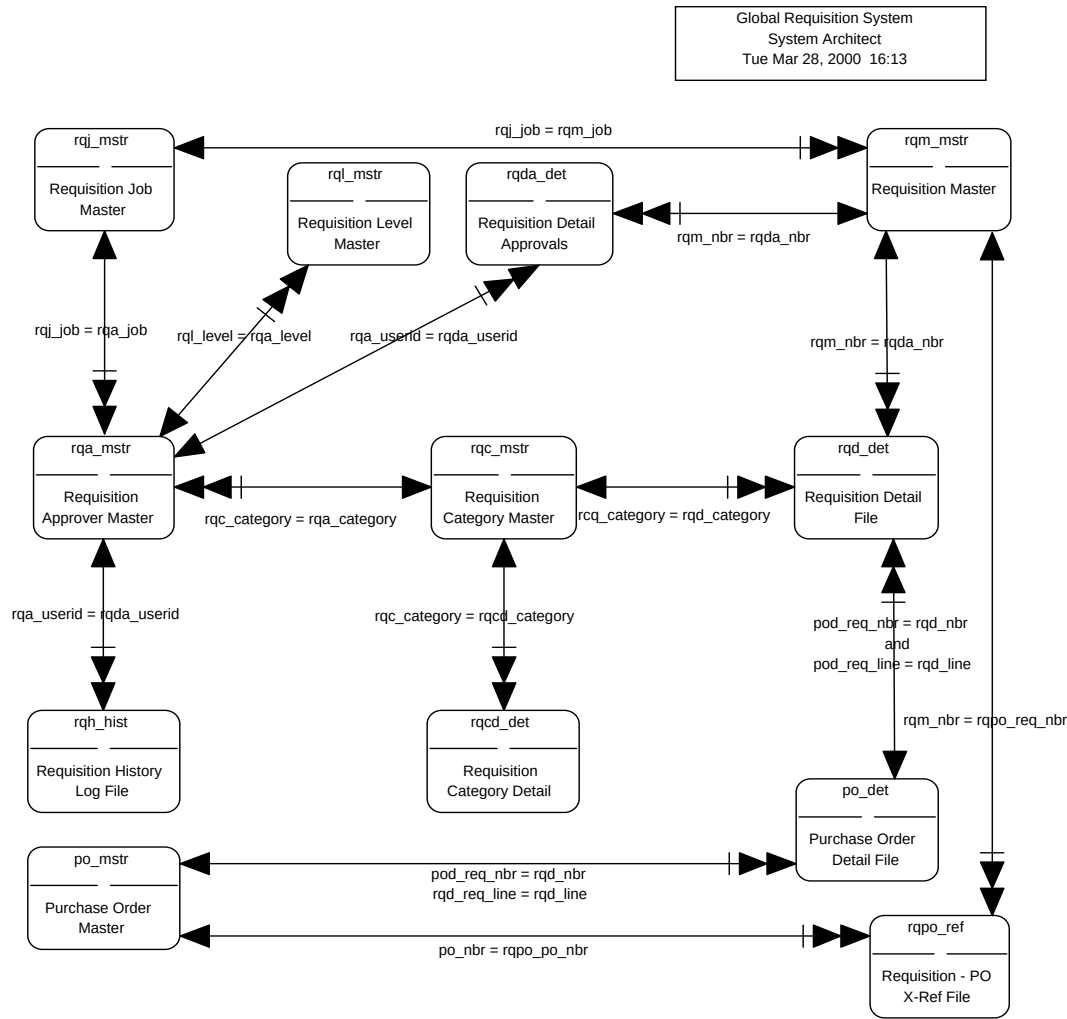


|             |                        |                  |                  |                  |                        |
|-------------|------------------------|------------------|------------------|------------------|------------------------|
| Zero or One | One and Only One       | Zero or One  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

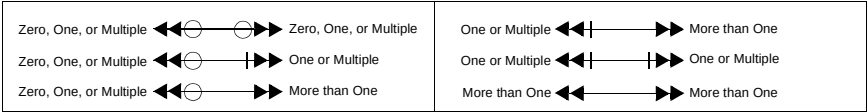
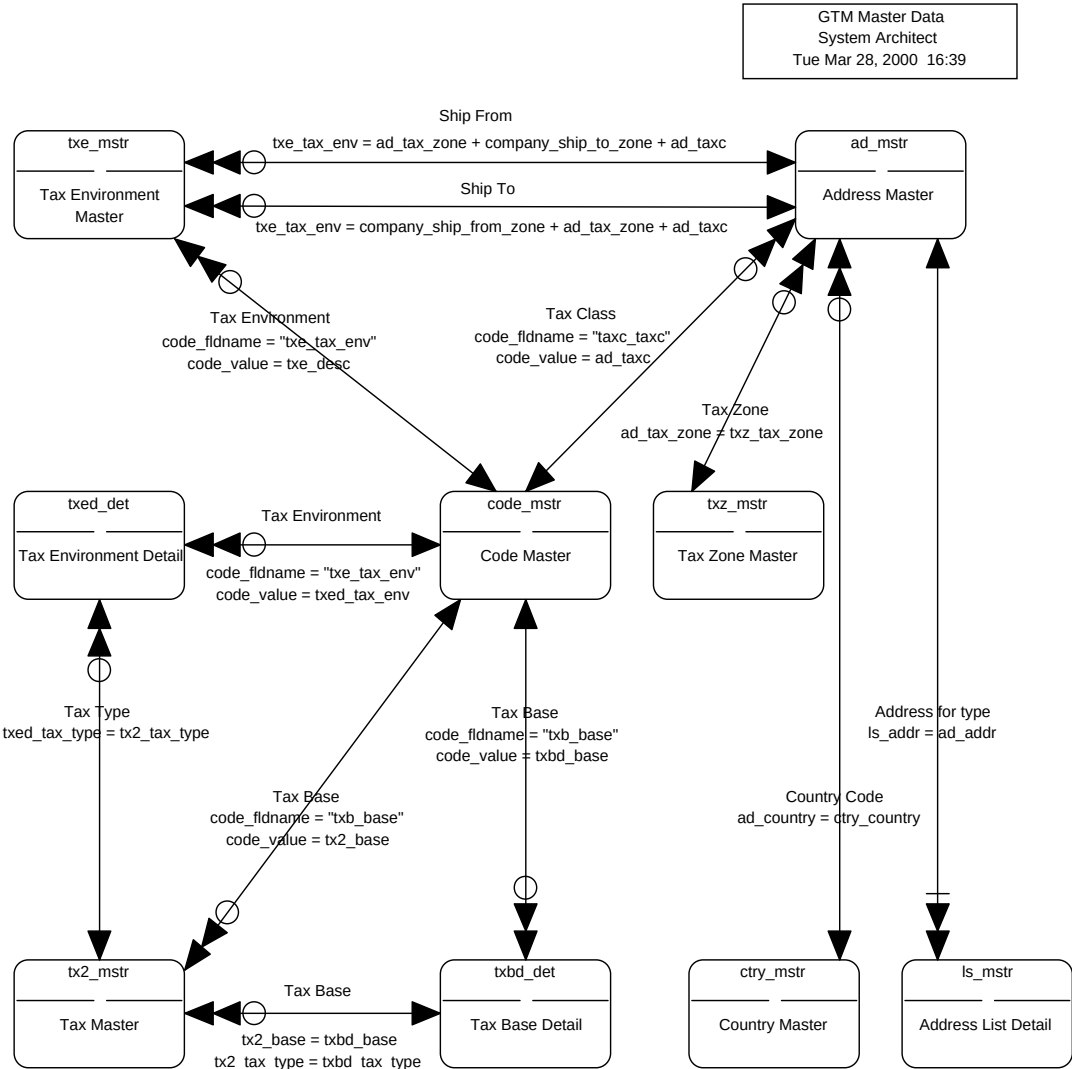


# Global Requisition System

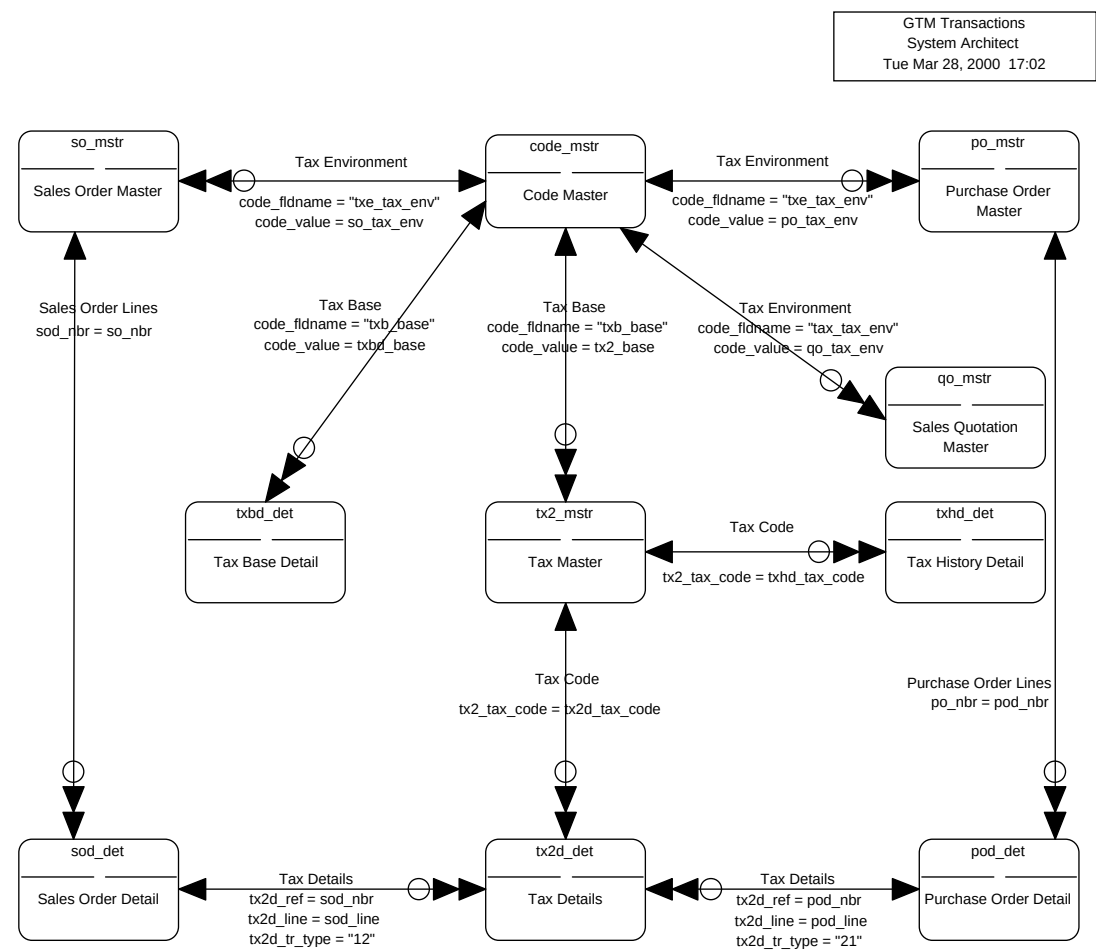


|             |                        |                  |                  |                  |                        |
|-------------|------------------------|------------------|------------------|------------------|------------------------|
| Zero or One | One and Only One       | Zero or One  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

GTM Master Data

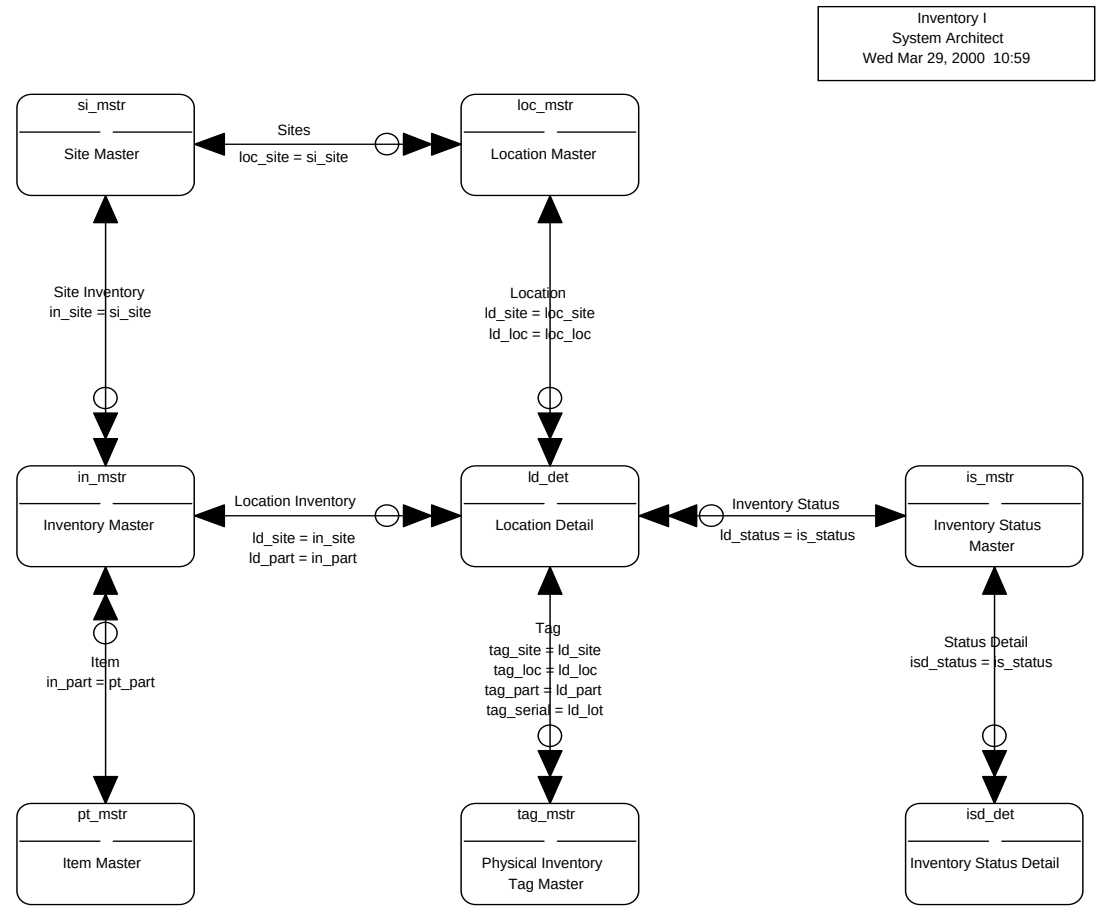


GTM Transactions



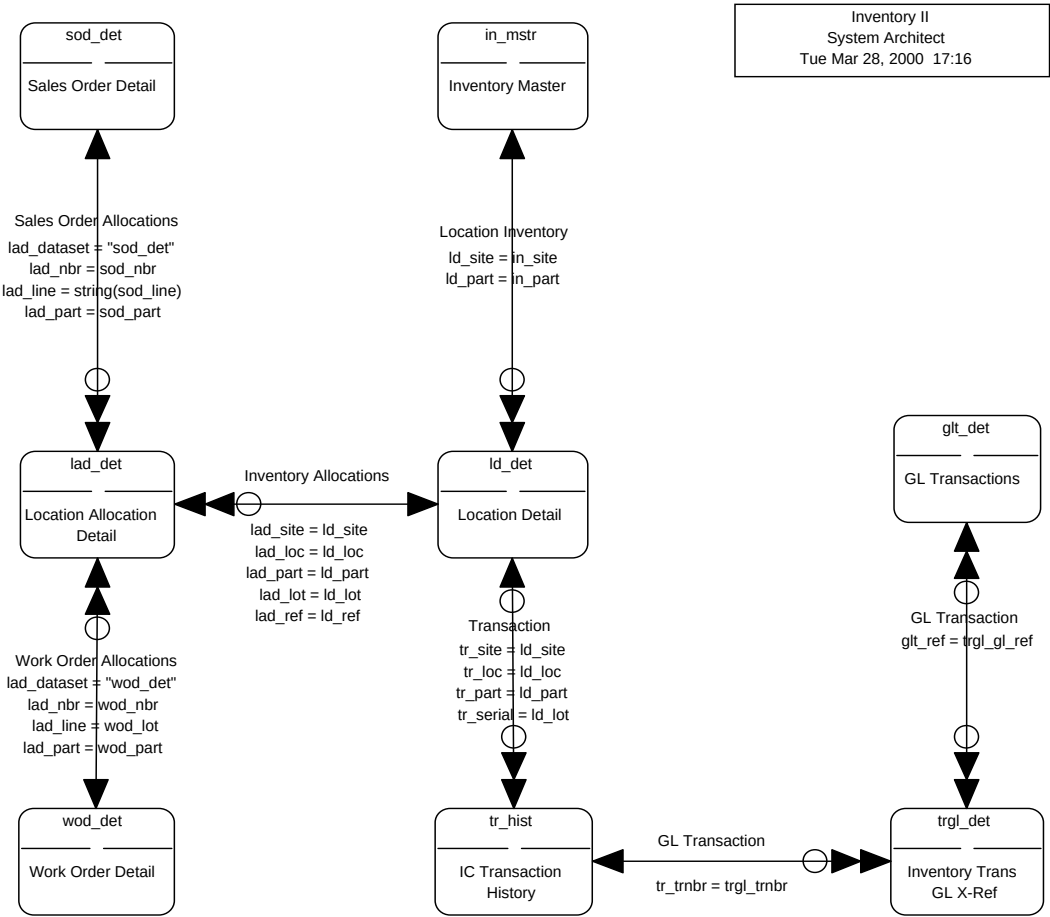
|             |                        |                  |                  |                  |                        |
|-------------|------------------------|------------------|------------------|------------------|------------------------|
| Zero or One | One and Only One       | Zero or One  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

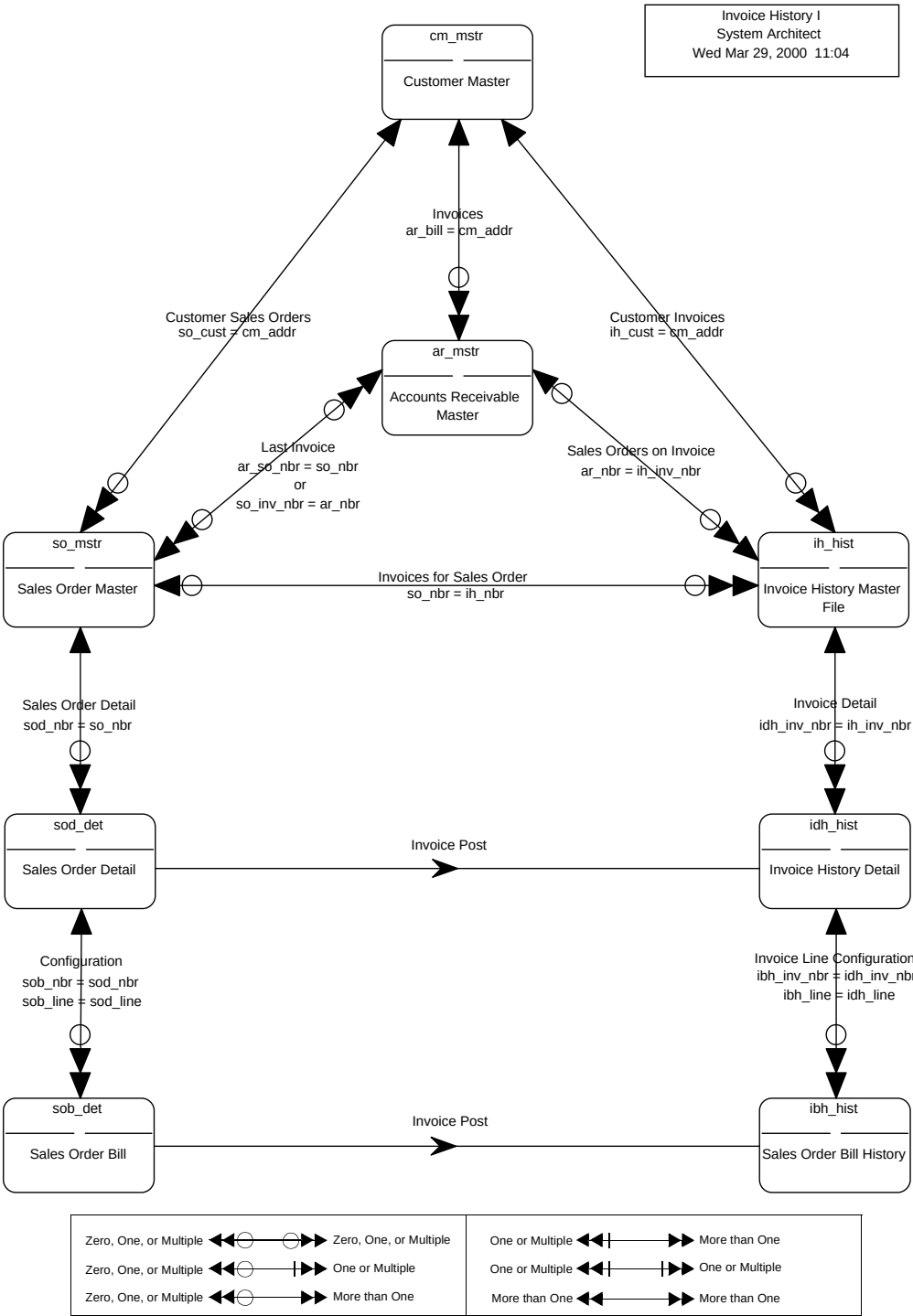


|                        |                        |                 |                 |
|------------------------|------------------------|-----------------|-----------------|
| Zero, One, or Multiple | Zero, One, or Multiple | One or Multiple | More than One   |
| Zero, One, or Multiple | One or Multiple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

Inventory II

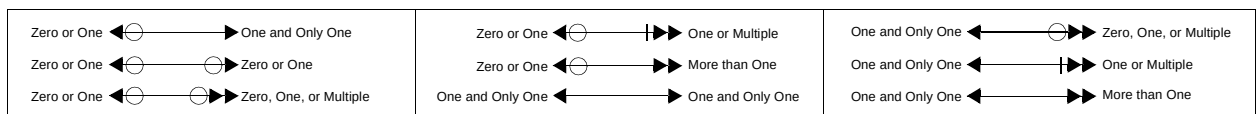
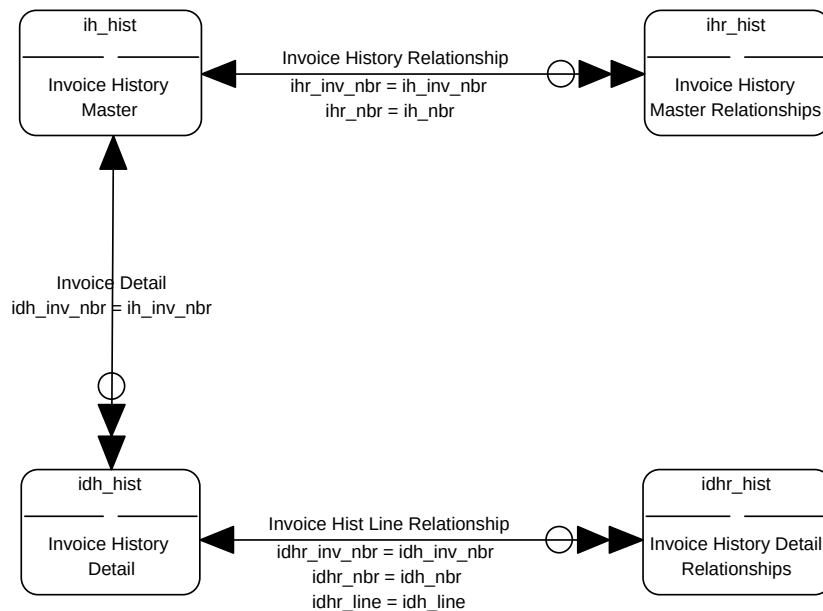


# Invoice History I

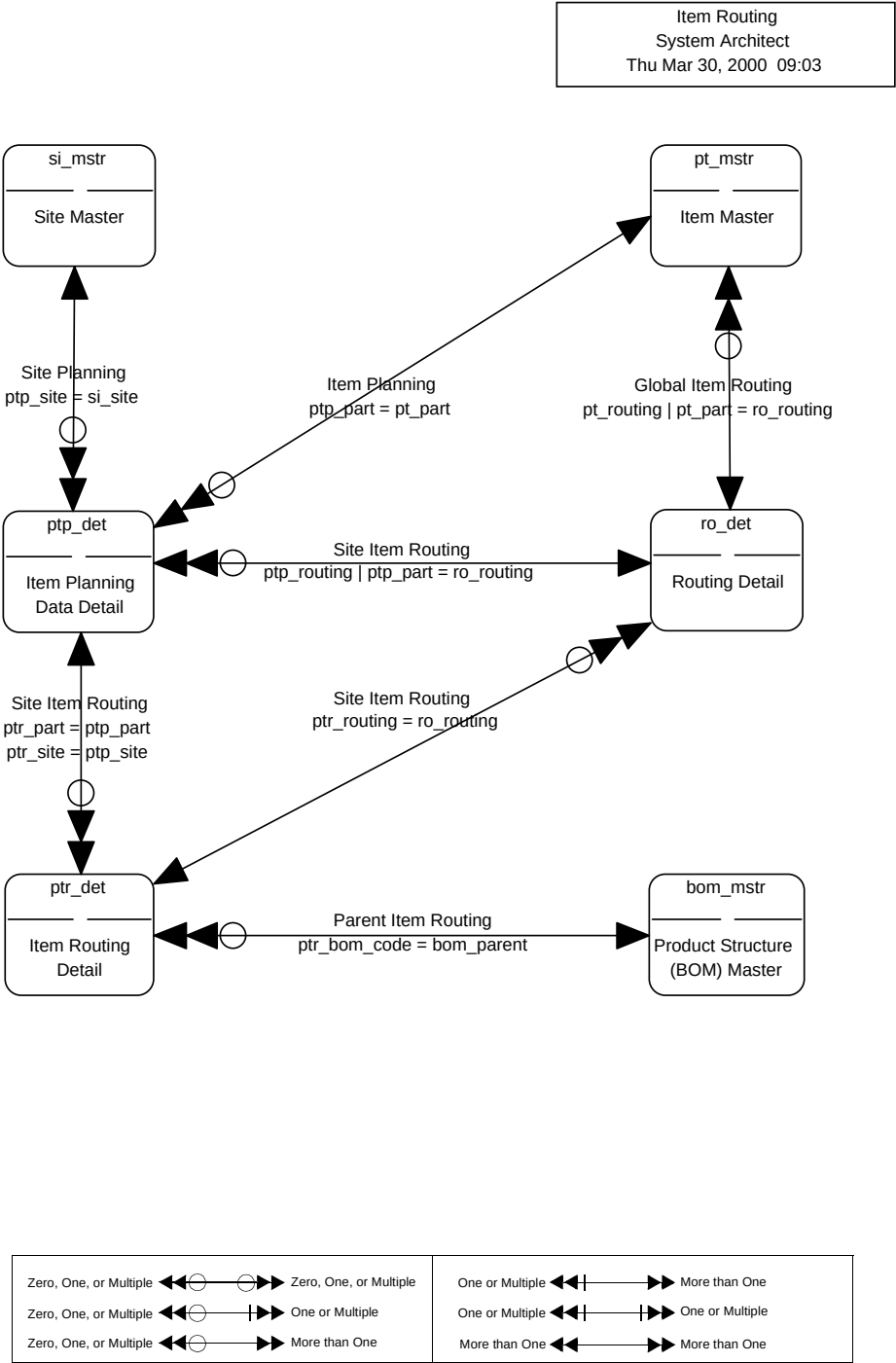


## Invoice History II

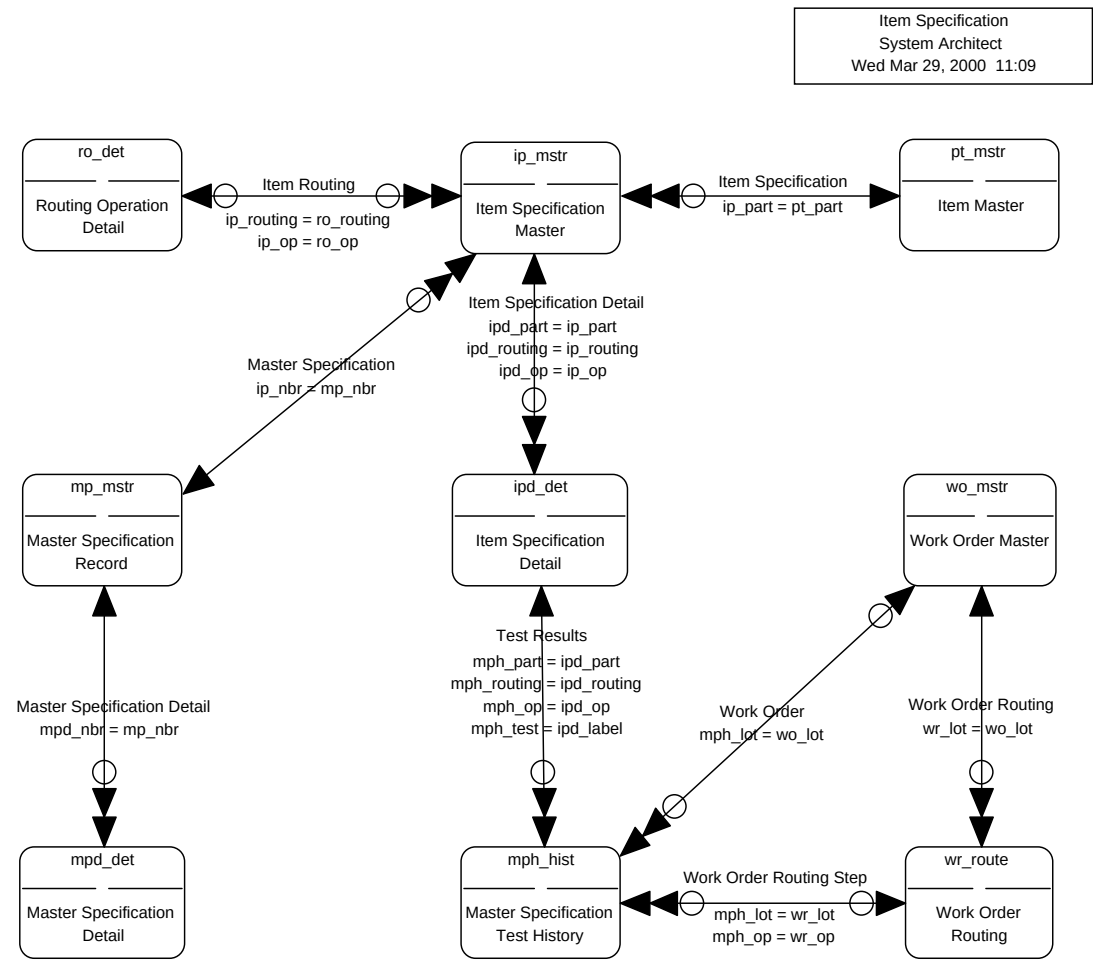
Invoice History II  
System Architect  
Wed Mar 29, 2000 11:07



Item Routing

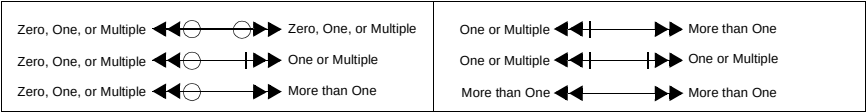
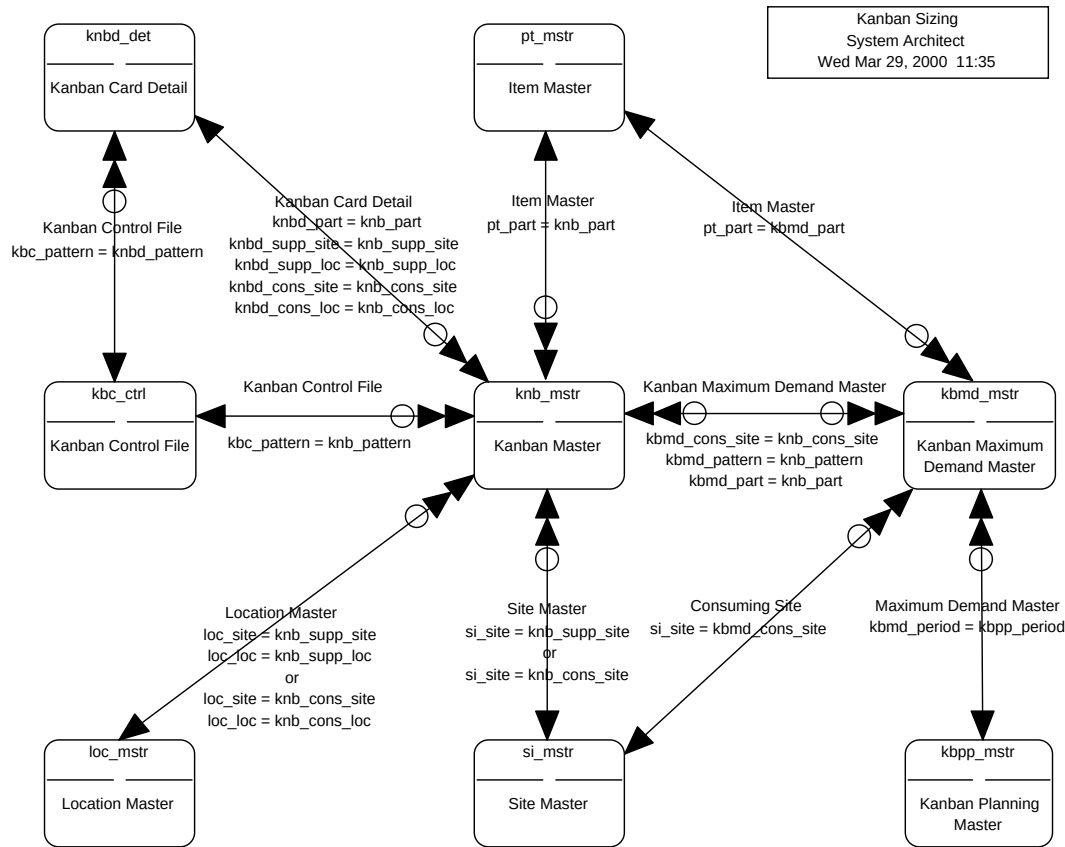


Item Specification

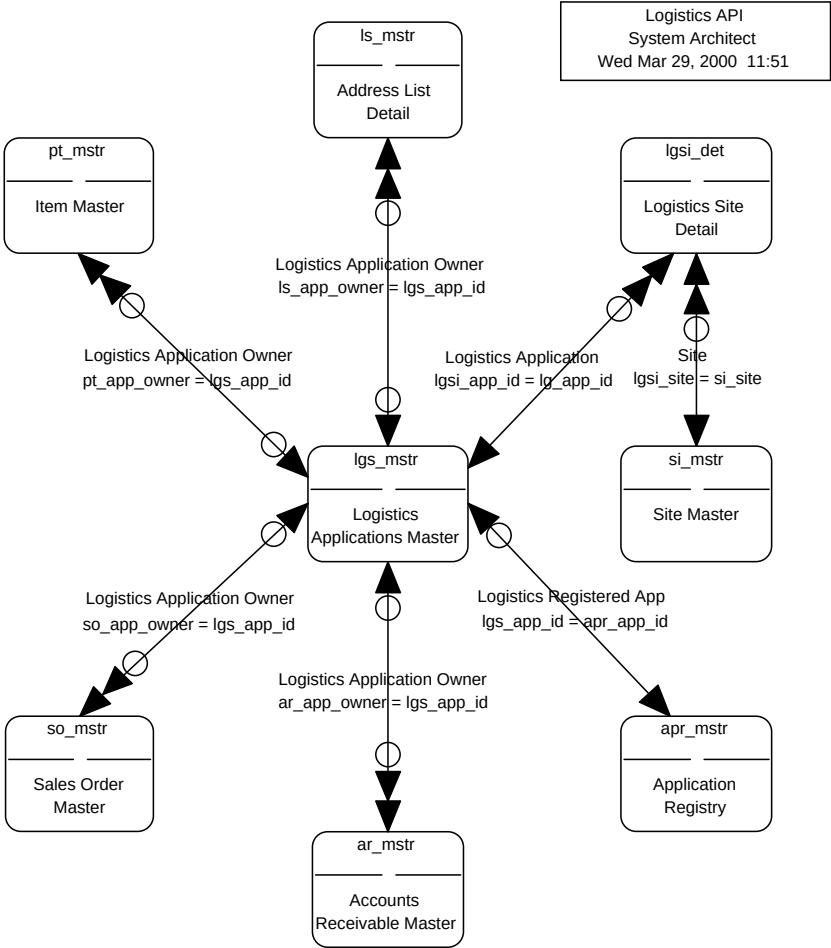


|                                          |                                         |                                              |
|------------------------------------------|-----------------------------------------|----------------------------------------------|
| Zero or One ◀⊖▶ One and Only One ⊞       | 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        |

Kanban Sizing

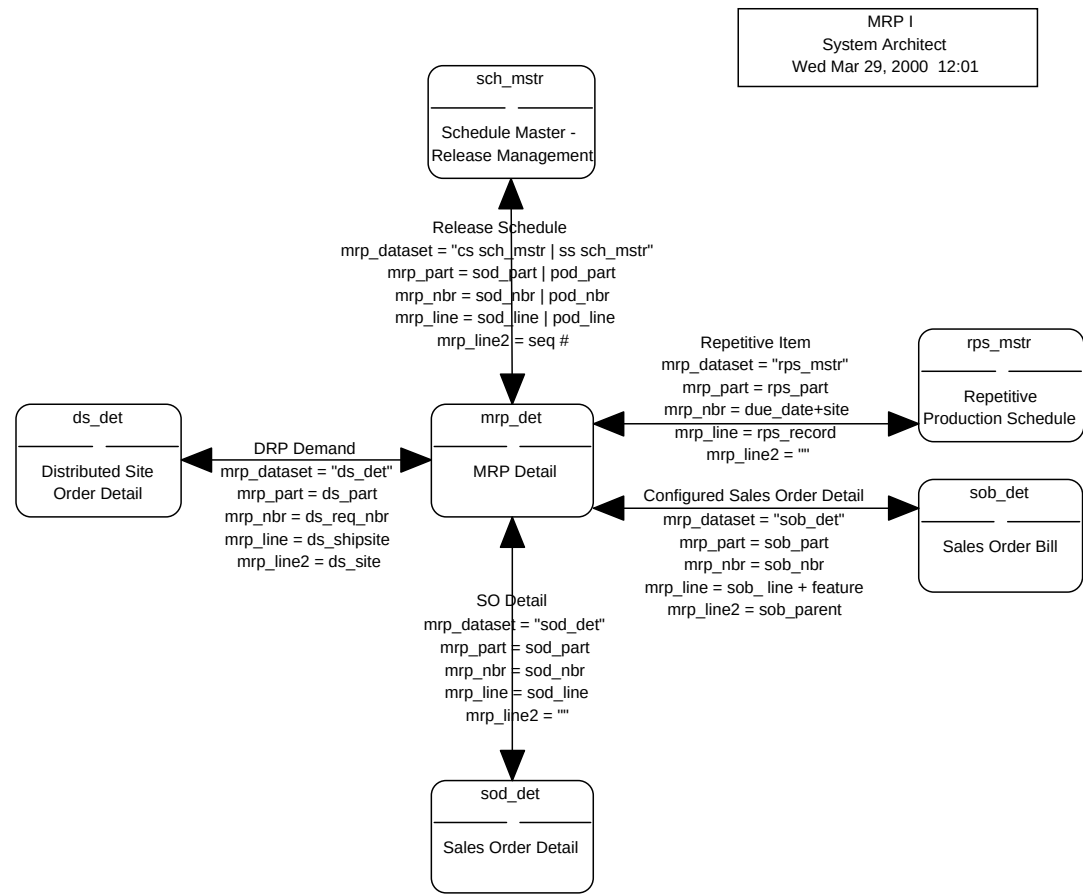


# Logistics API

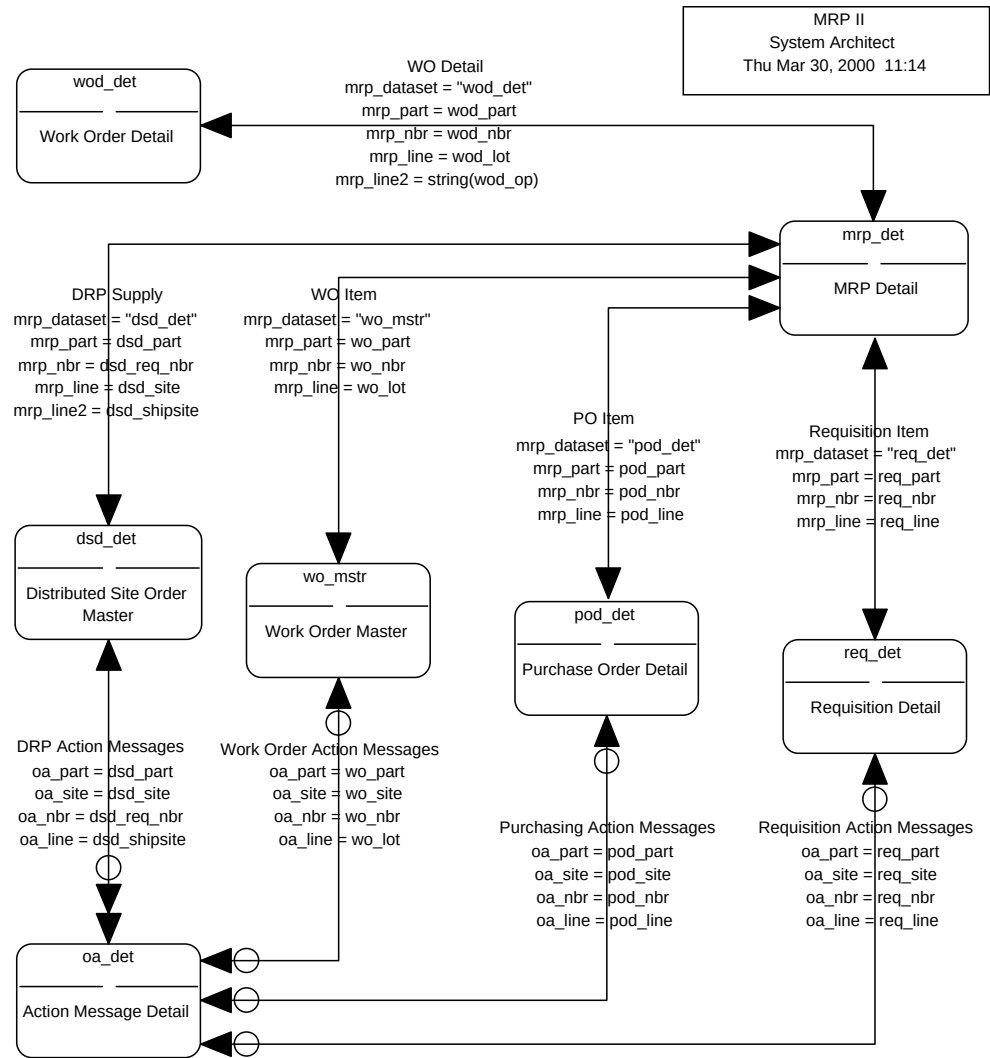


|             |                        |                  |                  |                  |                        |
|-------------|------------------------|------------------|------------------|------------------|------------------------|
| Zero or One | One and Only One       | Zero or One  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

MRP I

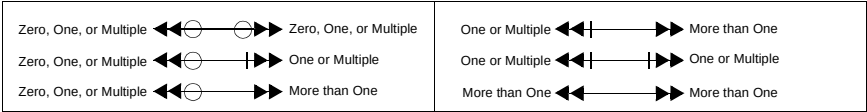
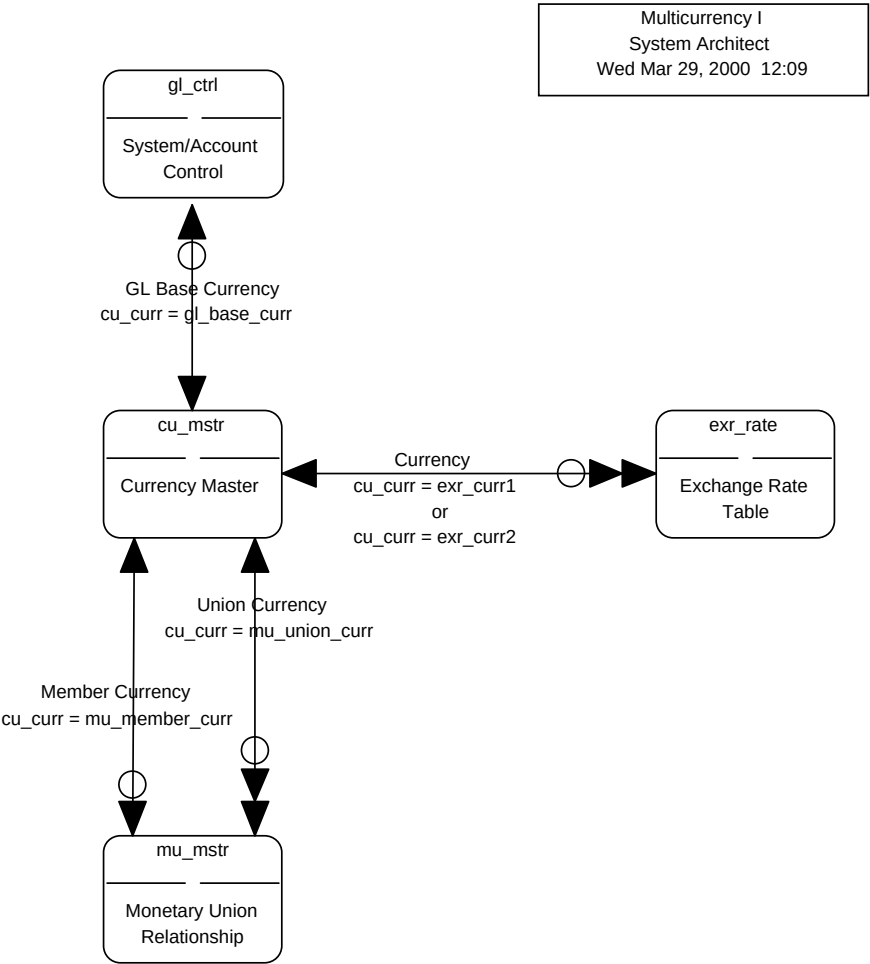


MRP II

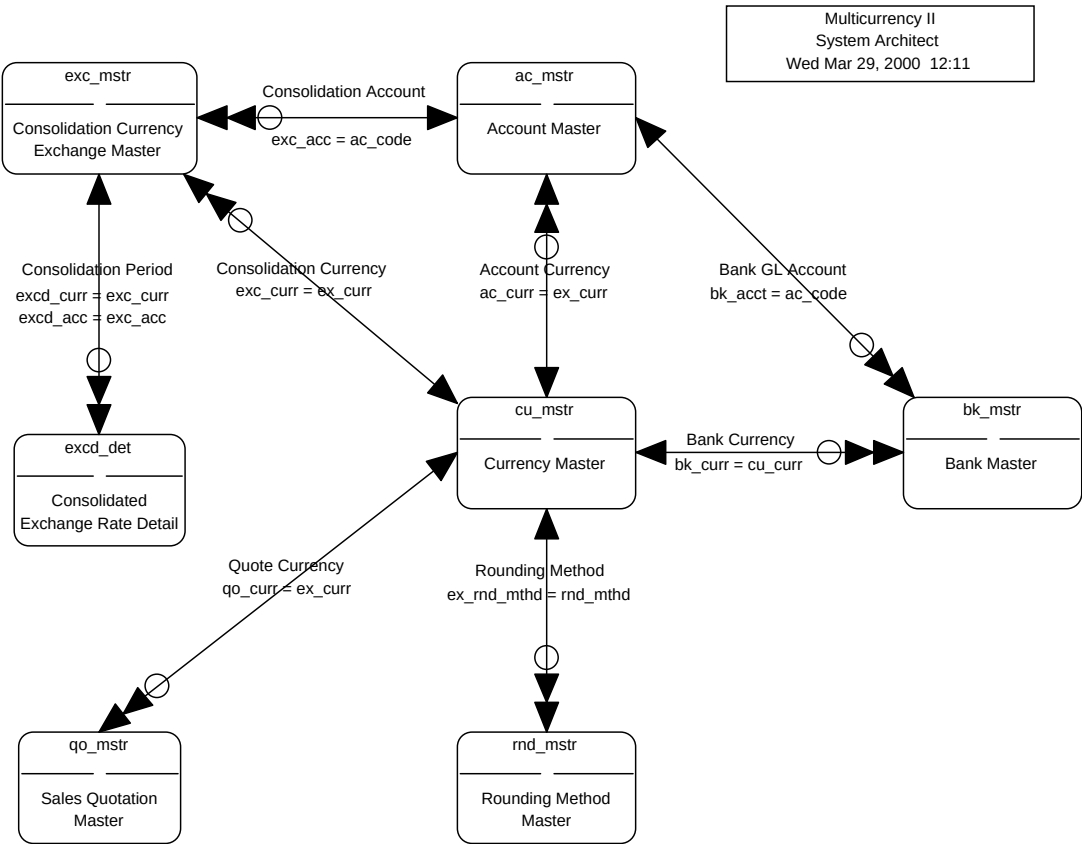


|             |                        |                  |                  |                  |                        |
|-------------|------------------------|------------------|------------------|------------------|------------------------|
| Zero or One | One and Only One       | Zero or One  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

Multicurrency I

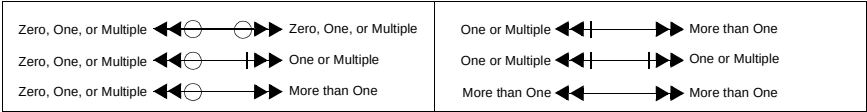
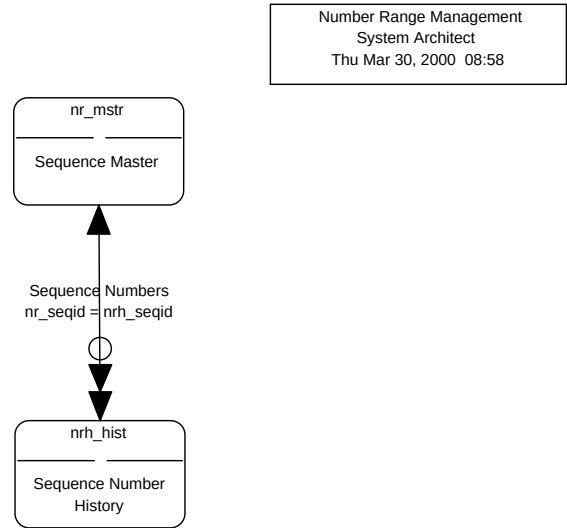


Multicurrency II



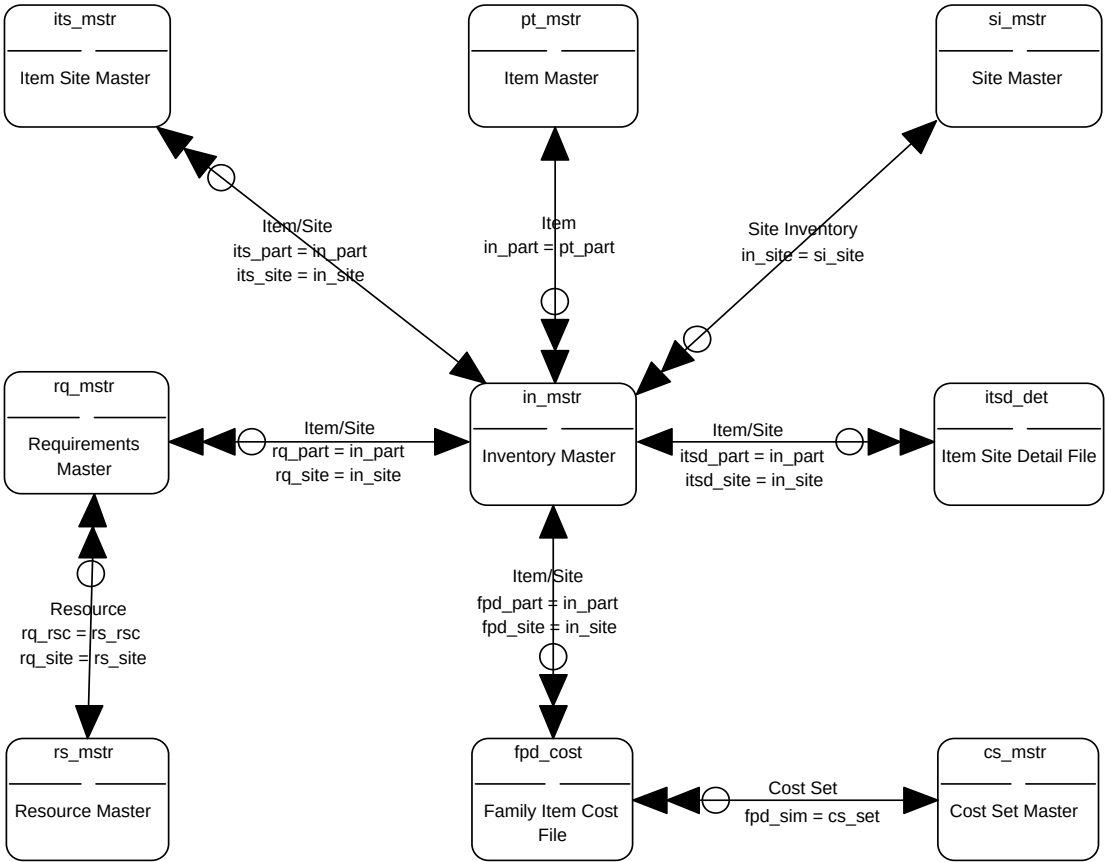
|             |                        |                  |                  |                  |                        |
|-------------|------------------------|------------------|------------------|------------------|------------------------|
| Zero or One | One and Only One       | Zero or One  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

# Number Range Management



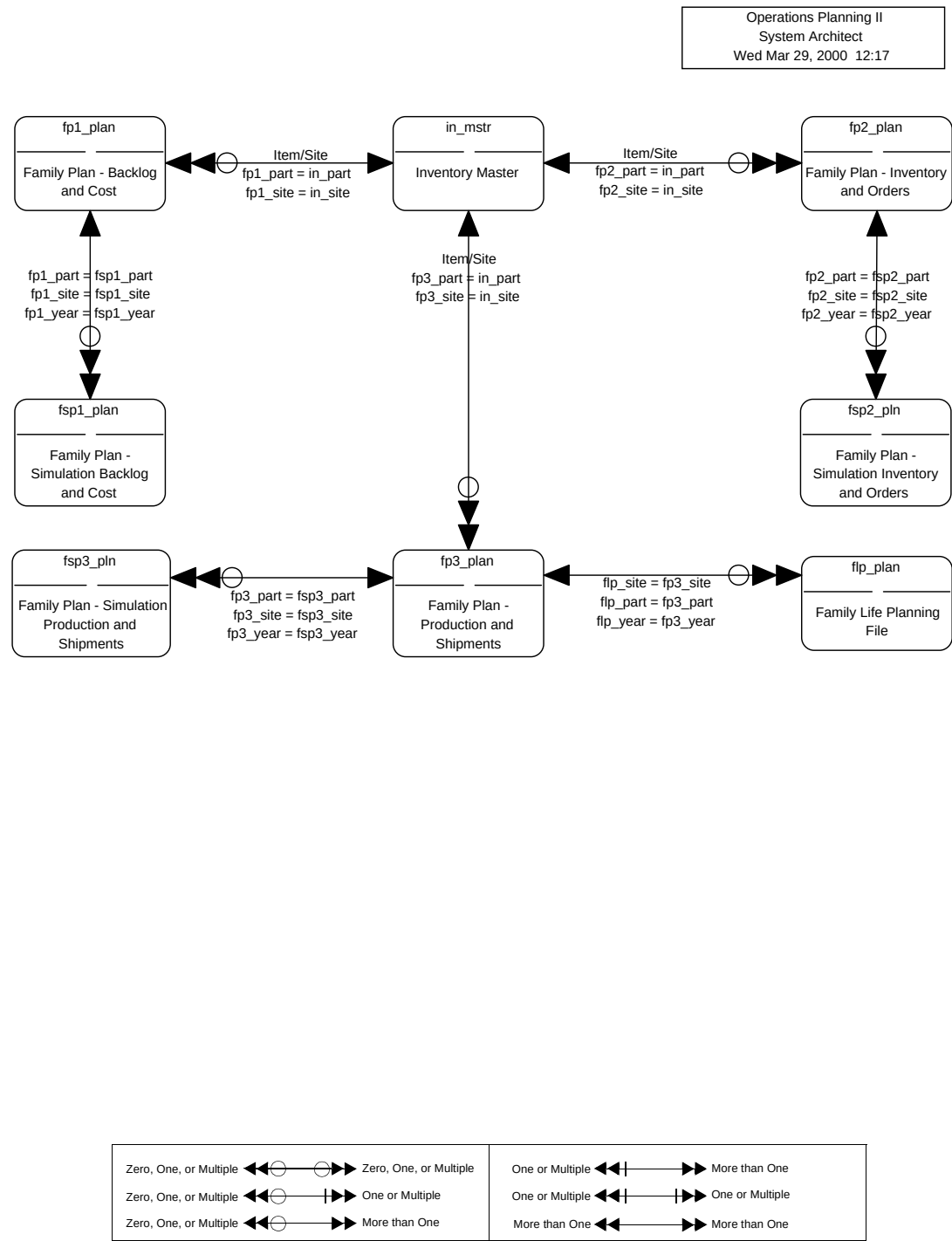
# Operations Planning I

Operations Planning I  
System Architect  
Thu Mar 30, 2000 11:15



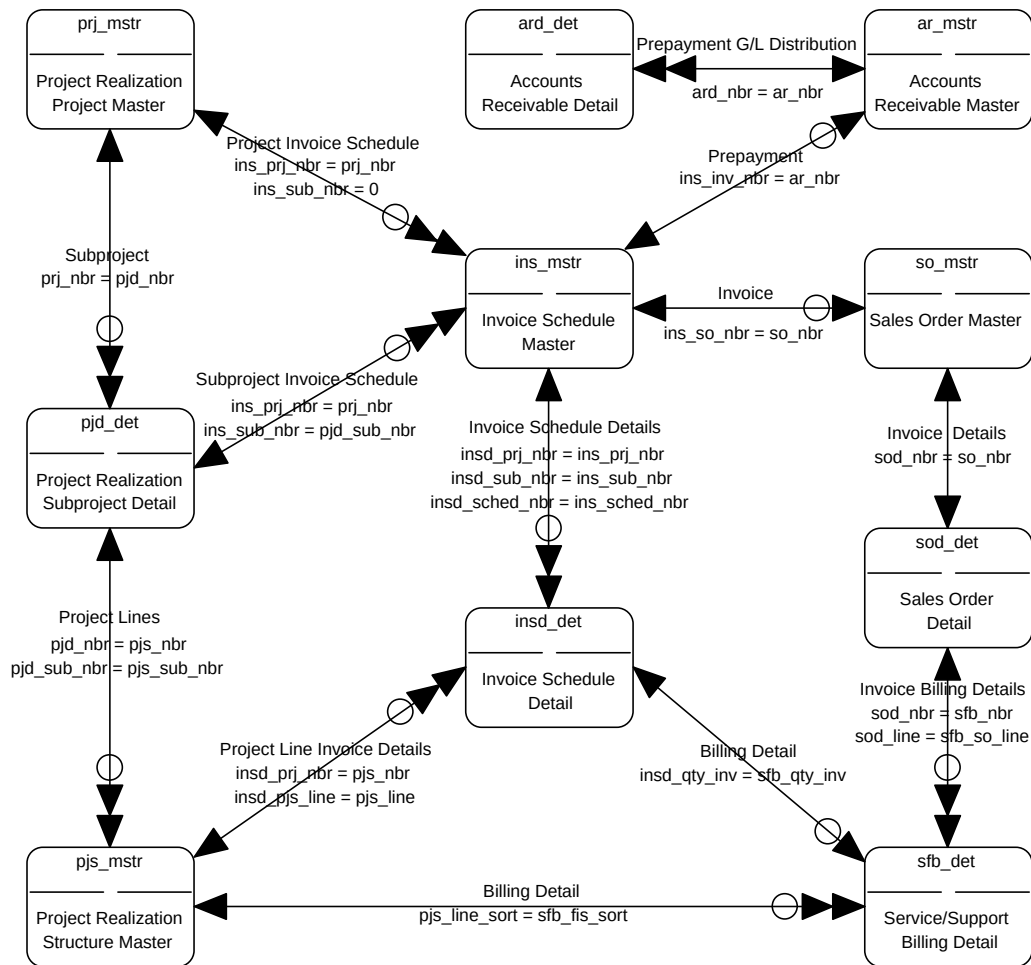
|                                                                                                 |                                                                                                            |                                                                                                      |                                                                                                      |                                                                                                        |                                                                                                              |
|-------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| 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 II



## PRM – Invoicing

PRM - Invoicing  
System Architect  
Mon Jul 10, 2000 13:21



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

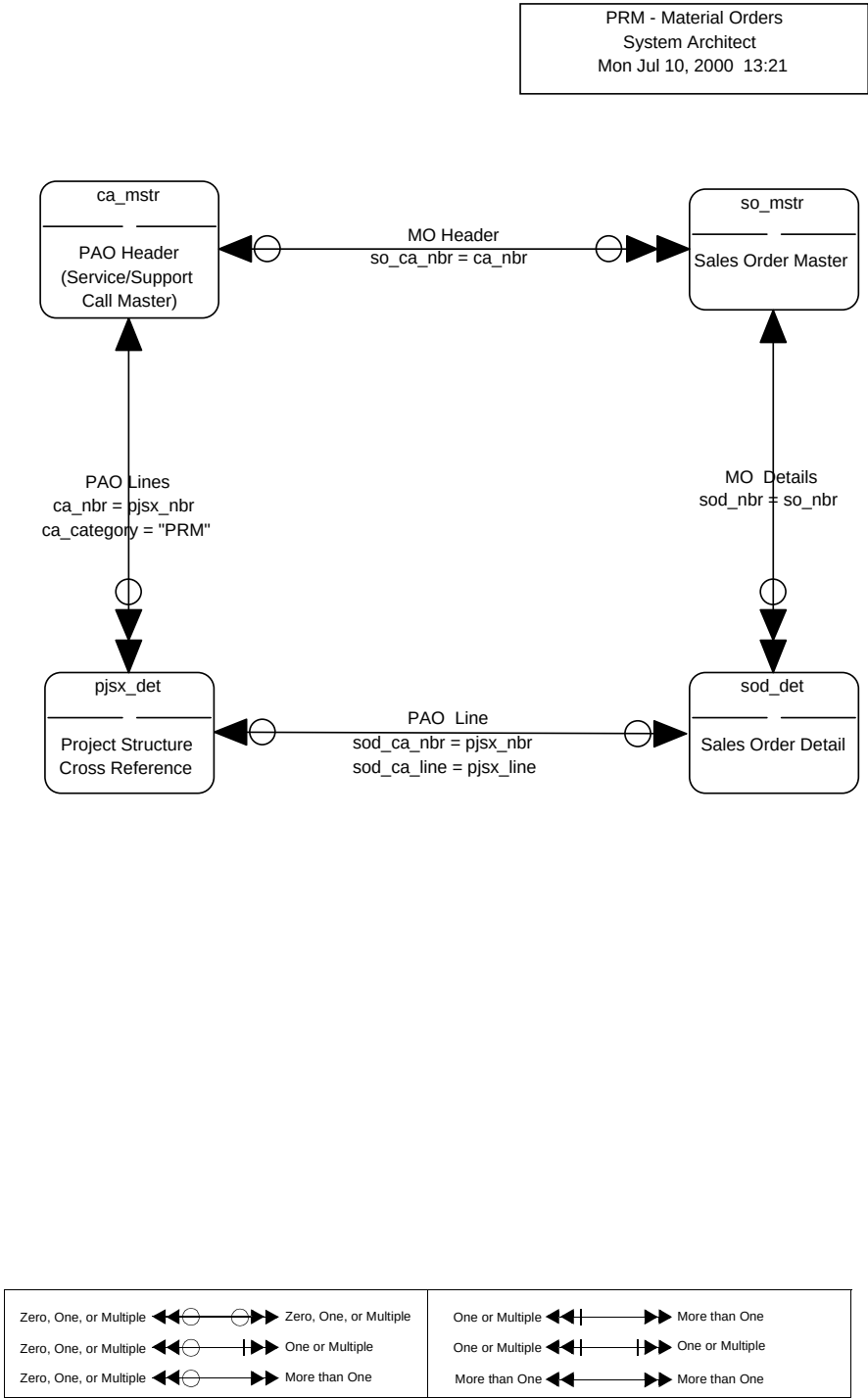
One and Only One ◀───▶▶▶ One and Only One

One and Only One ◀───○▶▶ Zero, One, or Multiple

One and Only One ◀───||▶▶ One or Multiple

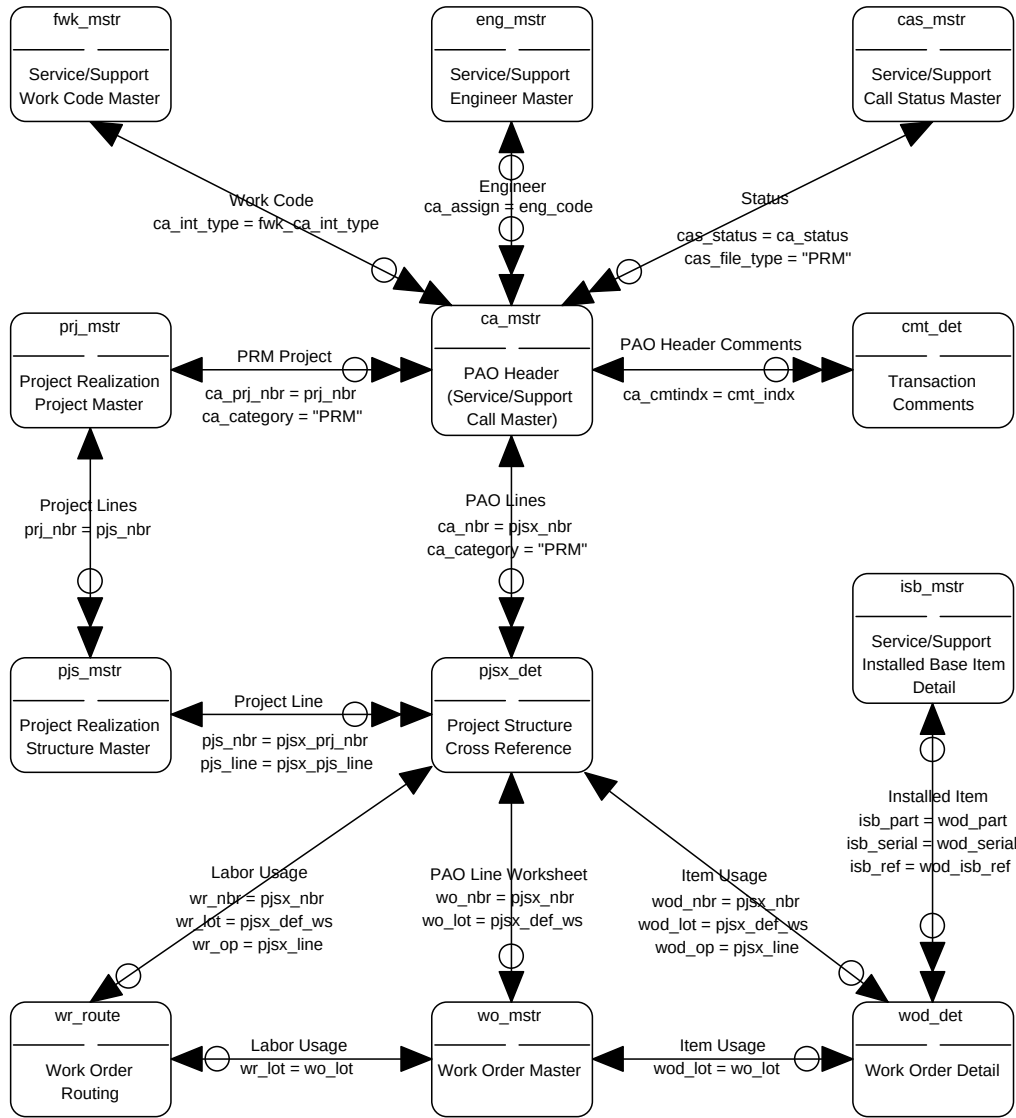
One and Only One ◀───▶▶▶ More than One

PRM – Material Orders



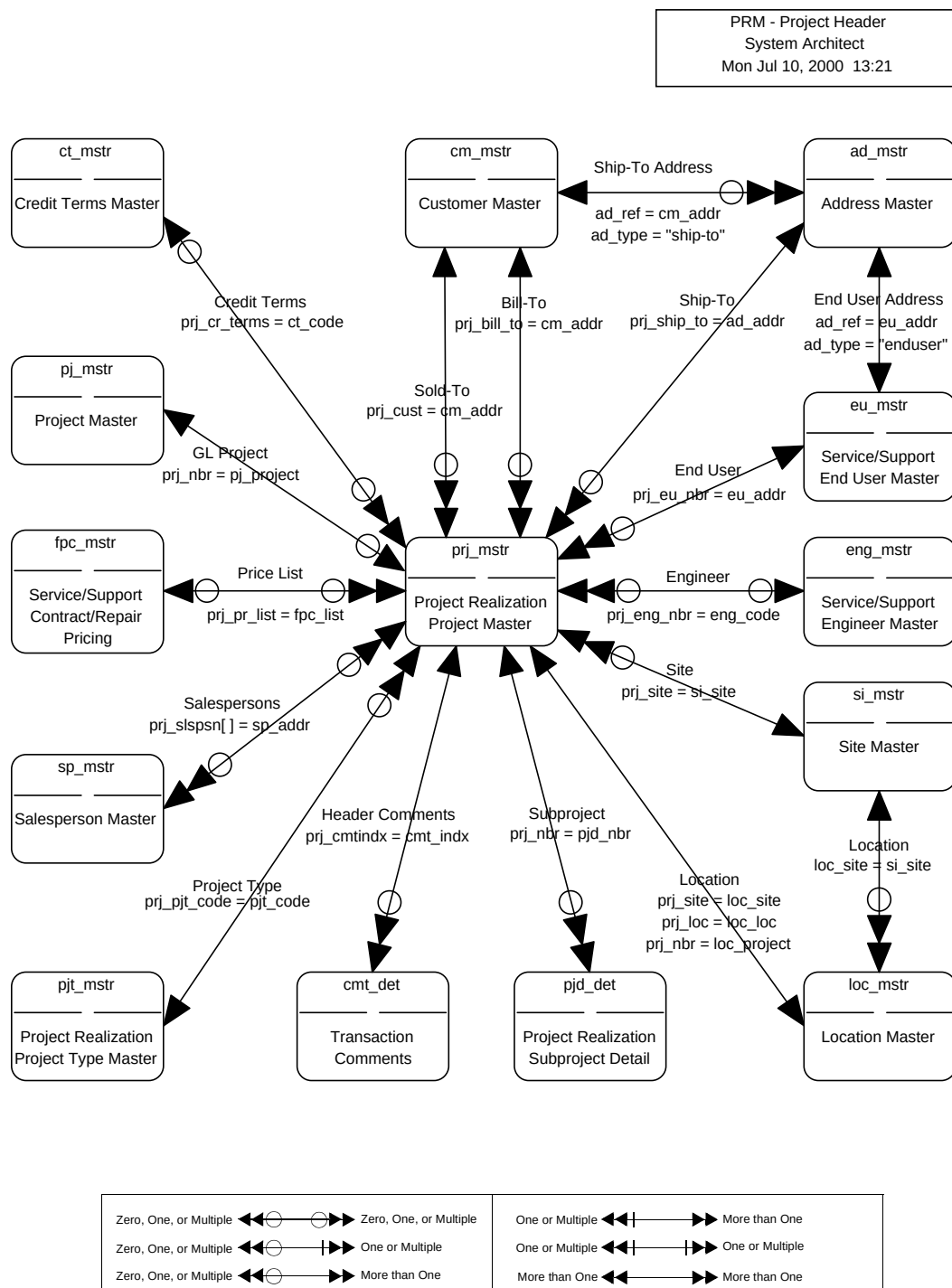
# PRM – Project Activity Orders

PRM - Project Activity Orders  
System Architect  
Fri Jul 07, 2000 13:29

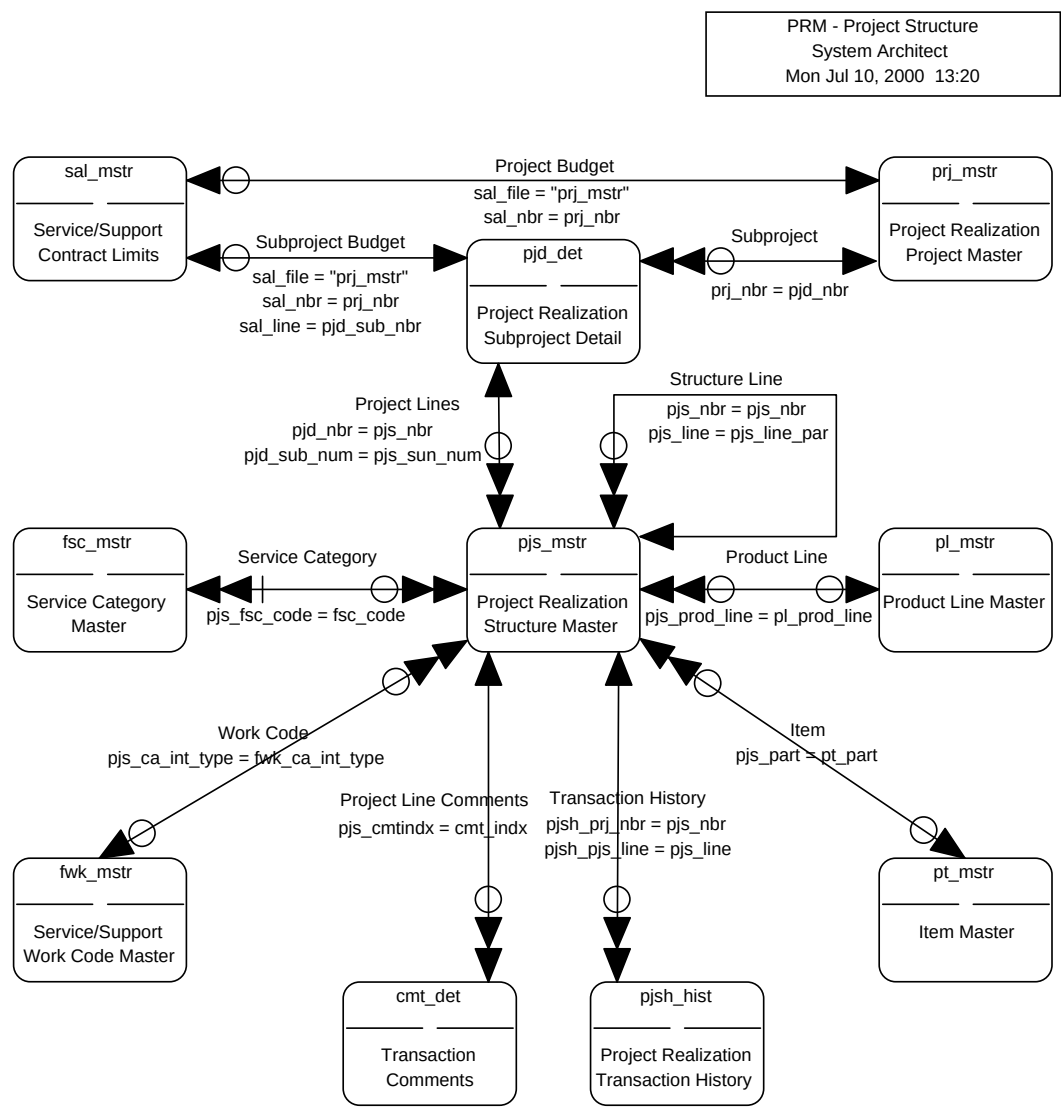


|             |                        |                  |                  |                  |                        |
|-------------|------------------------|------------------|------------------|------------------|------------------------|
| Zero or One | One and Only One       | Zero or One  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

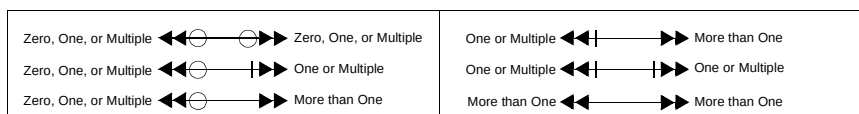
## PRM – Project Header



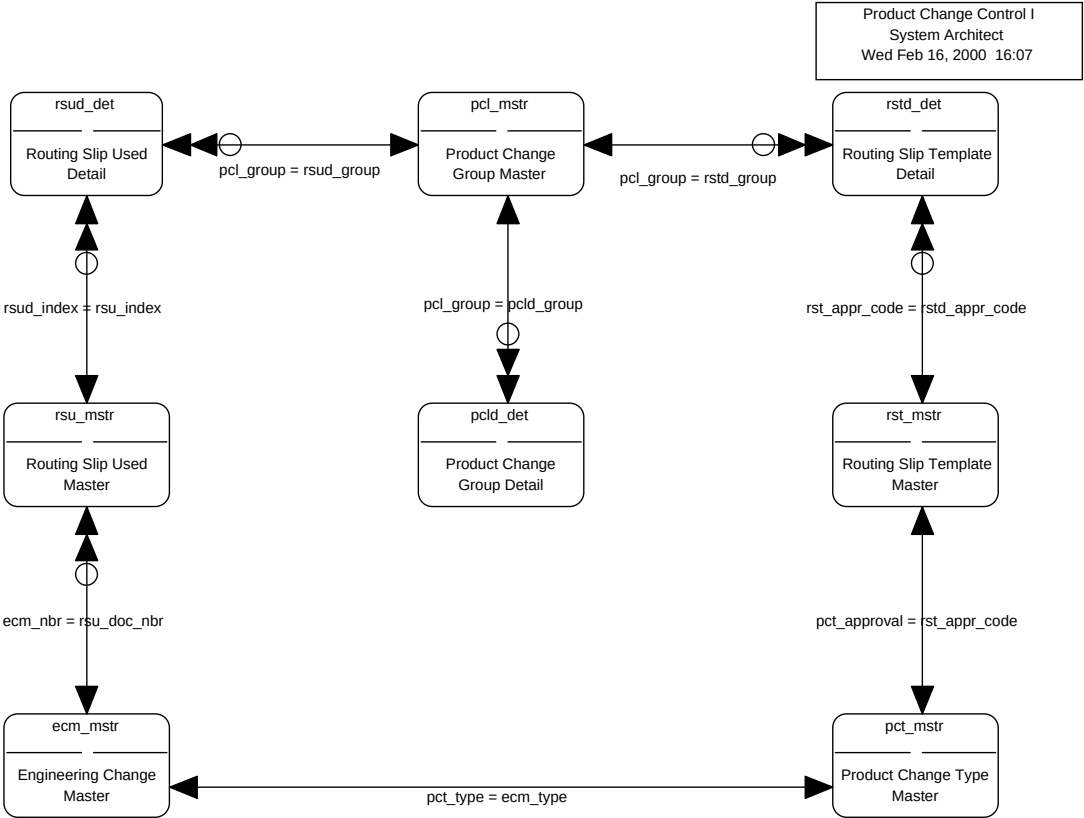
PRM – Project Structure



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



# Product Change Control I

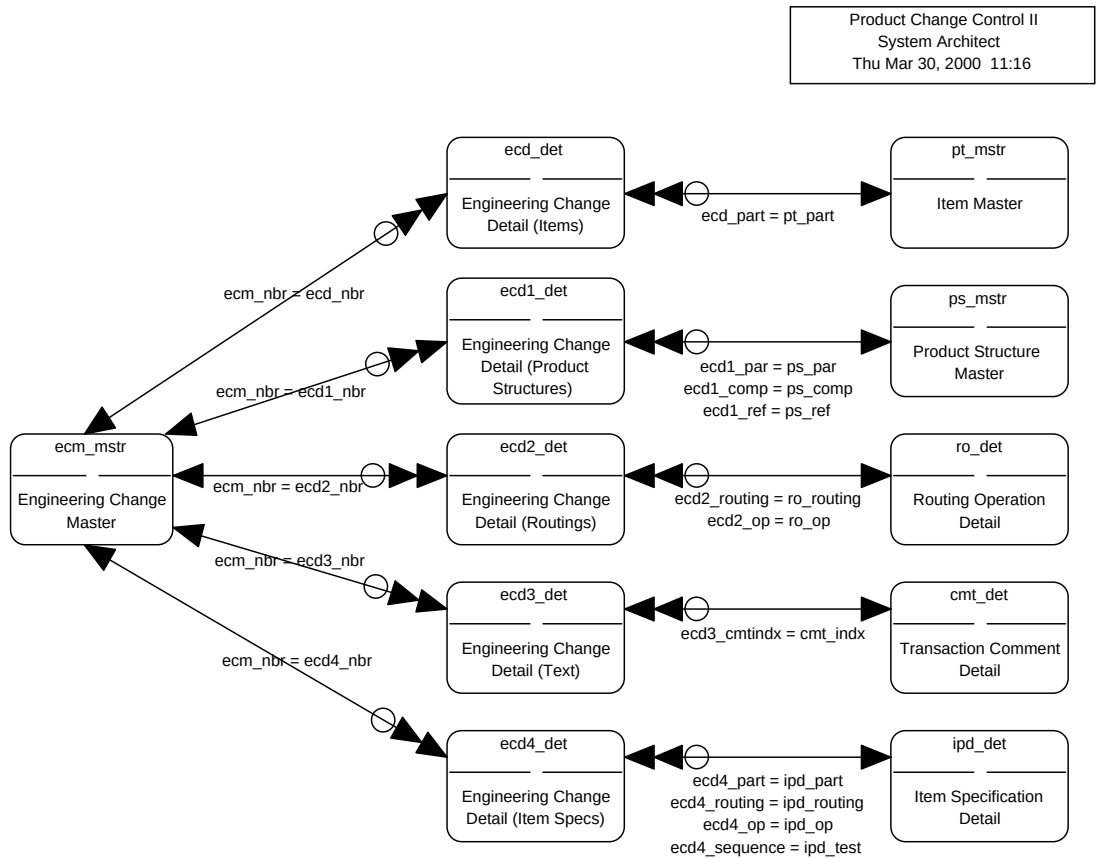


|             |                        |
|-------------|------------------------|
| Zero or One | One and Only One       |
| Zero or One | Zero or One            |
| Zero or One | Zero, One, or Multiple |

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

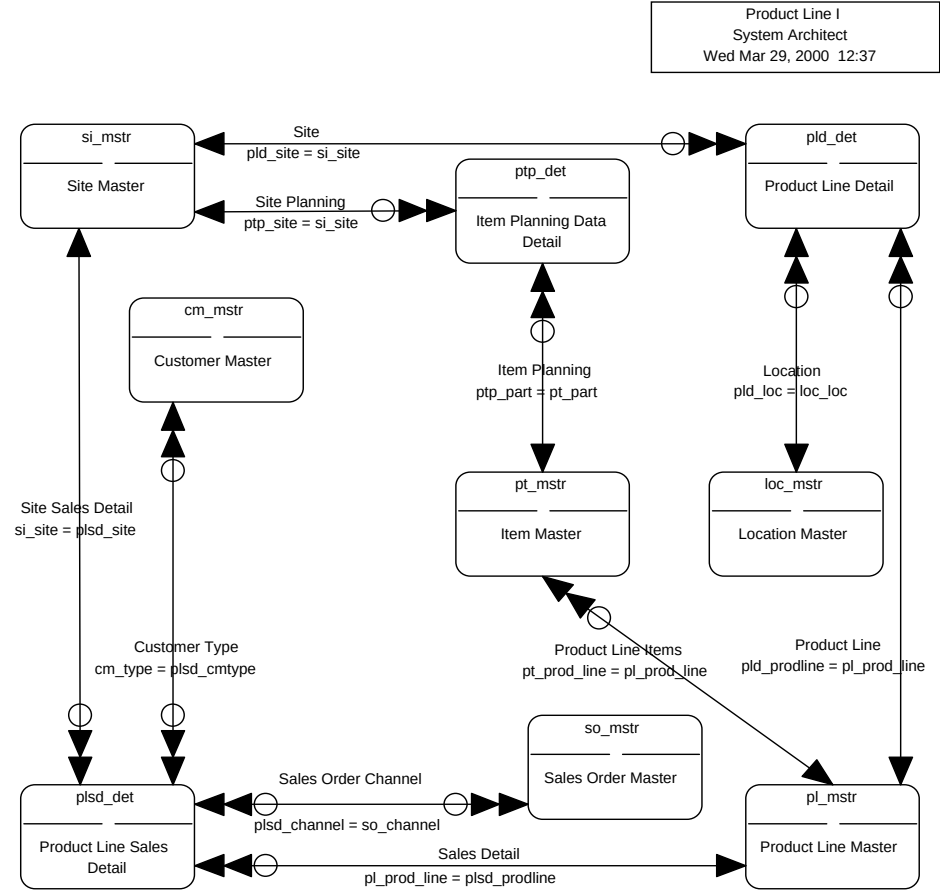
|                  |                        |
|------------------|------------------------|
| One and Only One | Zero, One, or Multiple |
| One and Only One | One or Multiple        |
| One and Only One | More than One          |

Product Change Control II



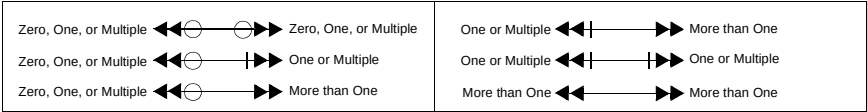
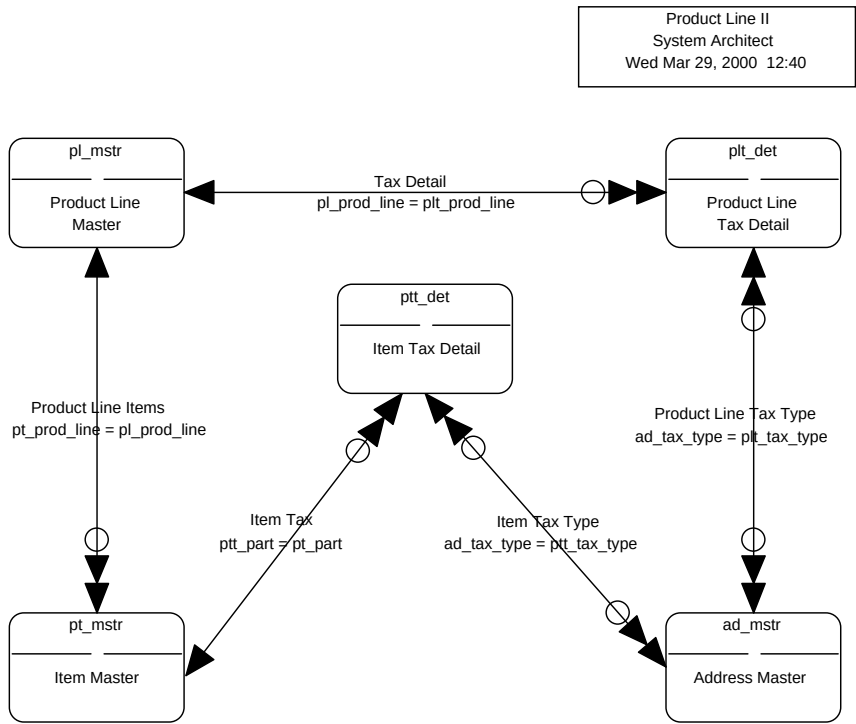
|                        |                 |                        |                 |
|------------------------|-----------------|------------------------|-----------------|
| Zero, One, or Multiple | One or Multiple | Zero, One, or Multiple | One or Multiple |
| Zero, One, or Multiple | One or Multiple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

Product Line I

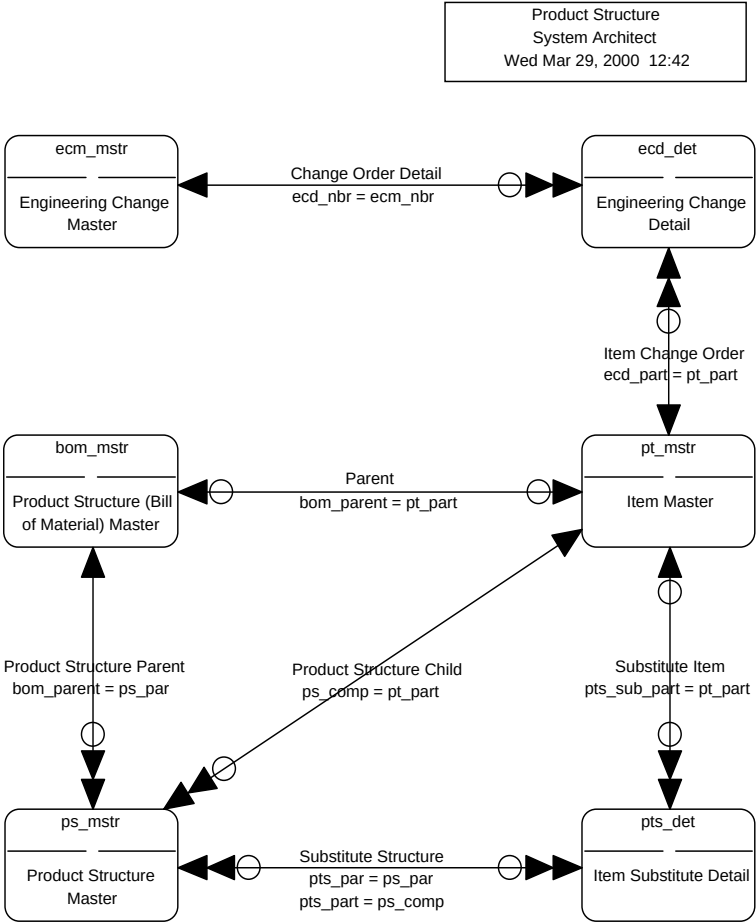


|                                                                                                 |                                                                                                            |                                                                                            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

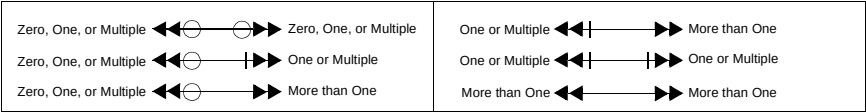
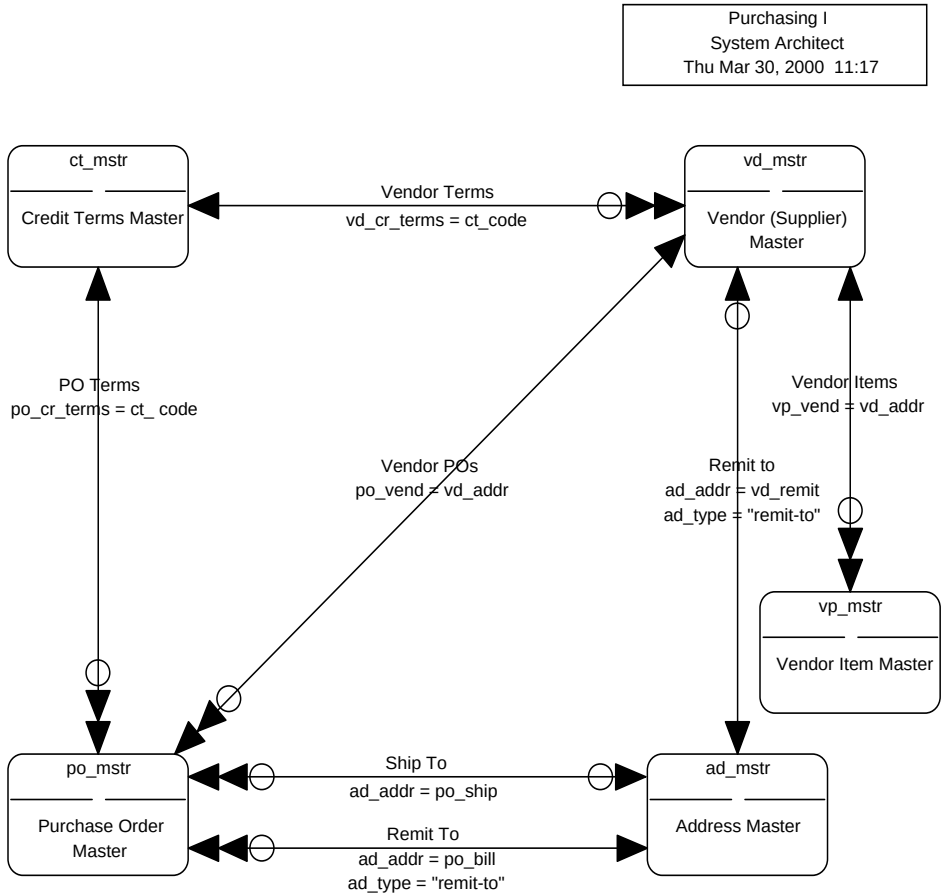
Product Line II



Product Structure

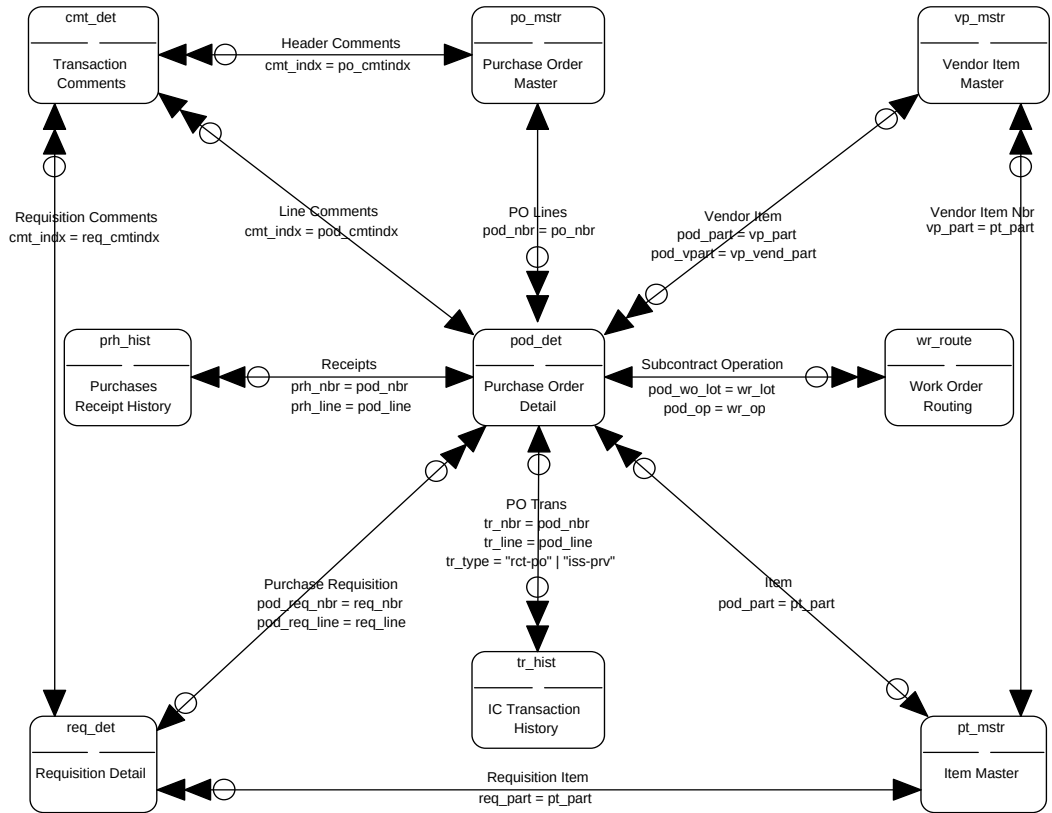


Purchasing I



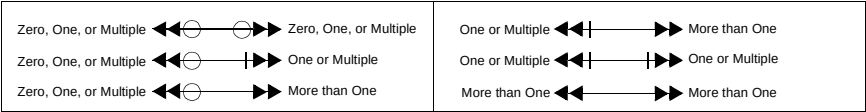
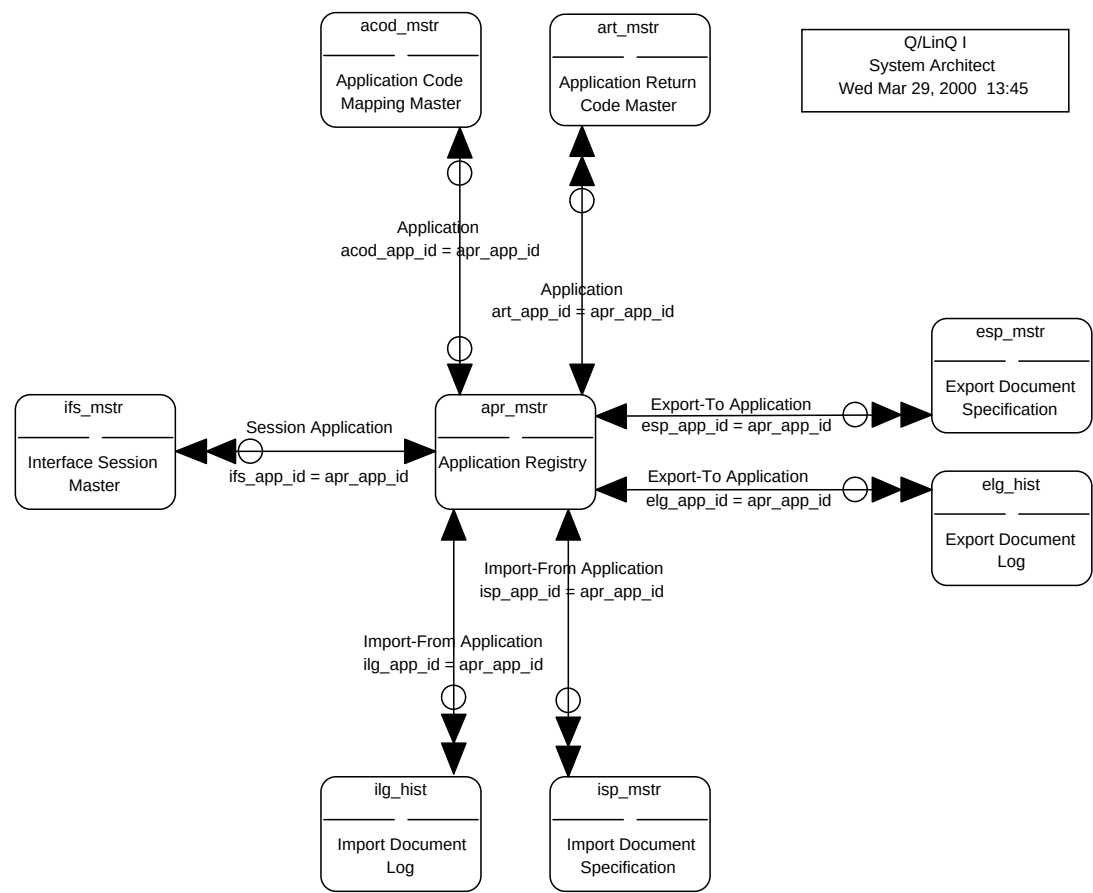
Purchasing II

Purchasing II  
System Architect  
Wed Mar 29, 2000 12:57

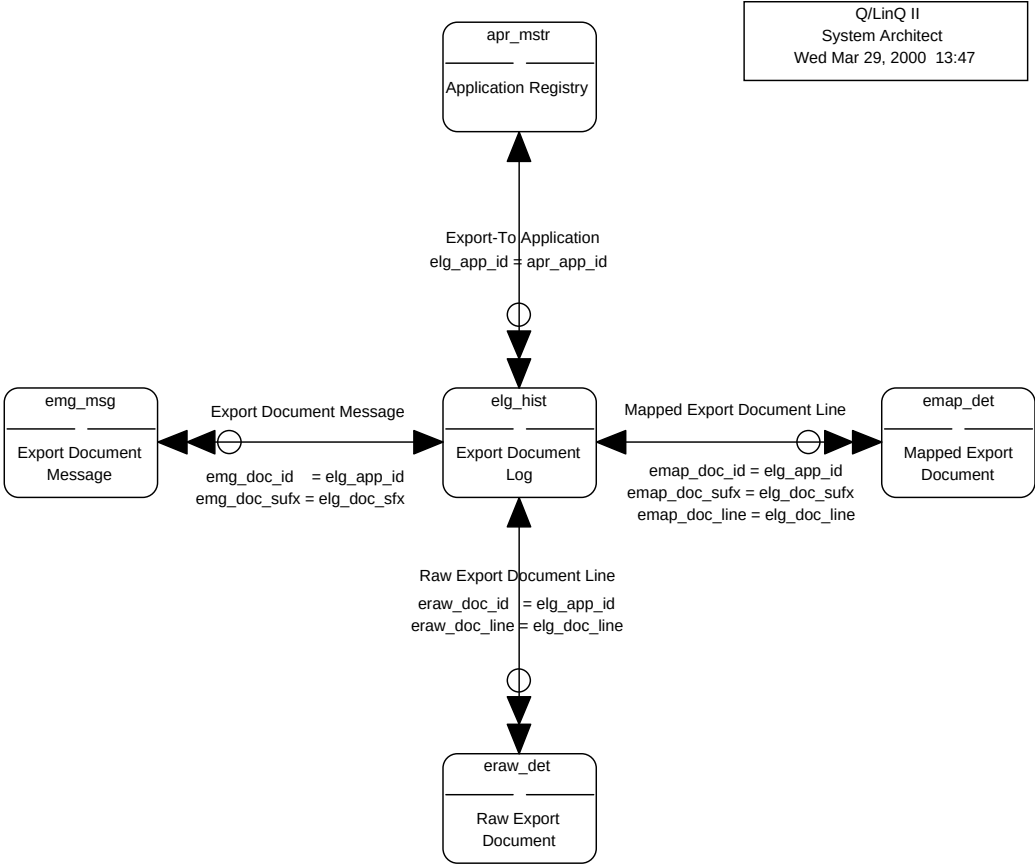


|                                                                                                 |                                                                                                            |                                                                                            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

Q/LinQ I

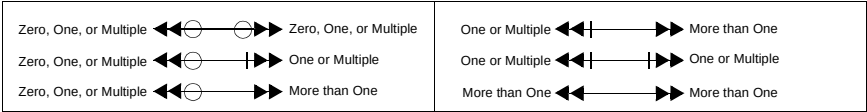
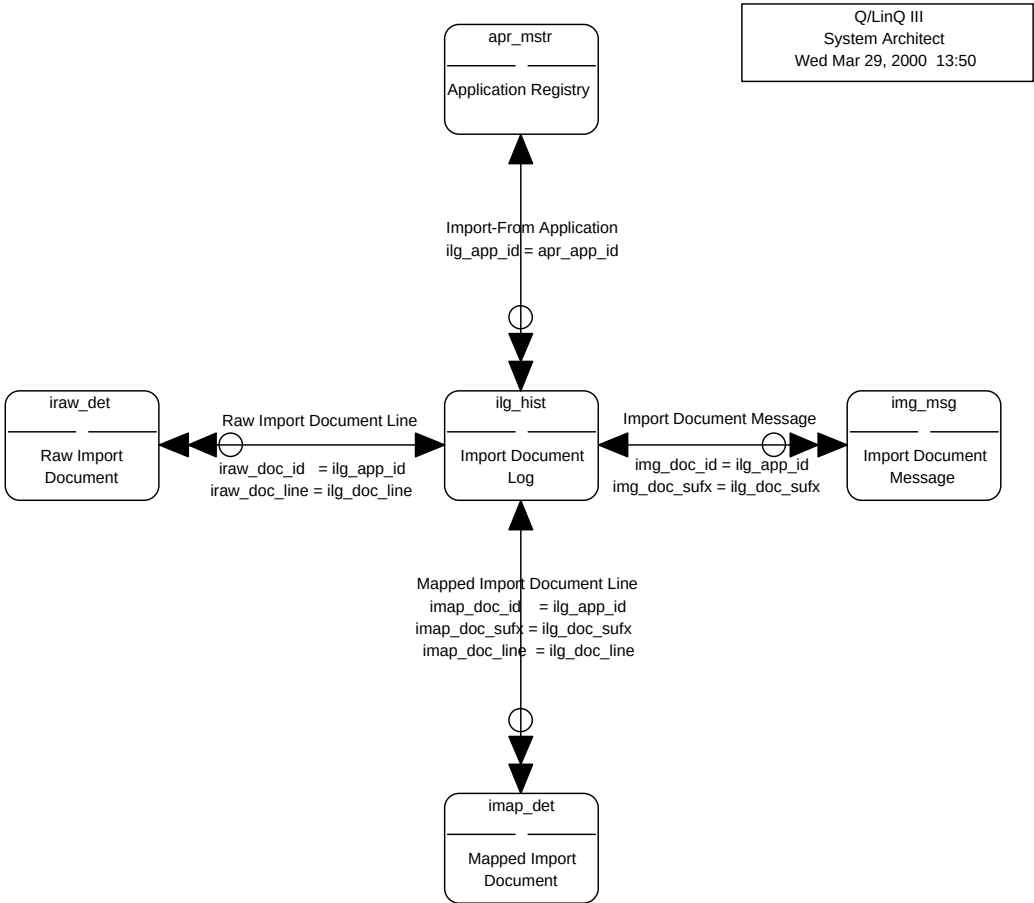


Q/LinQ II

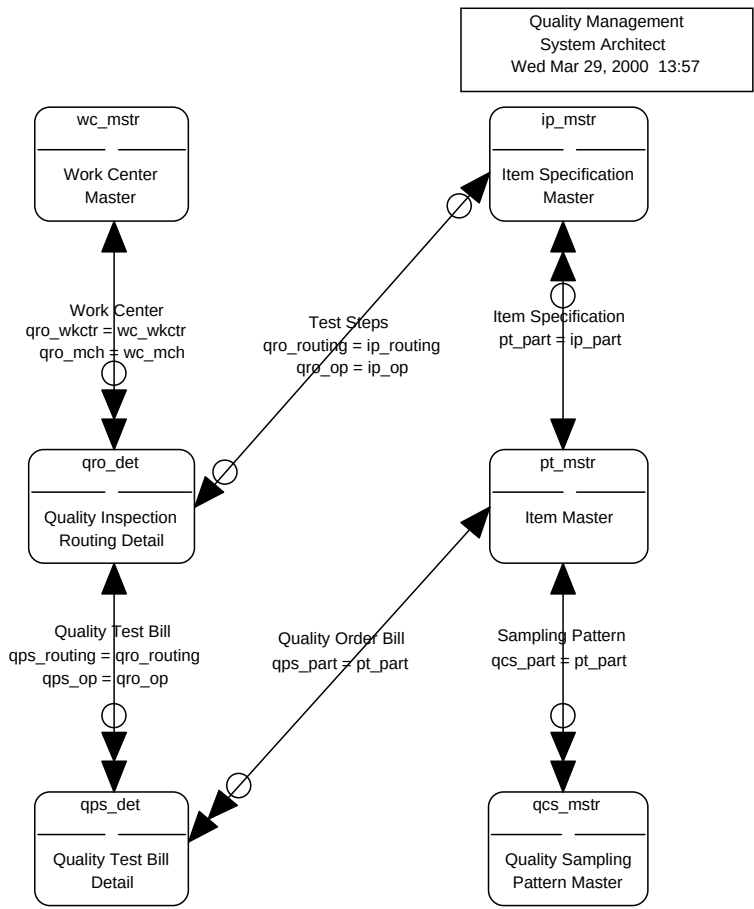


|             |                        |                  |                  |                  |                        |
|-------------|------------------------|------------------|------------------|------------------|------------------------|
| Zero or One | One and Only One       | Zero or One  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

Q/LinQ III



# Quality Management

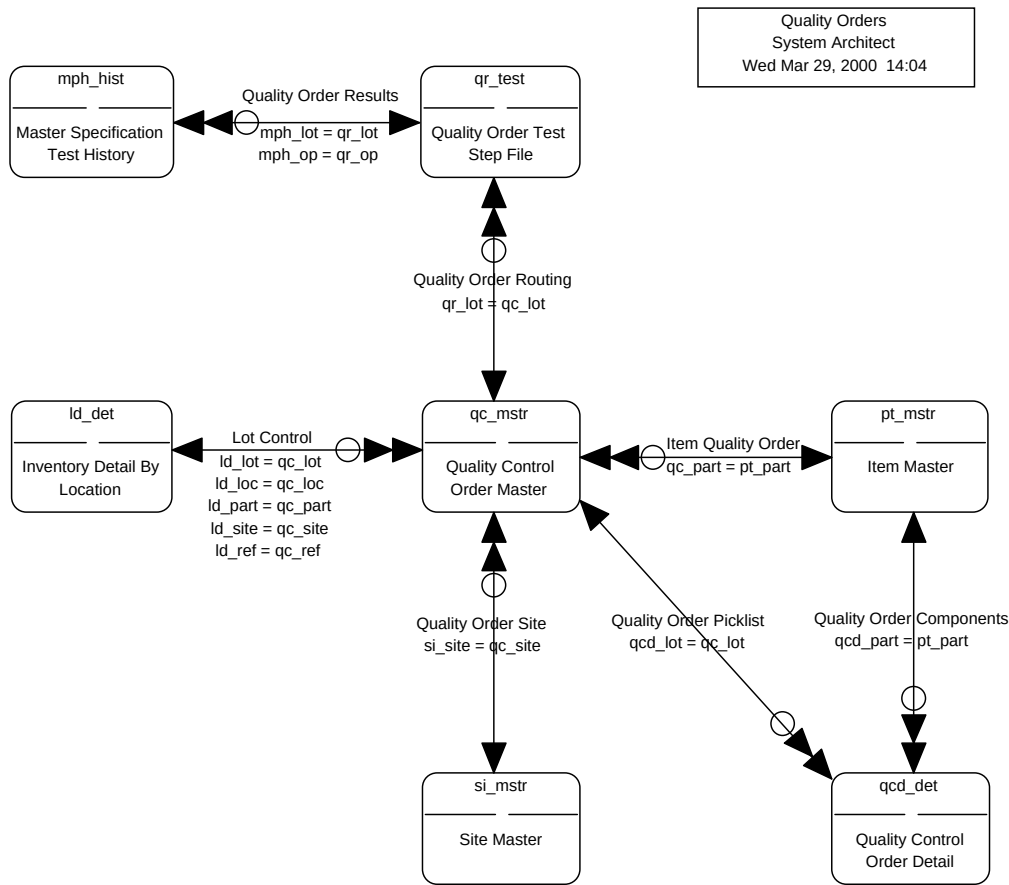


|             |                        |
|-------------|------------------------|
| Zero or One | One and Only One       |
| Zero or One | Zero or One            |
| Zero or One | Zero, One, or Multiple |

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

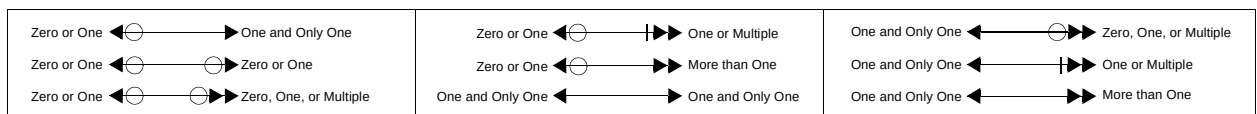
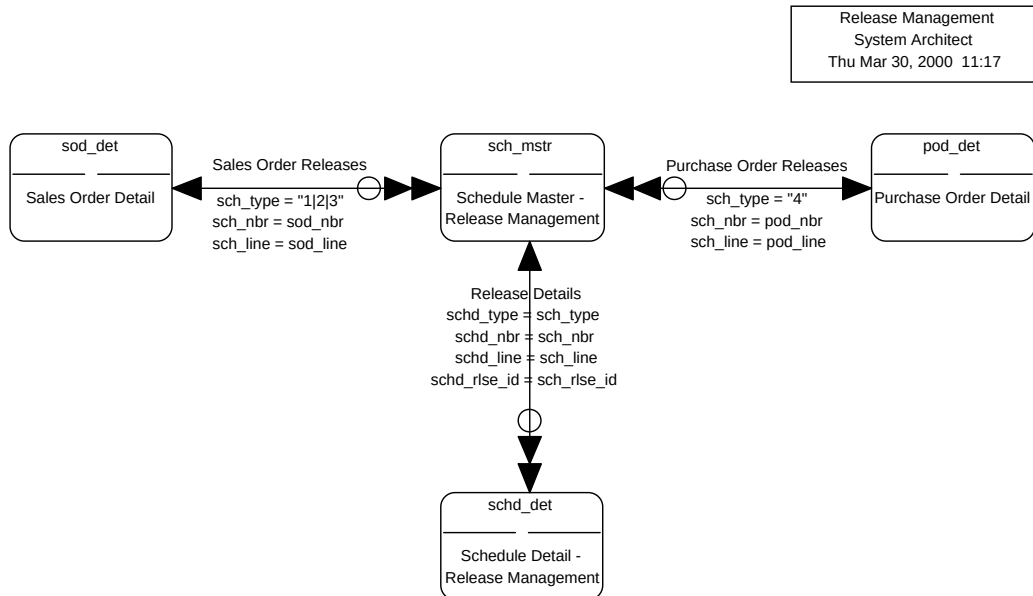
|                  |                        |
|------------------|------------------------|
| One and Only One | Zero, One, or Multiple |
| One and Only One | One or Multiple        |
| One and Only One | More than One          |

Quality Orders

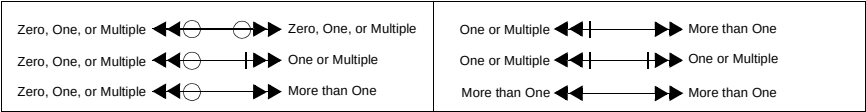
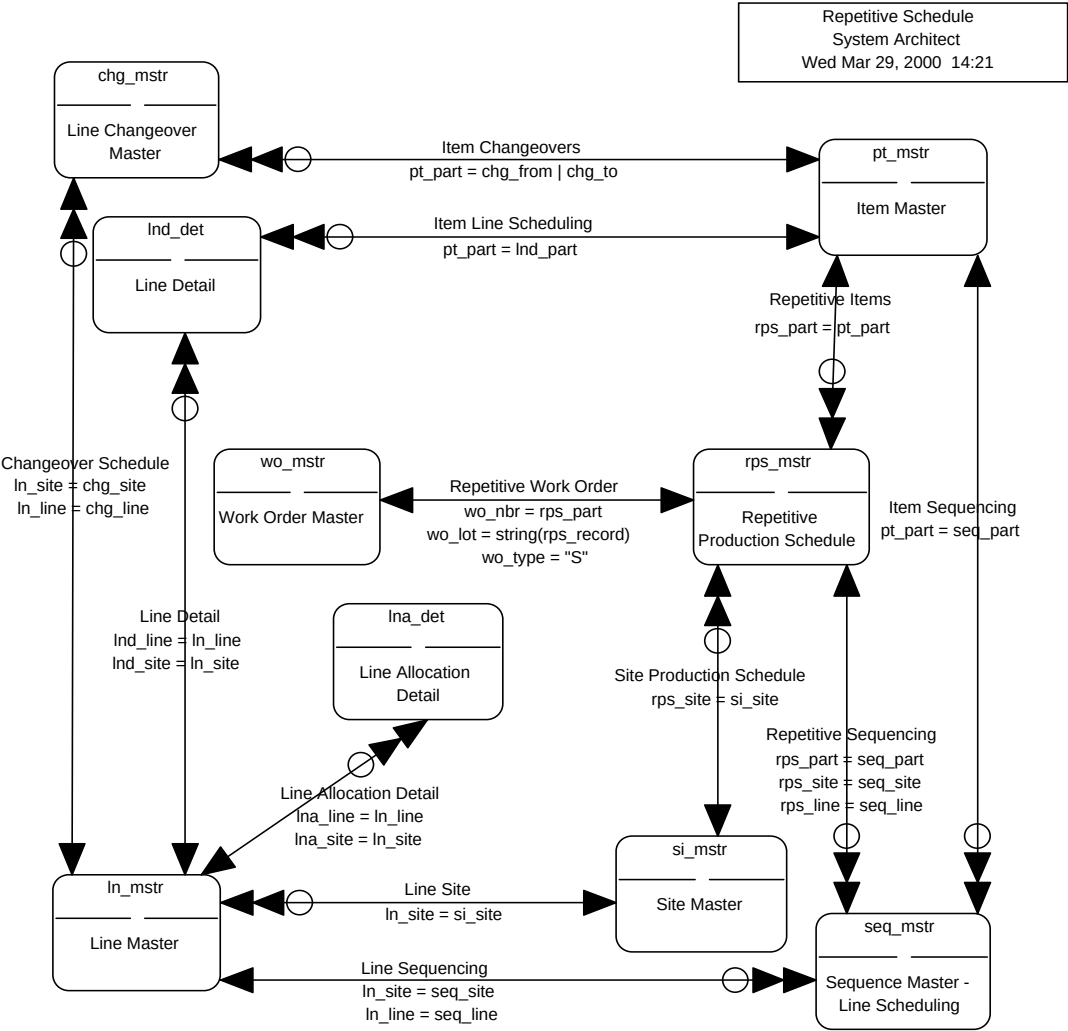


|                        |  |                        |                 |  |                 |
|------------------------|--|------------------------|-----------------|--|-----------------|
| Zero, One, or Multiple |  | Zero, One, or Multiple | One or Multiple |  | More than One   |
| Zero, One, or Multiple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

## Release Management

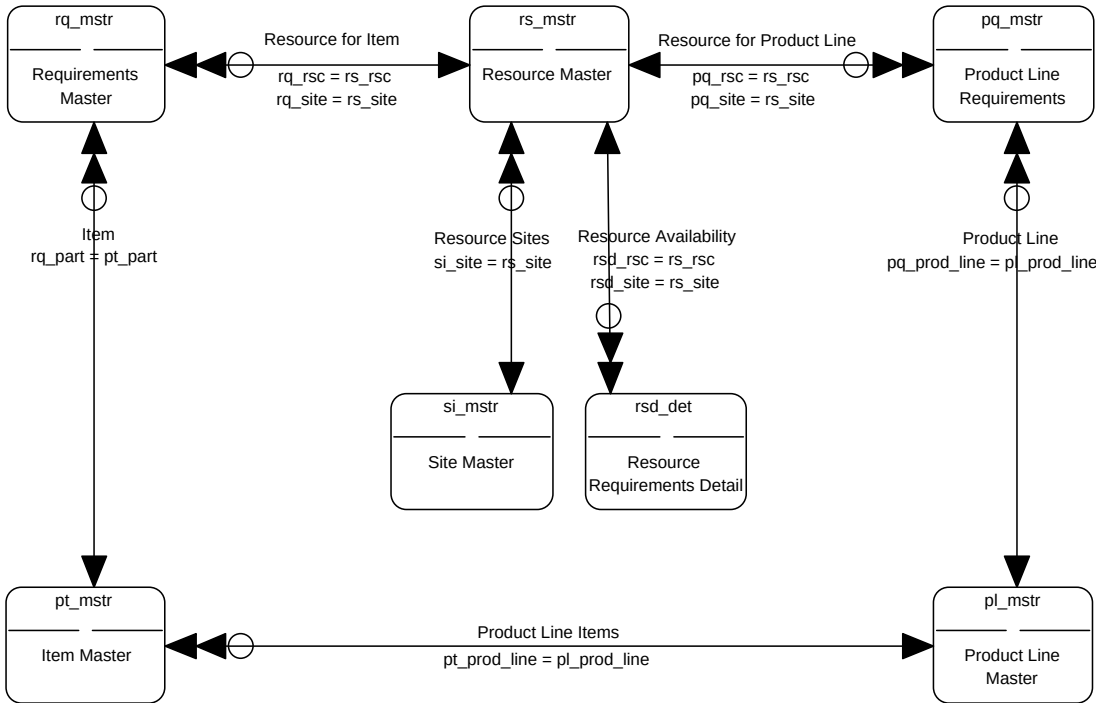


# Repetitive Schedule



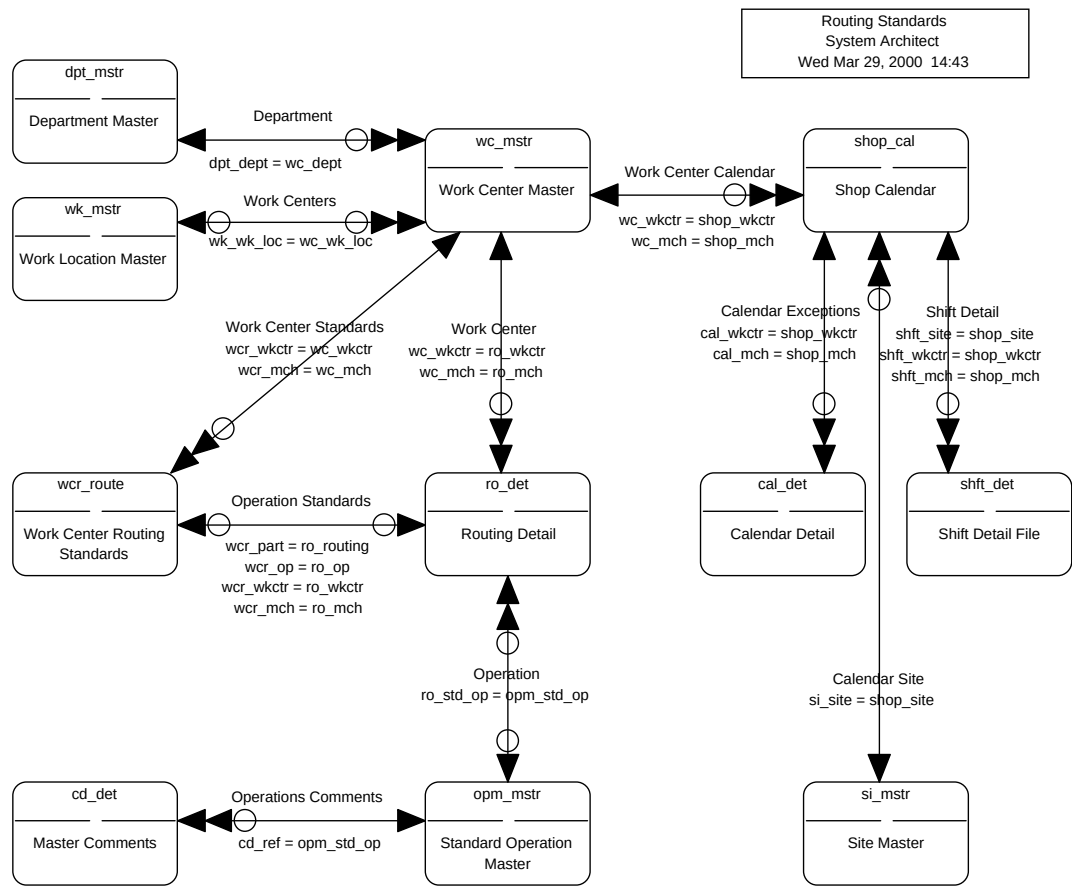
Resource Plan

Resource Plan  
System Architect  
Wed Mar 29, 2000 14:24



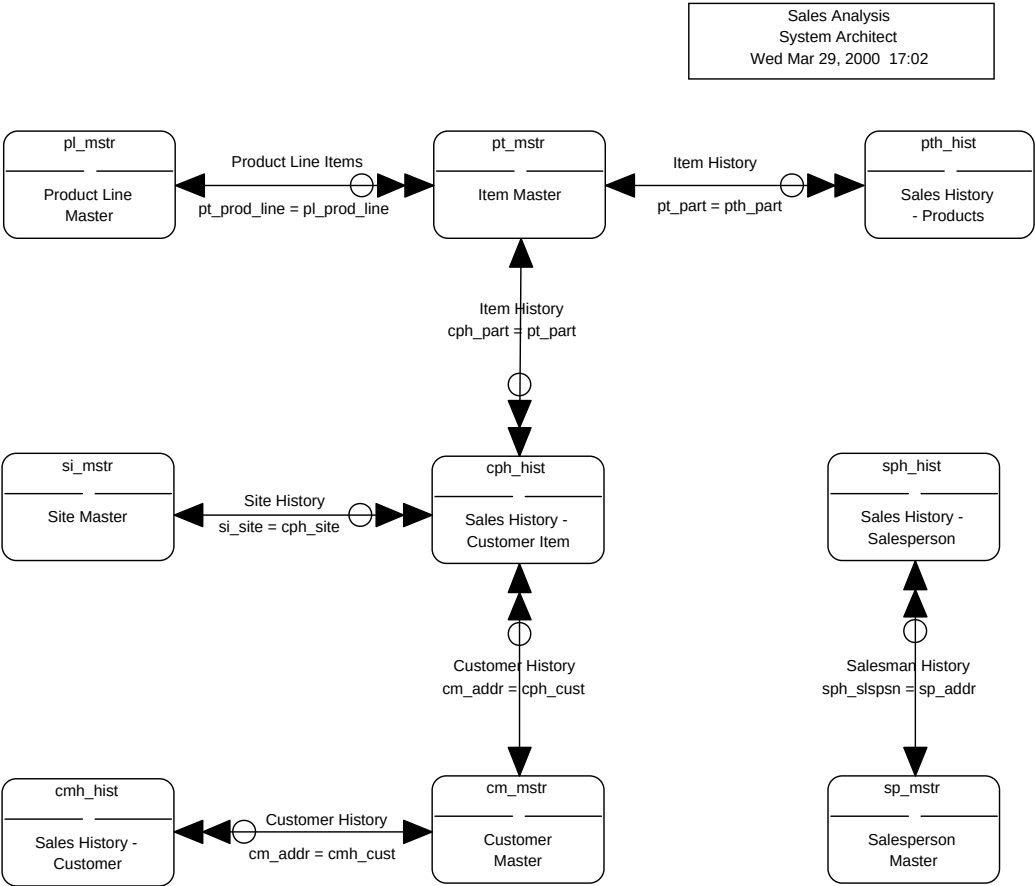
|             |                        |                  |                  |                  |                        |
|-------------|------------------------|------------------|------------------|------------------|------------------------|
| Zero or One | One and Only One       | Zero or One  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

Routing Standards



|                        |                        |                 |                 |
|------------------------|------------------------|-----------------|-----------------|
| 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 Analysis

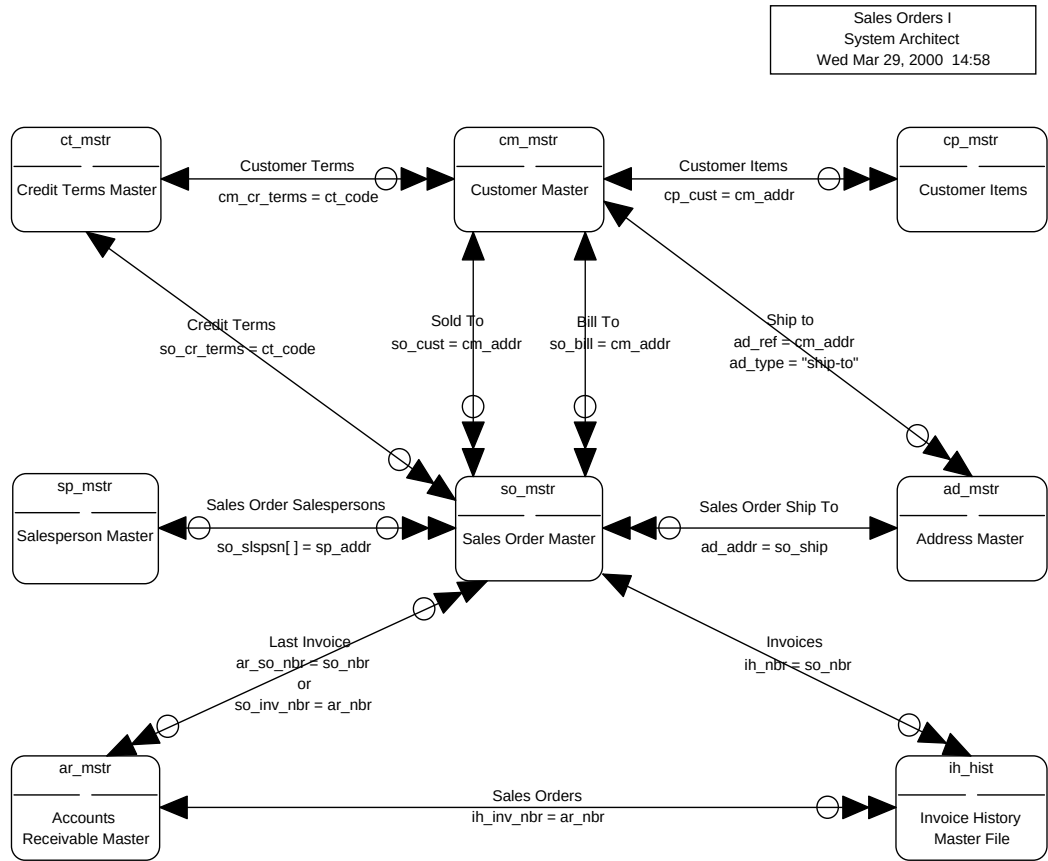


Zero or One  $\leftarrow \bigcirc \rightarrow$  One and Only One  
Zero or One  $\leftarrow \bigcirc \rightarrow$  Zero or One  
Zero or One  $\leftarrow \bigcirc \rightarrow$  Zero, One, or Multiple

Zero or One  $\leftarrow \bigcirc \parallel \rightarrow$  One or Multiple  
Zero or One  $\leftarrow \bigcirc \rightarrow$  More than One  
One and Only One  $\leftarrow \bigcirc \rightarrow$  One and Only One

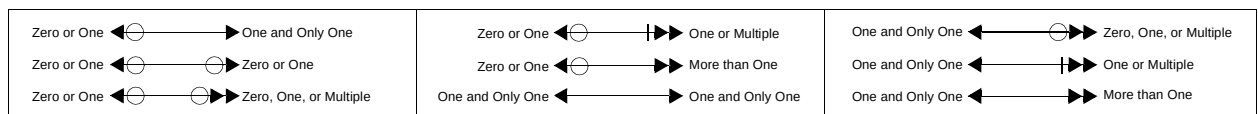
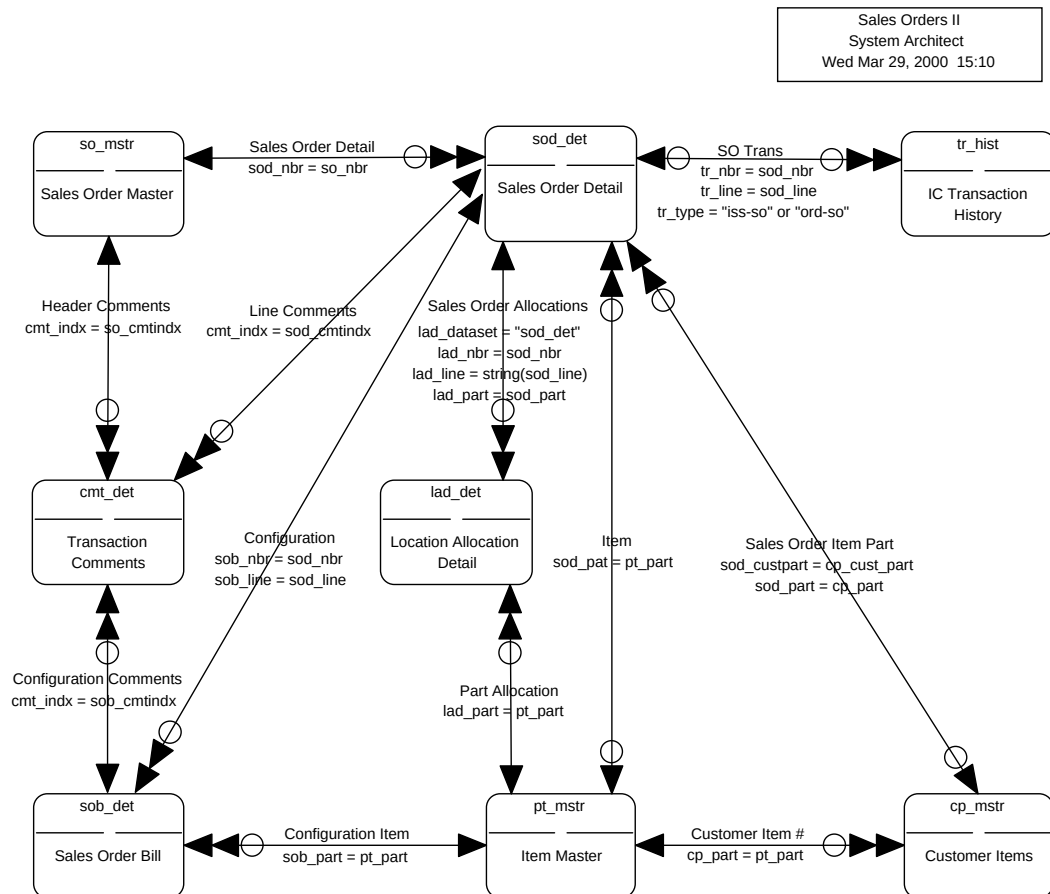
One and Only One  $\leftarrow \bigcirc \rightarrow$  Zero, One, or Multiple  
One and Only One  $\leftarrow \bigcirc \parallel \rightarrow$  One or Multiple  
One and Only One  $\leftarrow \bigcirc \rightarrow$  More than One

Sales Orders I

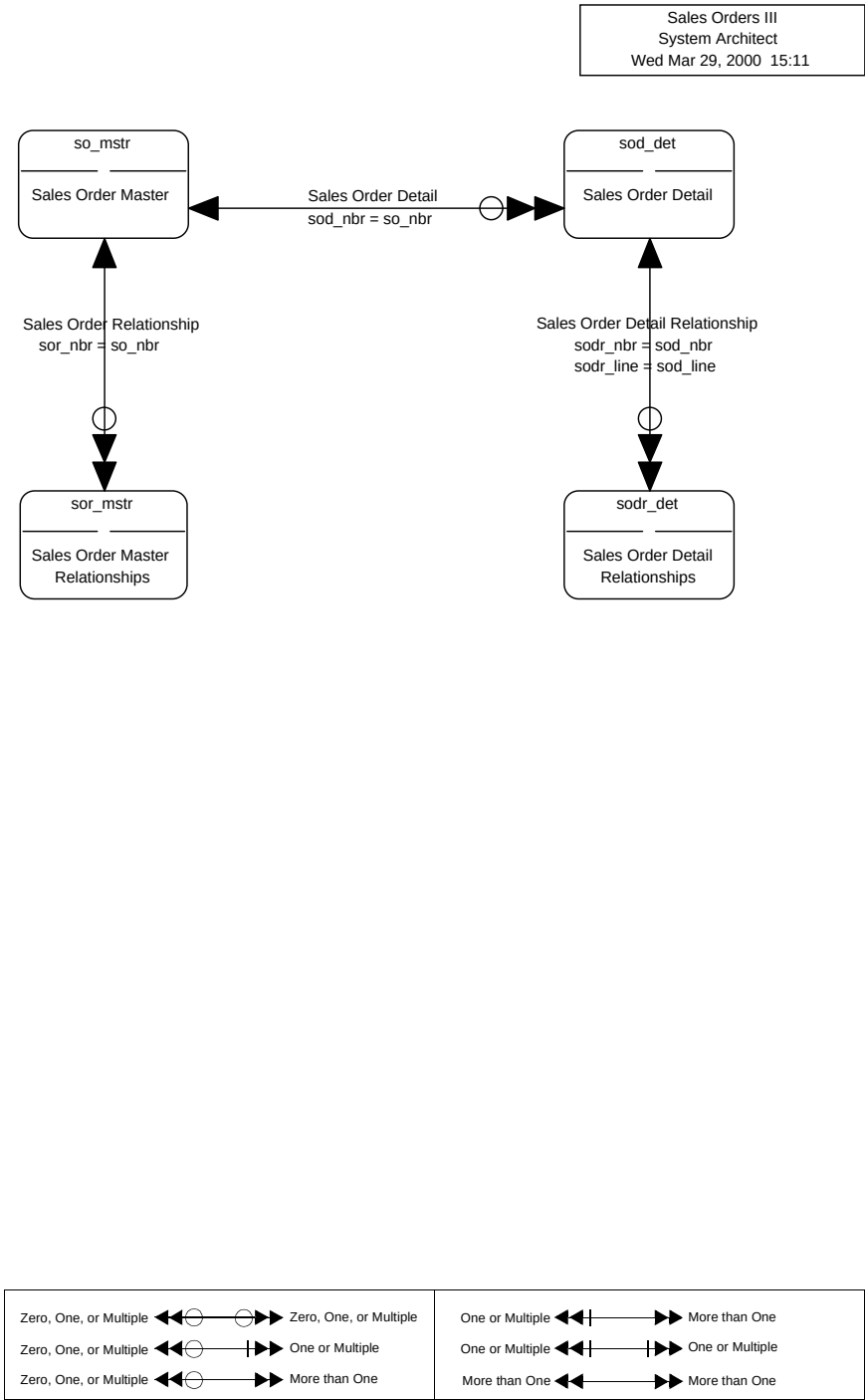


|                        |                        |                 |                 |
|------------------------|------------------------|-----------------|-----------------|
| Zero, One, or Multiple | Zero, One, or Multiple | One or Multiple | More than One   |
| Zero, One, or Multiple | One or Multiple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

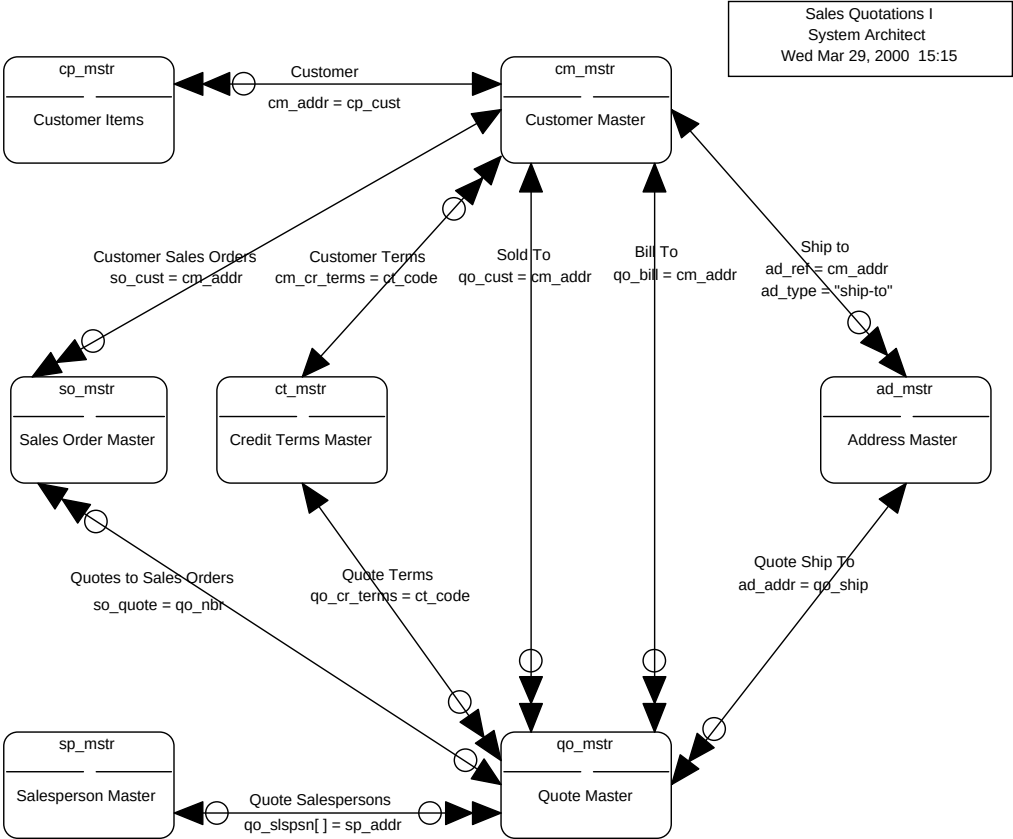
## Sales Orders II



Sales Orders III

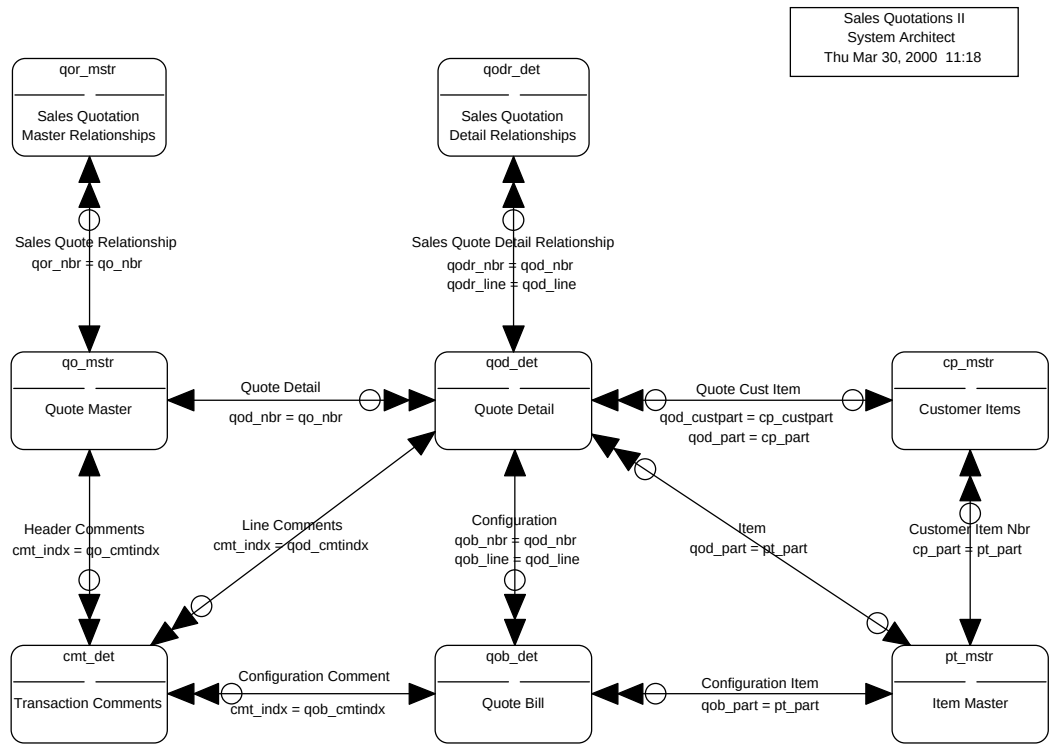


# Sales Quotations I



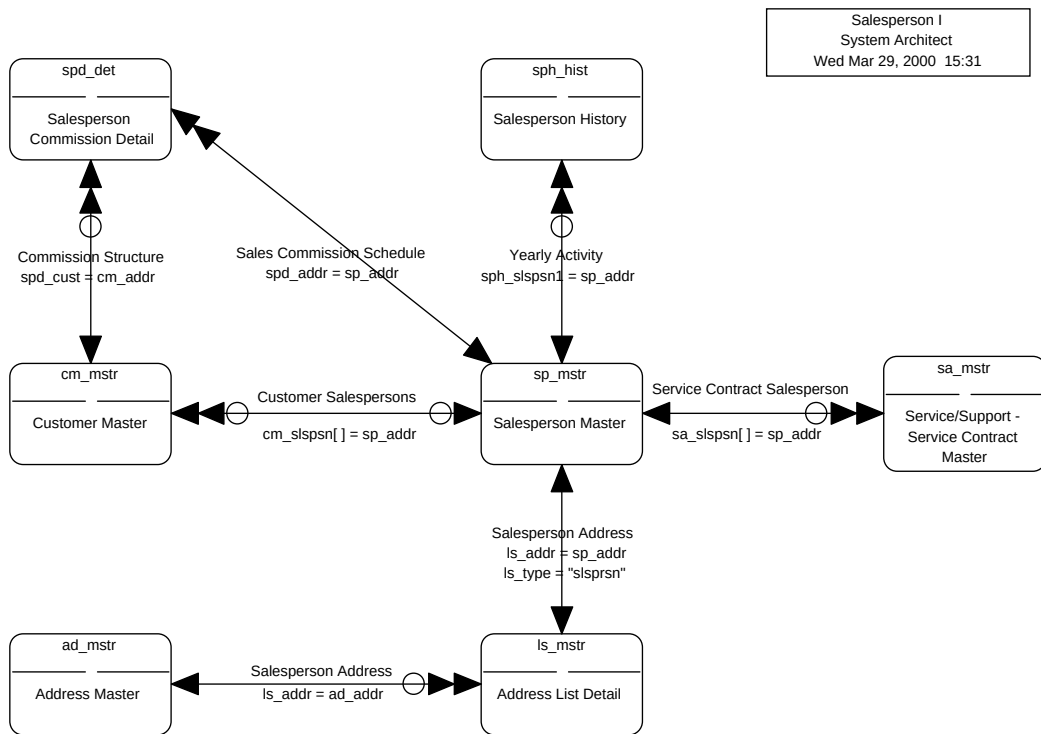
|             |                        |                  |                  |                  |                        |
|-------------|------------------------|------------------|------------------|------------------|------------------------|
| Zero or One | One and Only One       | Zero or One      | 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 Quotations II



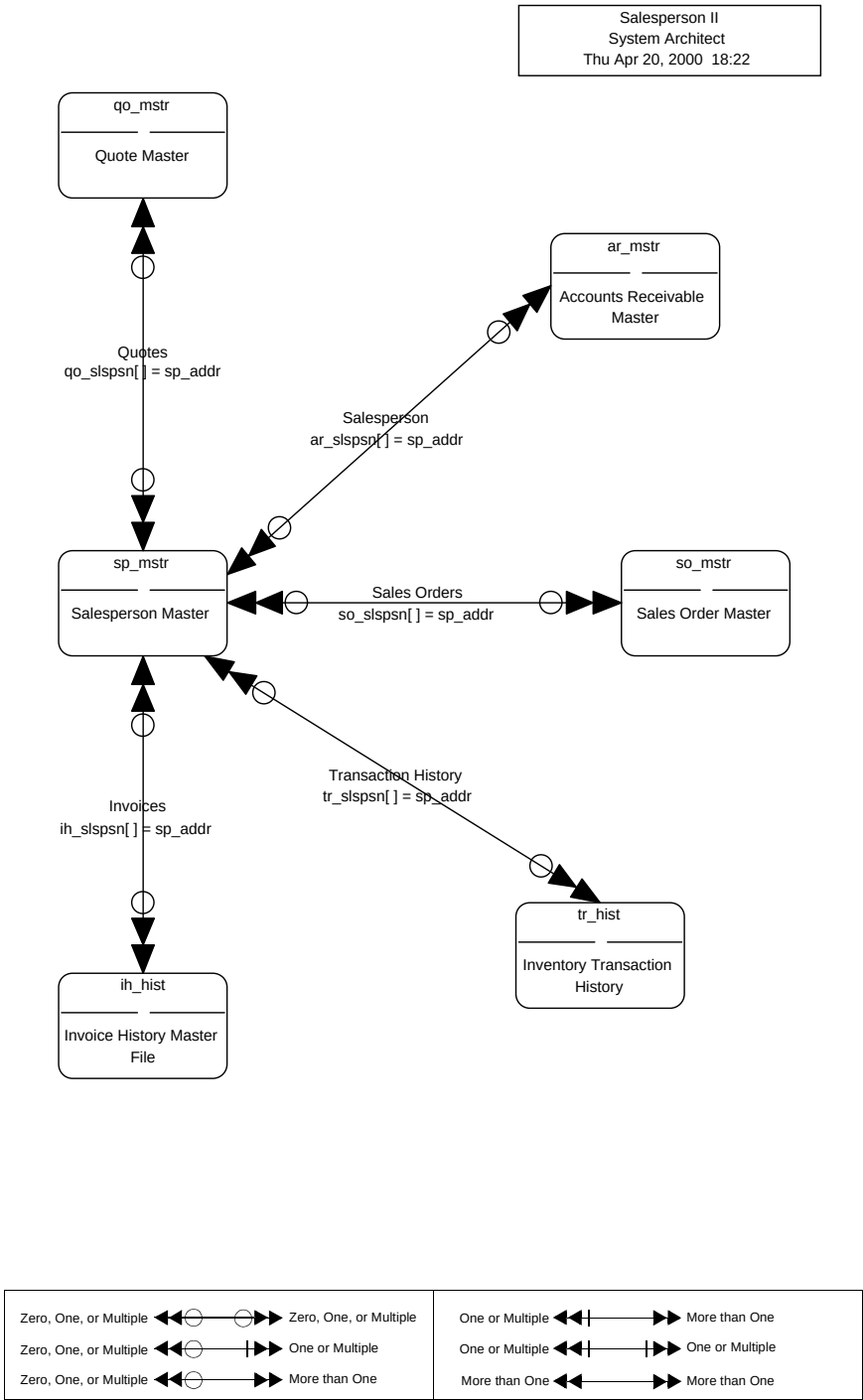
|                        |                        |                 |                 |
|------------------------|------------------------|-----------------|-----------------|
| Zero, One, or Multiple | Zero, One, or Multiple | One or Multiple | More than One   |
| Zero, One, or Multiple | One or Multiple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

## Salesperson I



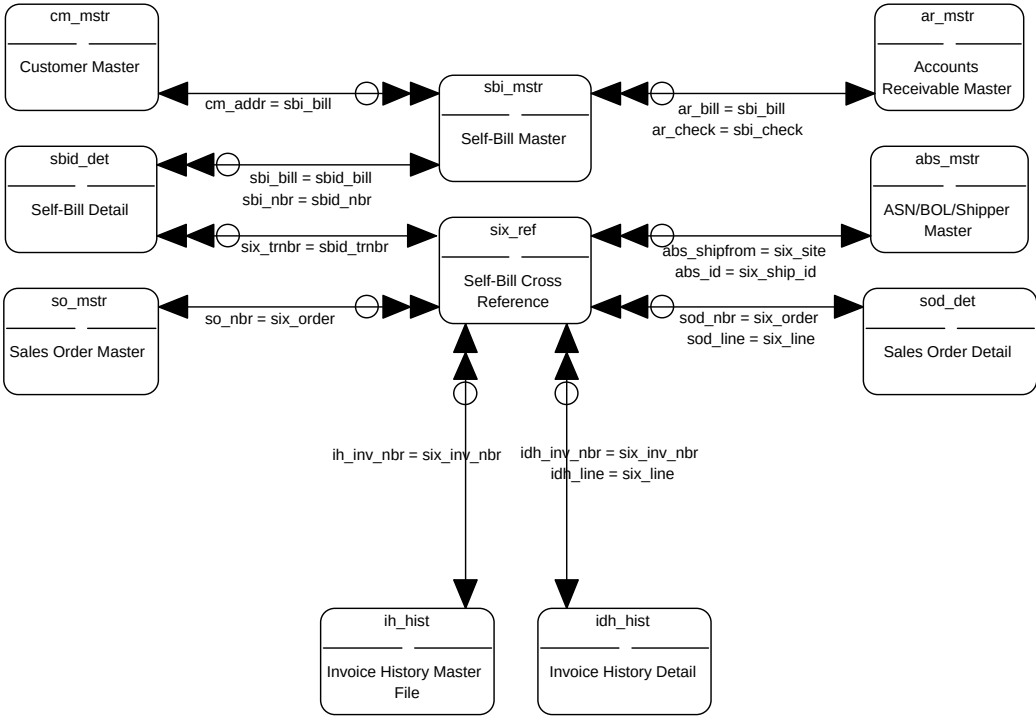
|                                                                                                                                                                                                                                                                                                |          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

Salesperson II



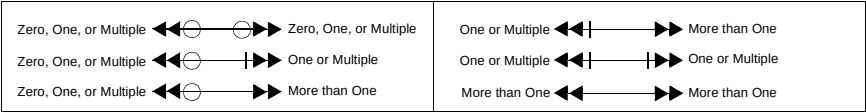
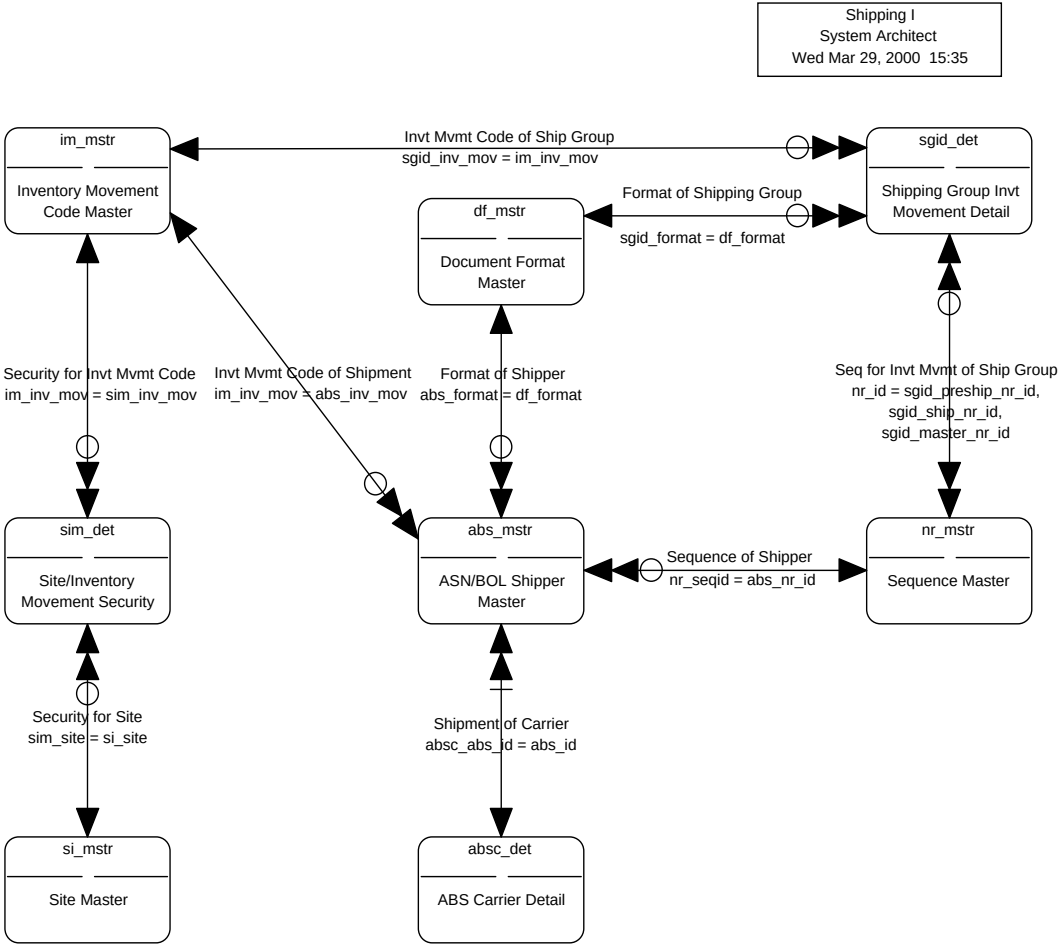
Self-Billing

Self-Billing  
System Architect  
Thu Mar 30, 2000 11:05

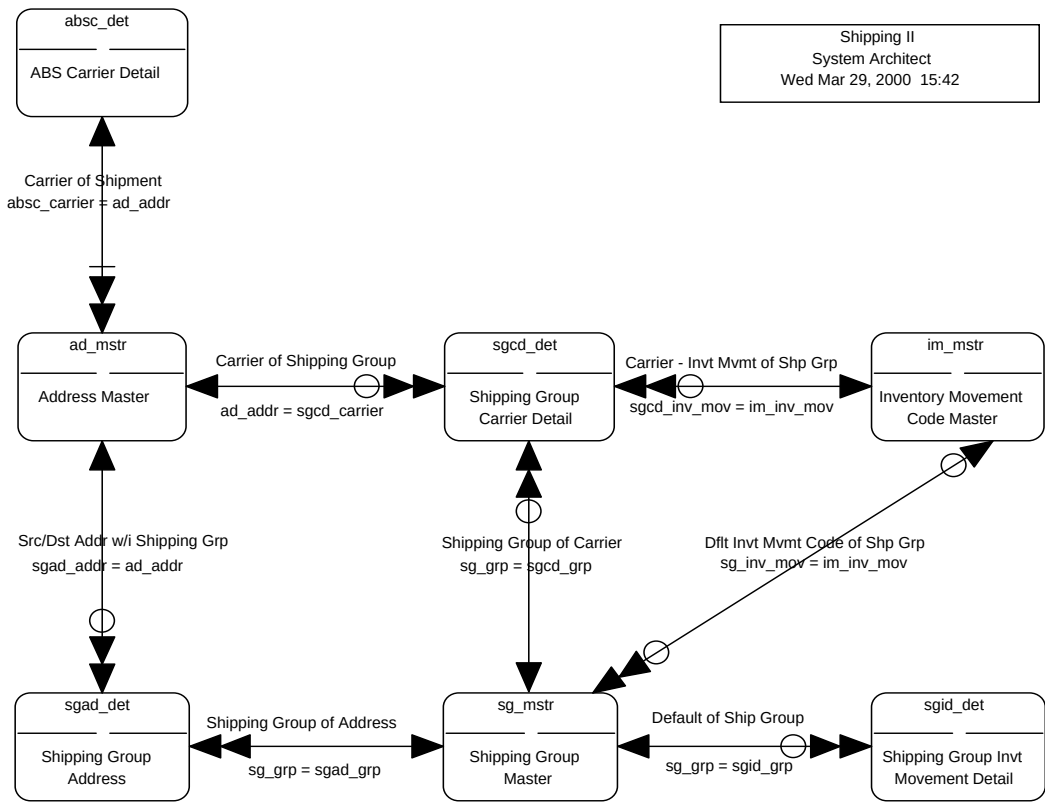


|                                                                                                 |                                                                                                            |                                                                                            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

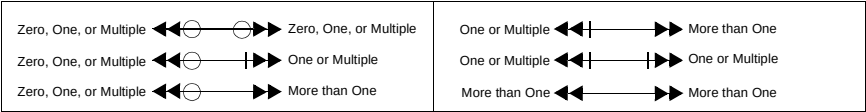
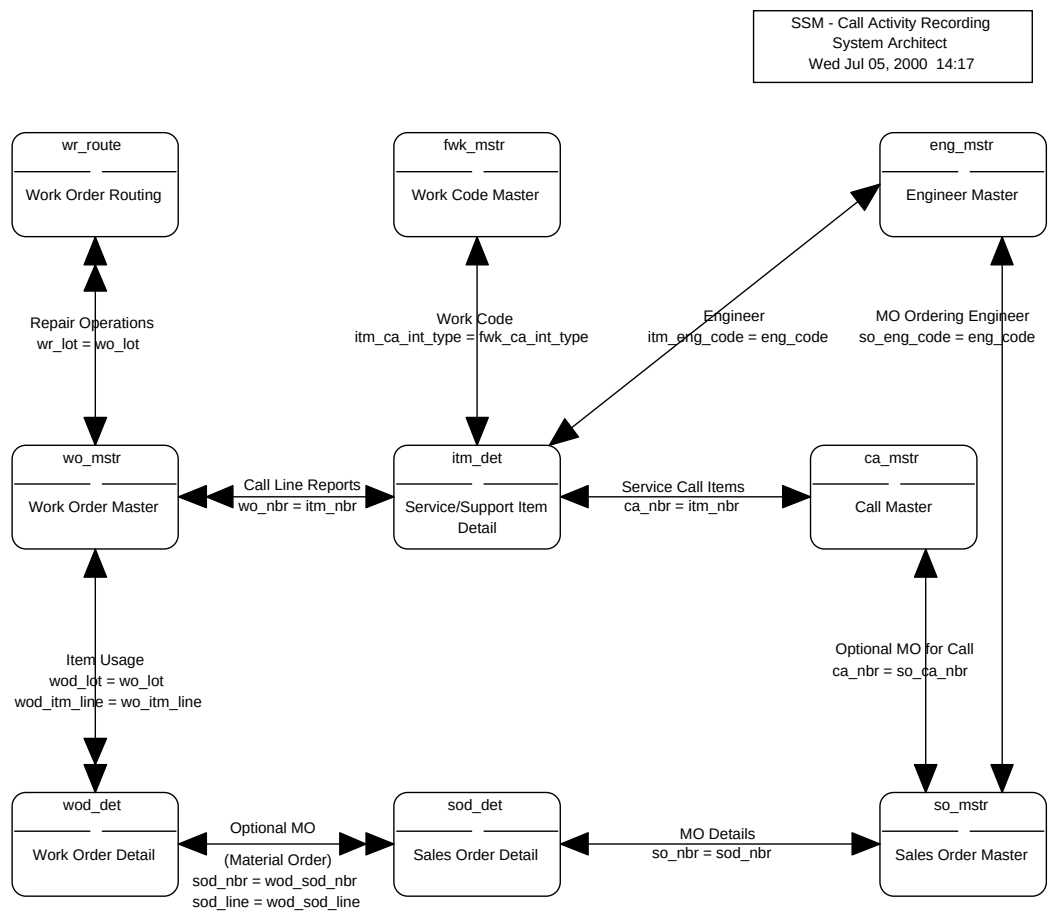


Shipping II



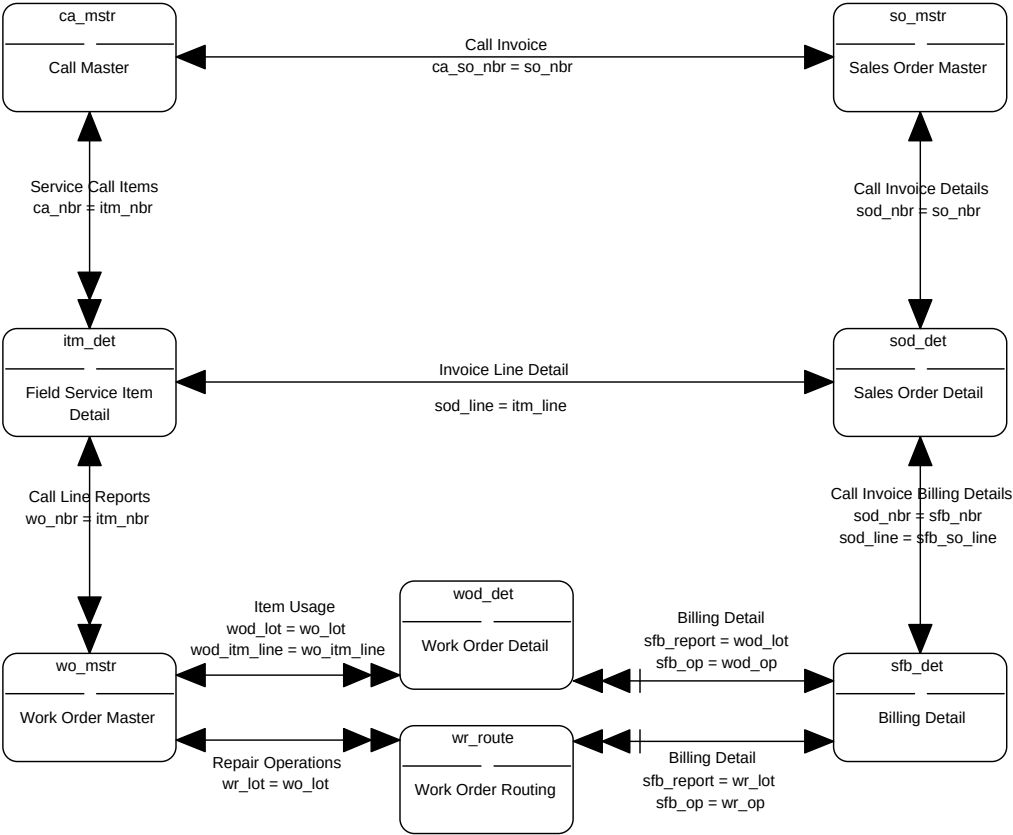
|             |                        |                  |                  |                  |                        |
|-------------|------------------------|------------------|------------------|------------------|------------------------|
| Zero or One | One and Only One       | Zero or One  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



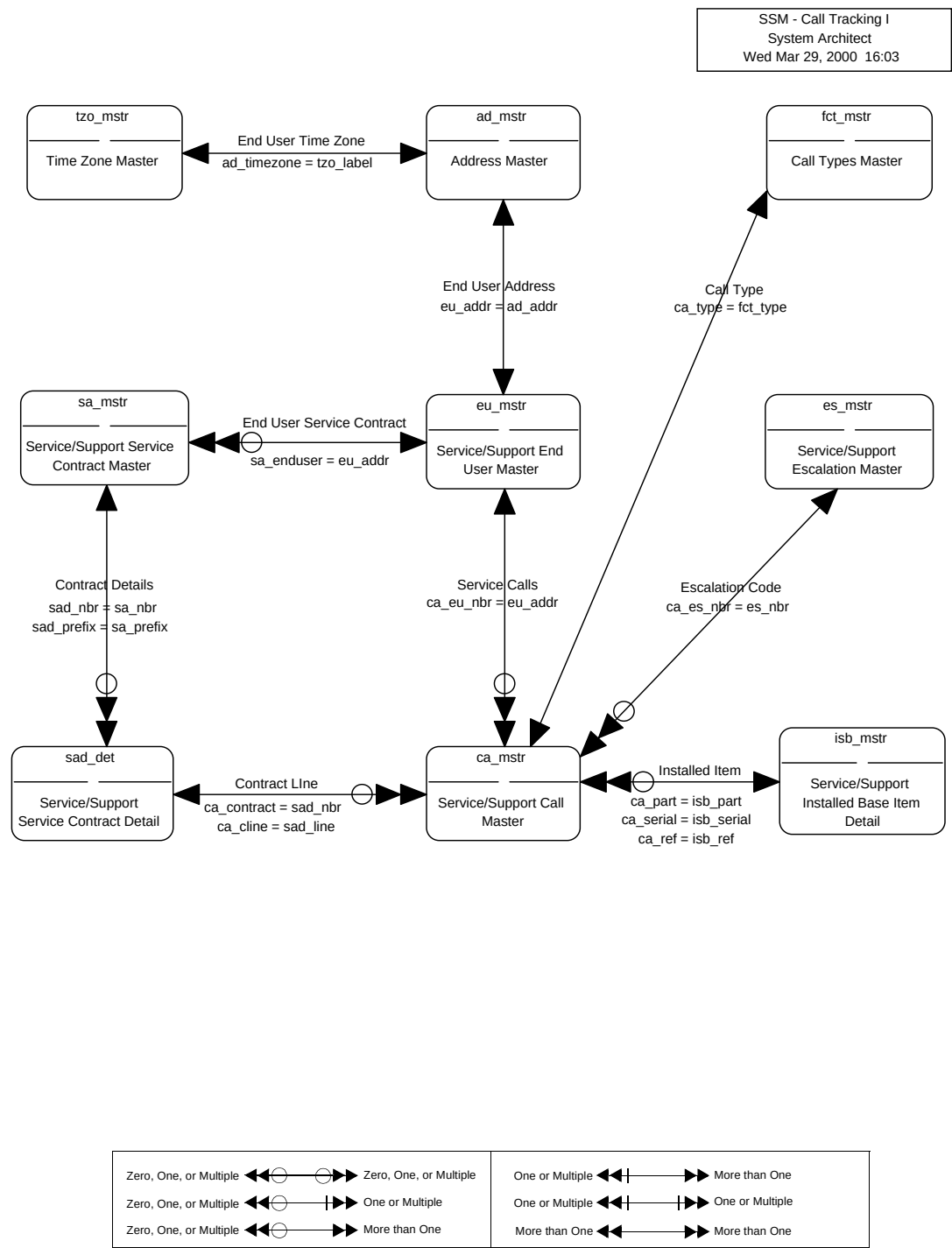
SSM – Call Invoice Recording

SSM - Call Invoice Recording  
System Architect  
Wed Mar 29, 2000 16:00

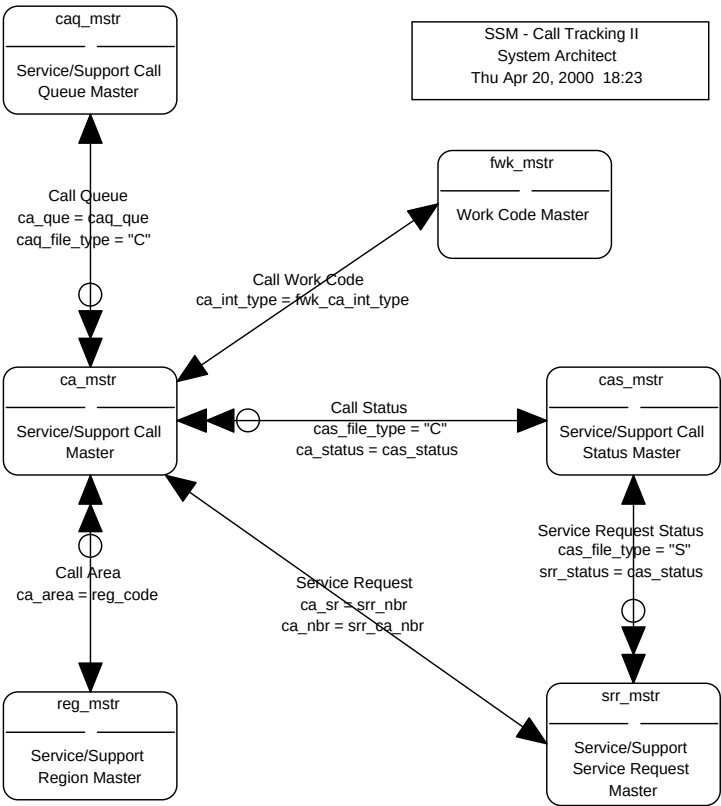


|             |                        |                  |                  |                  |                        |
|-------------|------------------------|------------------|------------------|------------------|------------------------|
| Zero or One | One and Only One       | Zero or One  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

SSM – Call Tracking I

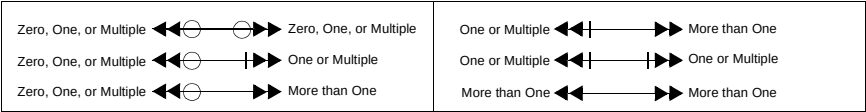
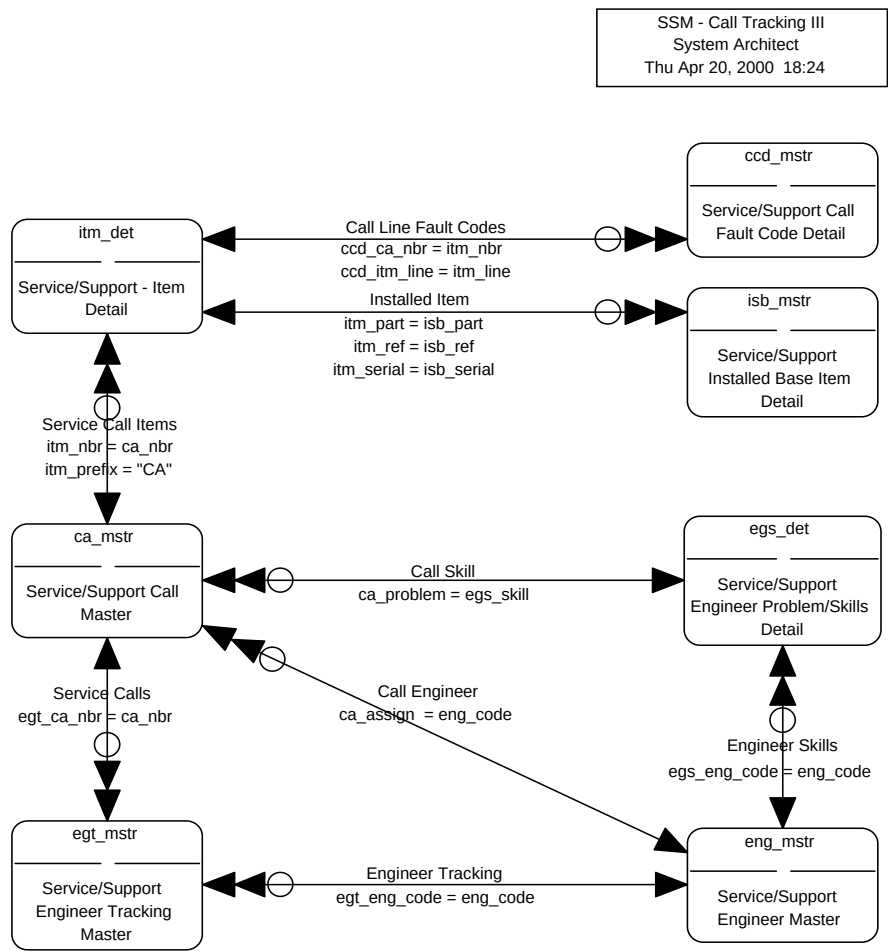


# SSM – Call Tracking II

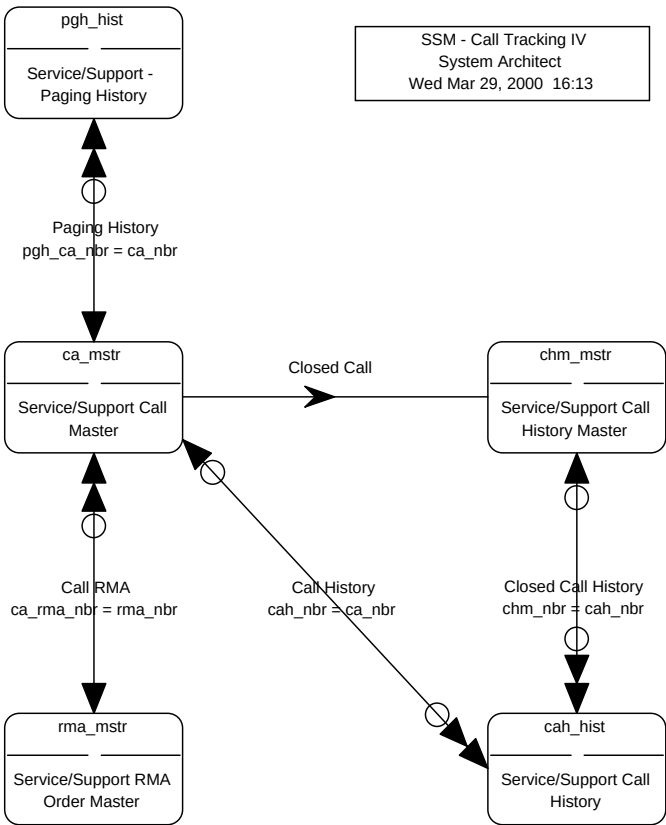


|             |                        |                  |                  |                  |                        |
|-------------|------------------------|------------------|------------------|------------------|------------------------|
| Zero or One | One and Only One       | Zero or One      | 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 Tracking III

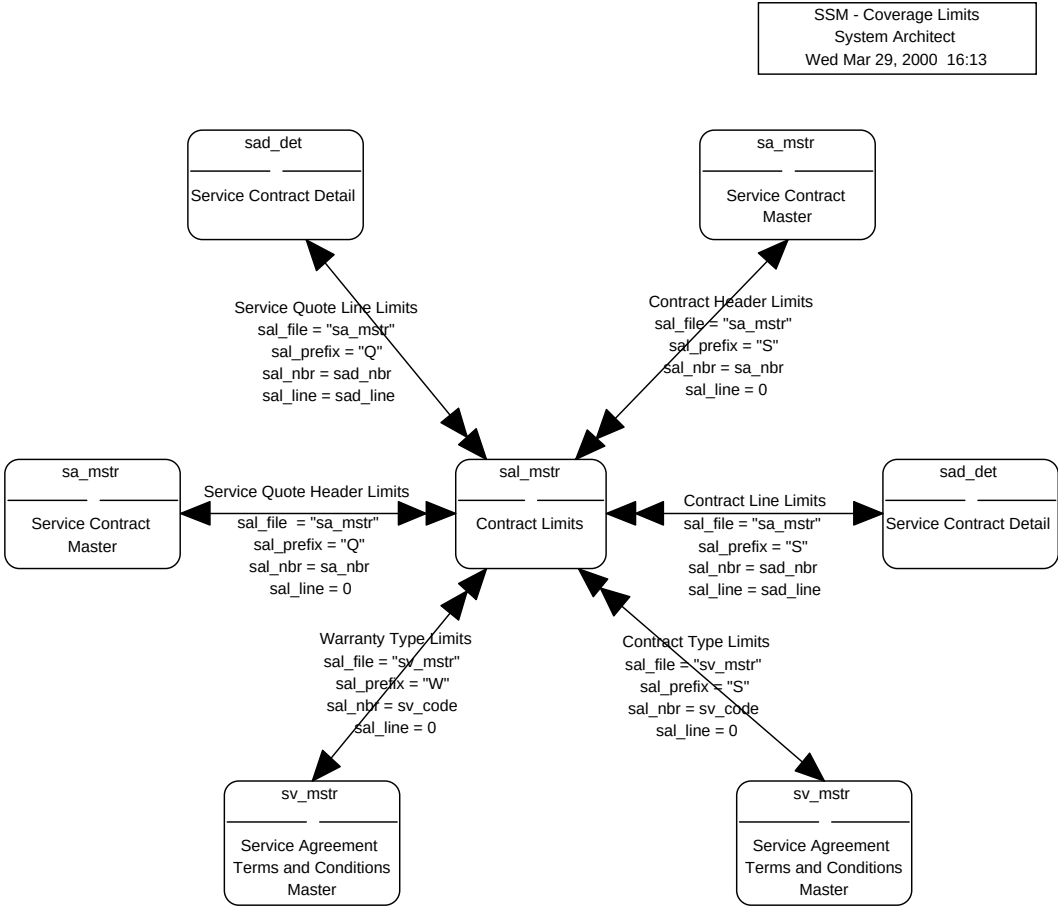


SSM – Call Tracking IV



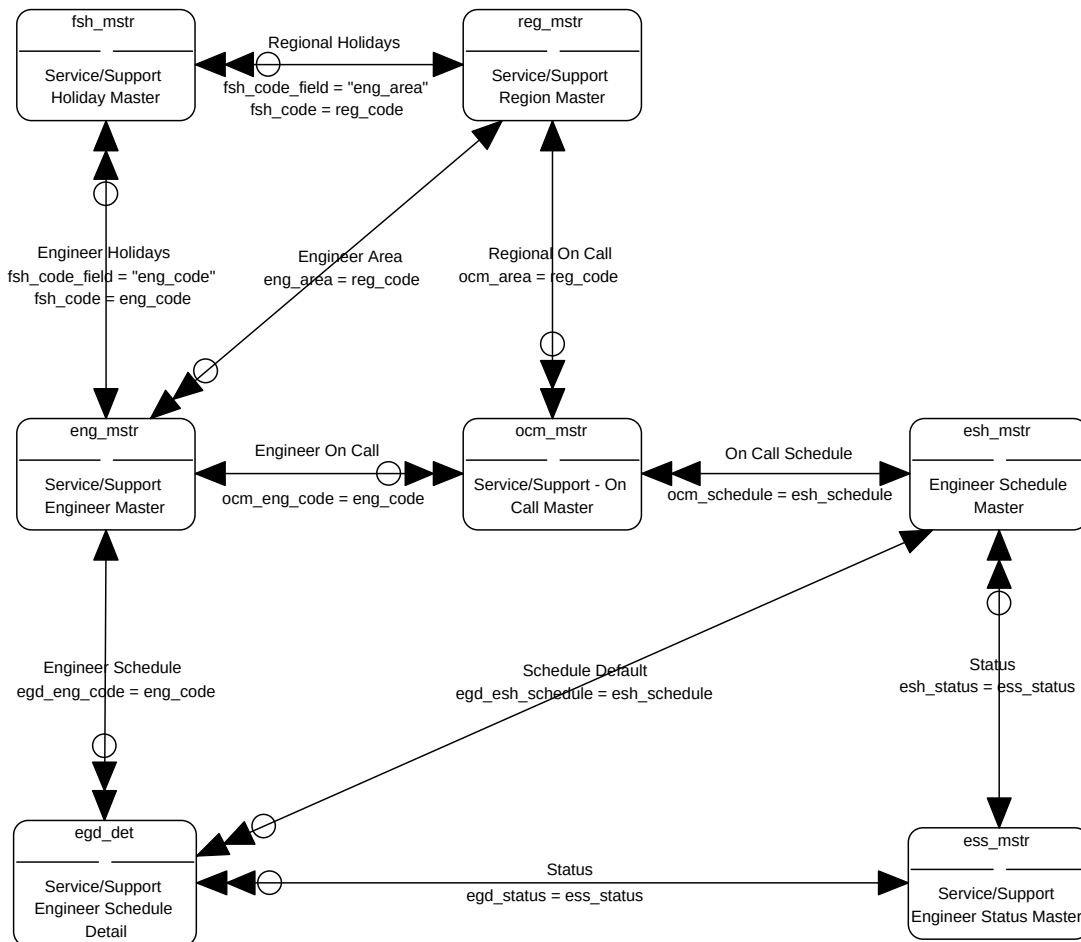
|             |                        |                  |                  |                  |                        |
|-------------|------------------------|------------------|------------------|------------------|------------------------|
| Zero or One | One and Only One       | Zero or One  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

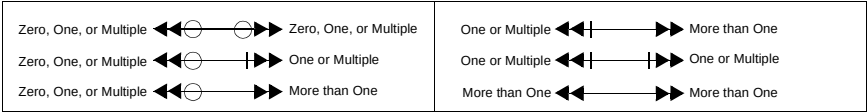
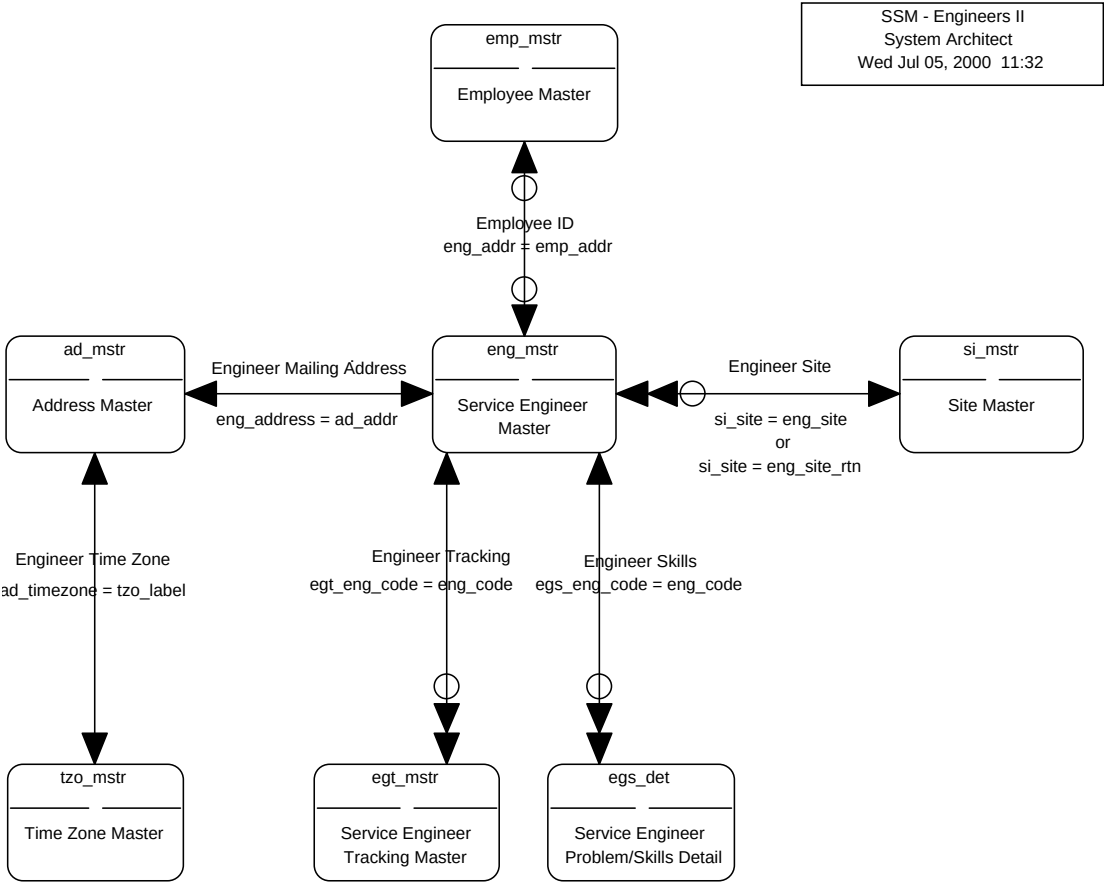


## SSM – Engineers I

SSM - Engineers I  
System Architect  
Wed Mar 29, 2000 16:15

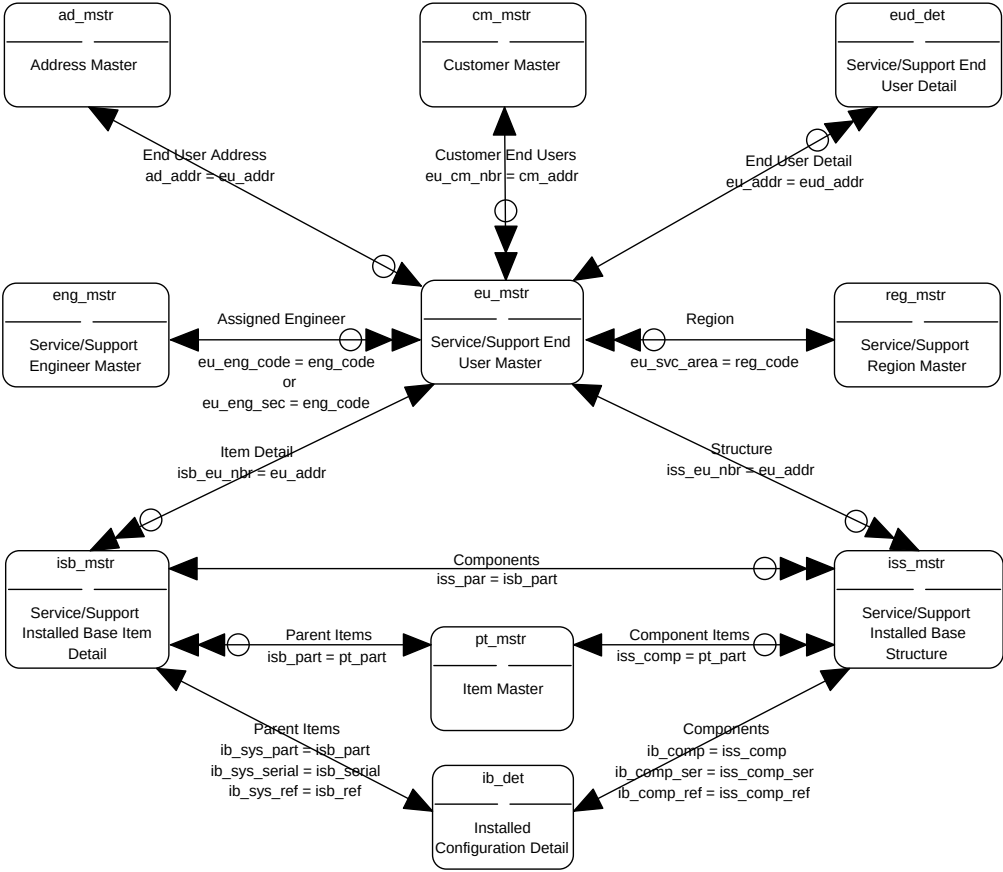
Zero or One  $\leftarrow \bigcirc \rightarrow$  One and Only OneZero or One  $\leftarrow \bigcirc \rightarrow$  Zero or OneZero or One  $\leftarrow \bigcirc \rightarrow$  Zero, One, or MultipleZero or One  $\leftarrow \bigcirc \rightarrow$  One or MultipleZero or One  $\leftarrow \bigcirc \rightarrow$  More than OneOne and Only One  $\leftarrow \bigcirc \rightarrow$  One and Only OneOne and Only One  $\leftarrow \bigcirc \rightarrow$  Zero, One, or MultipleOne and Only One  $\leftarrow \bigcirc \rightarrow$  One or MultipleOne and Only One  $\leftarrow \bigcirc \rightarrow$  More than One

SSM – Engineers II



# SSM – Installed Base

SSM - Installed Base  
System Architect  
Thu Mar 30, 2000 09:04

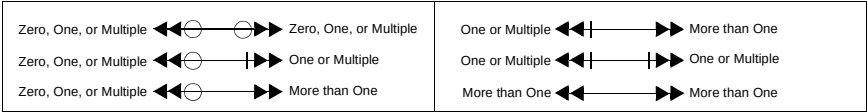
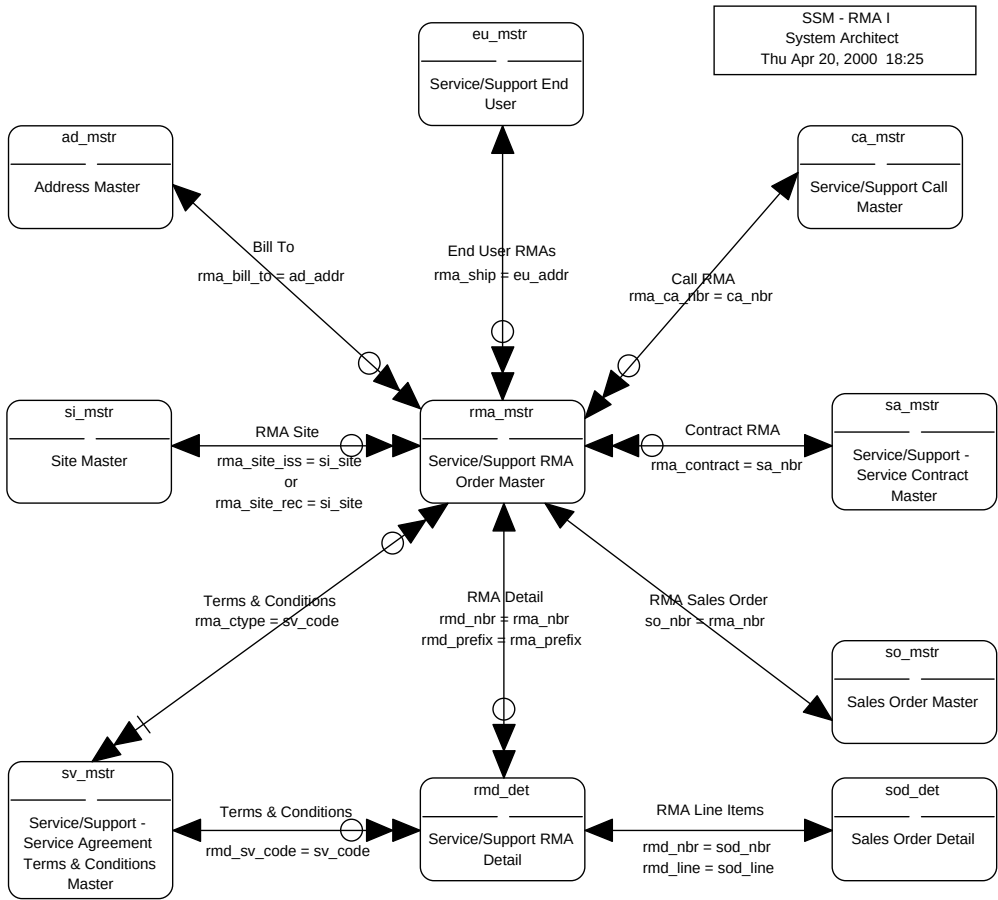


Zero or One One and Only One  
Zero or One Zero or One  
Zero or One Zero, One, or Multiple

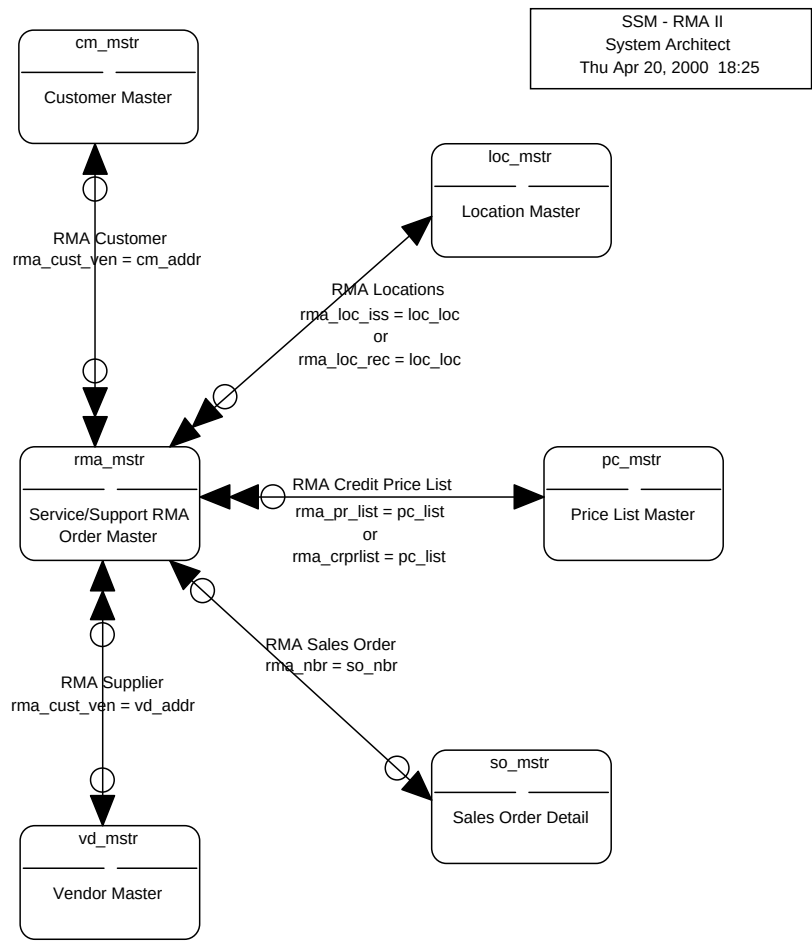
Zero or One One or Multiple  
Zero or One More than One  
One and Only One One and Only One

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

SSM – RMA I

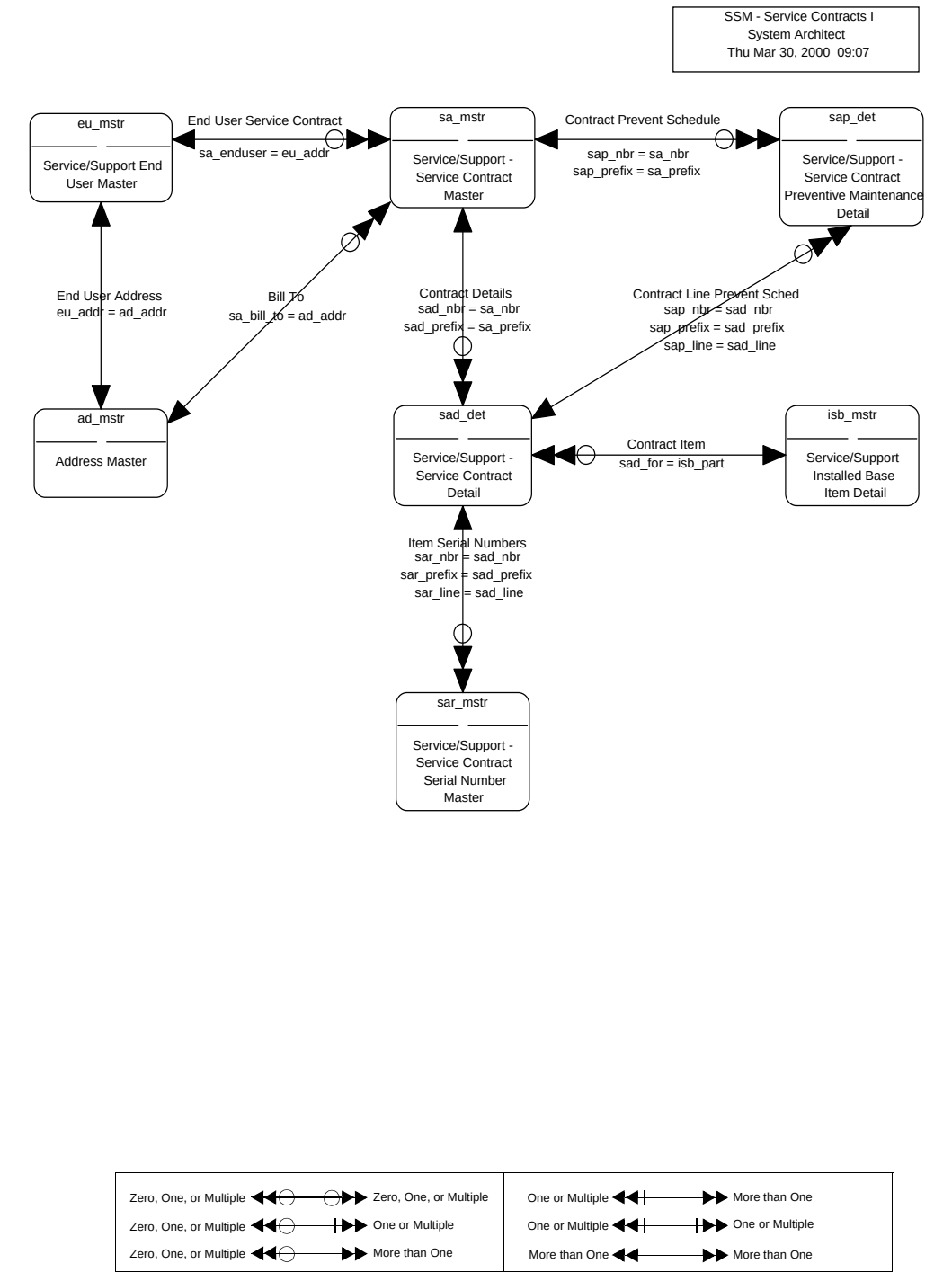


SSM – RMA II

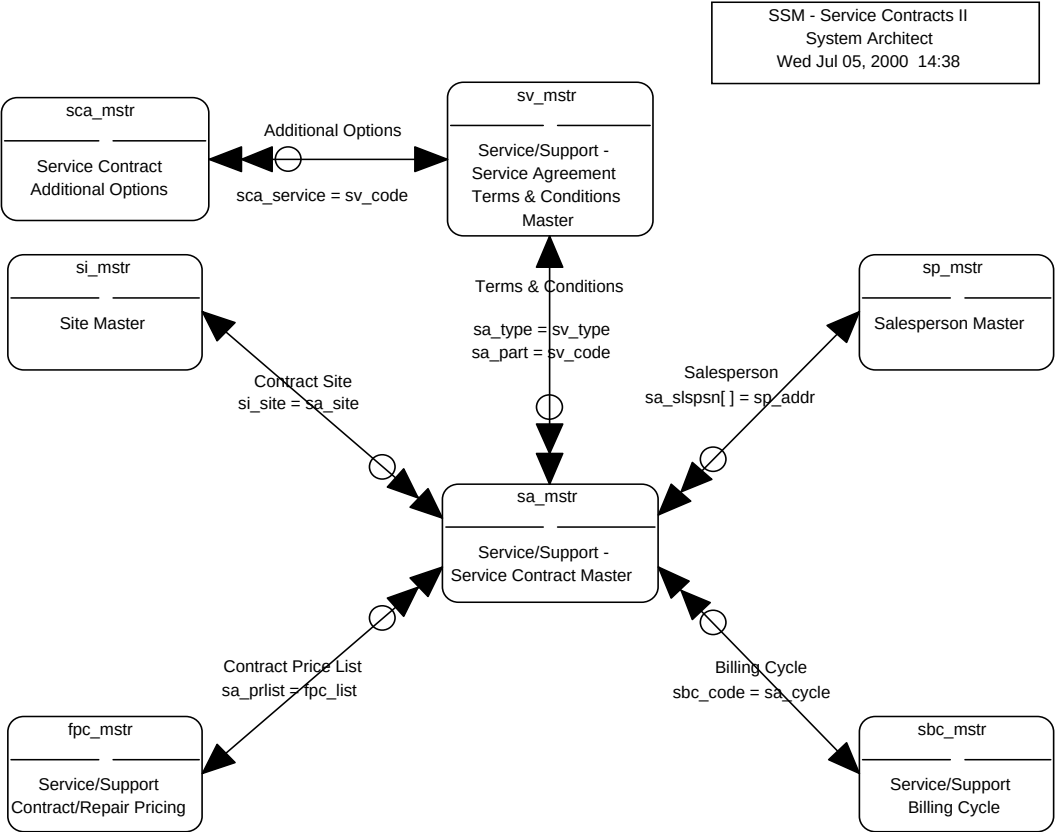


|             |                        |                  |                  |                  |                        |
|-------------|------------------------|------------------|------------------|------------------|------------------------|
| Zero or One | One and Only One       | Zero or One  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



# SSM – Service Contracts 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

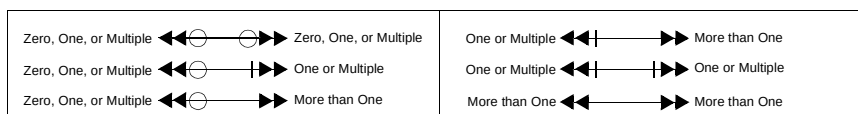
Zero or One More than One

One and Only One One and Only One

One and Only One Zero, One, or Multiple

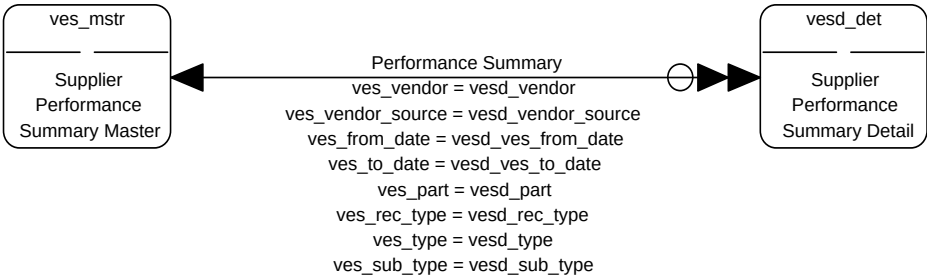
One and Only One One or Multiple

One and Only One More than One



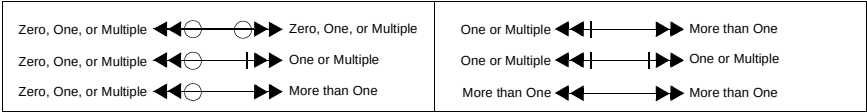
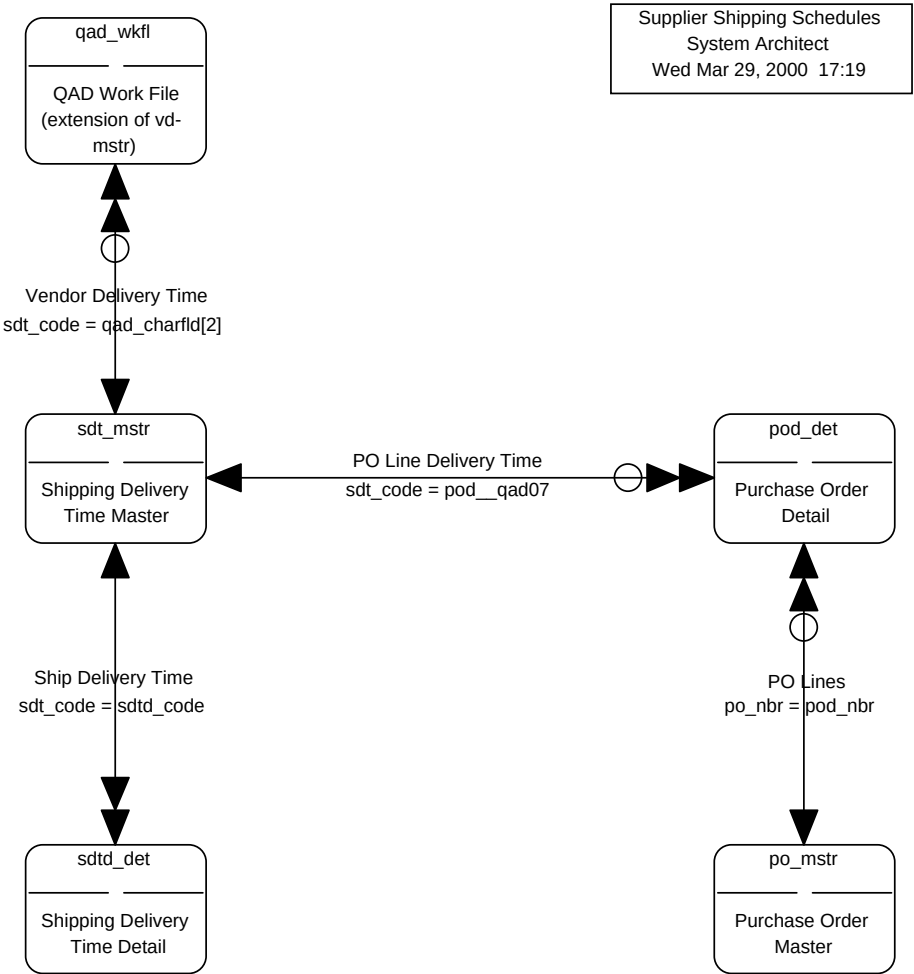
# Supplier Performance II

Supplier Performance II  
System Architect  
Wed Mar 29, 2000 17:18

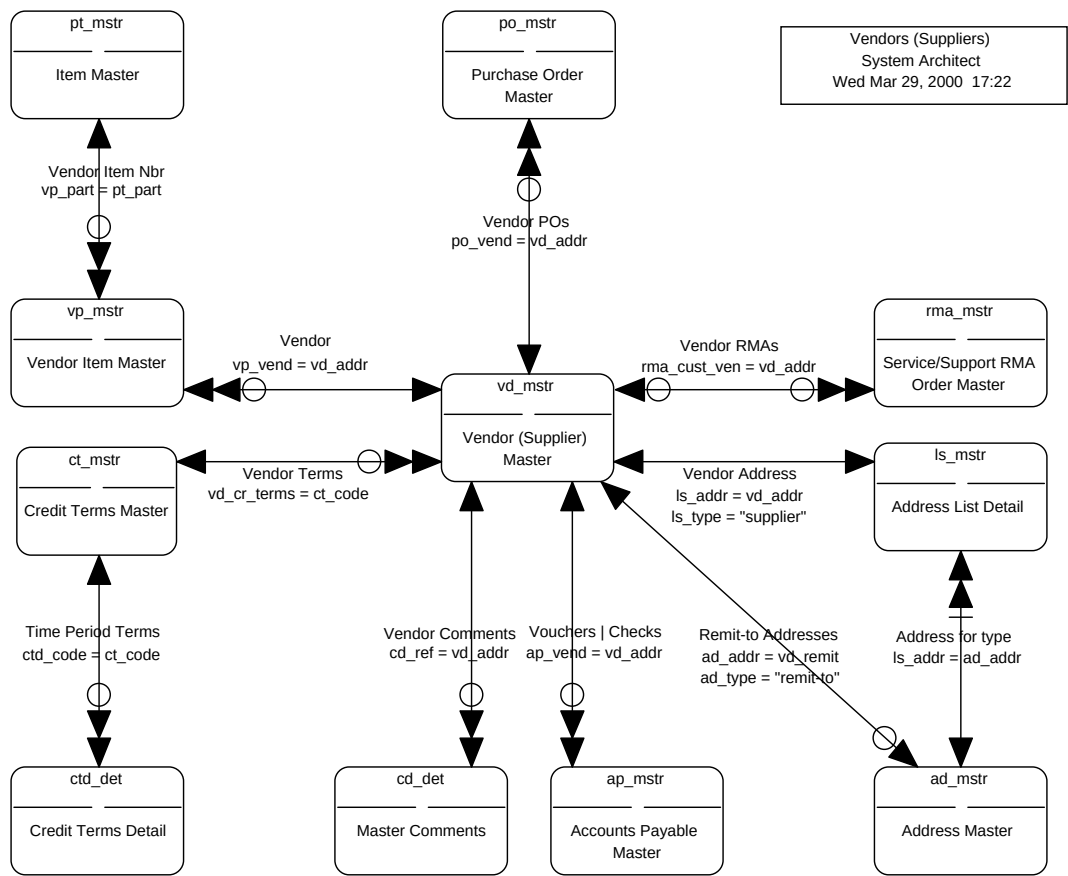


|                                         |                                        |                                              |
|-----------------------------------------|----------------------------------------|----------------------------------------------|
| Zero or One ◀—▶ One and Only One        | 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 Shipping Schedules

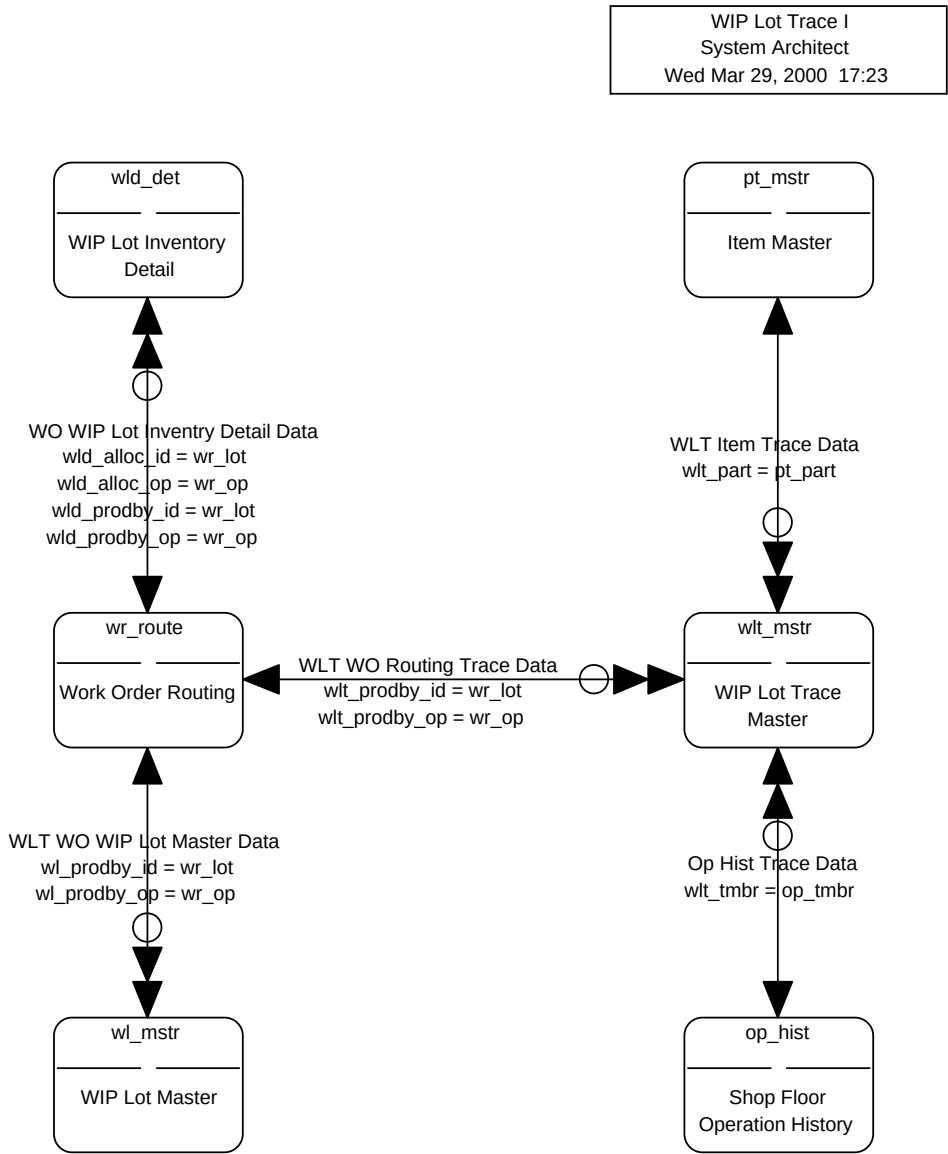


Vendors (Suppliers)



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

# WIP Lot Trace I

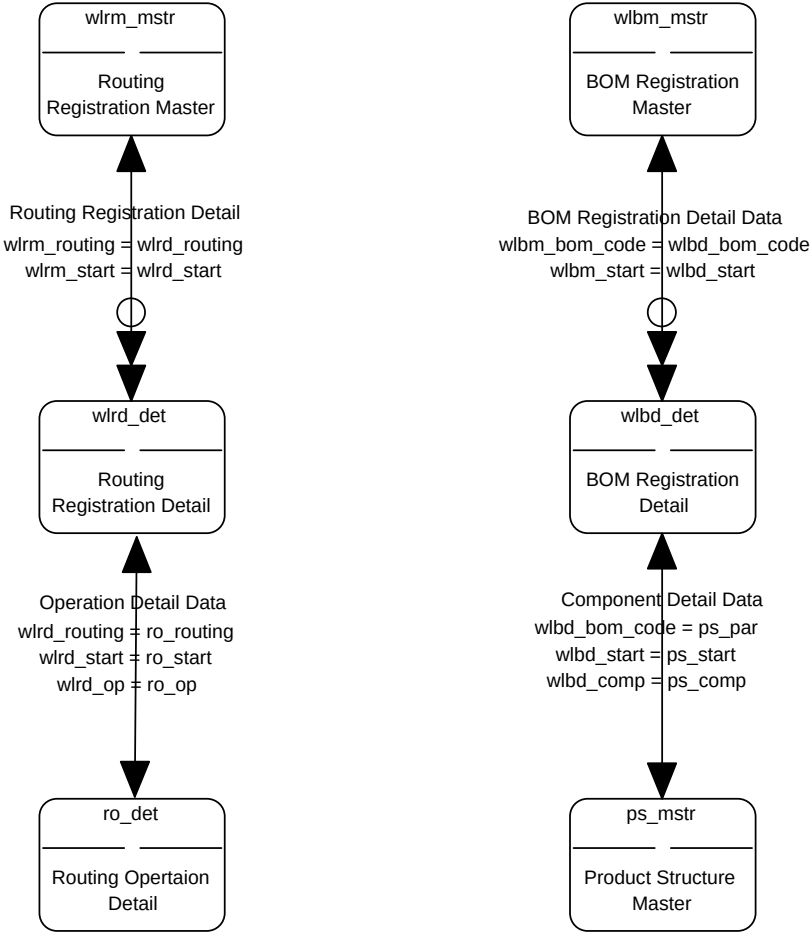


|                        |                 |
|------------------------|-----------------|
| Zero, One, or Multiple | One or Multiple |
| Zero, One, or Multiple | One or Multiple |
| Zero, One, or Multiple | More than One   |

|                 |                 |
|-----------------|-----------------|
| One or Multiple | More than One   |
| One or Multiple | One or Multiple |
| More than One   | More than One   |

WIP Lot Trace II

WIP Lot Trace II  
System Architect  
Wed Mar 29, 2000 17:23

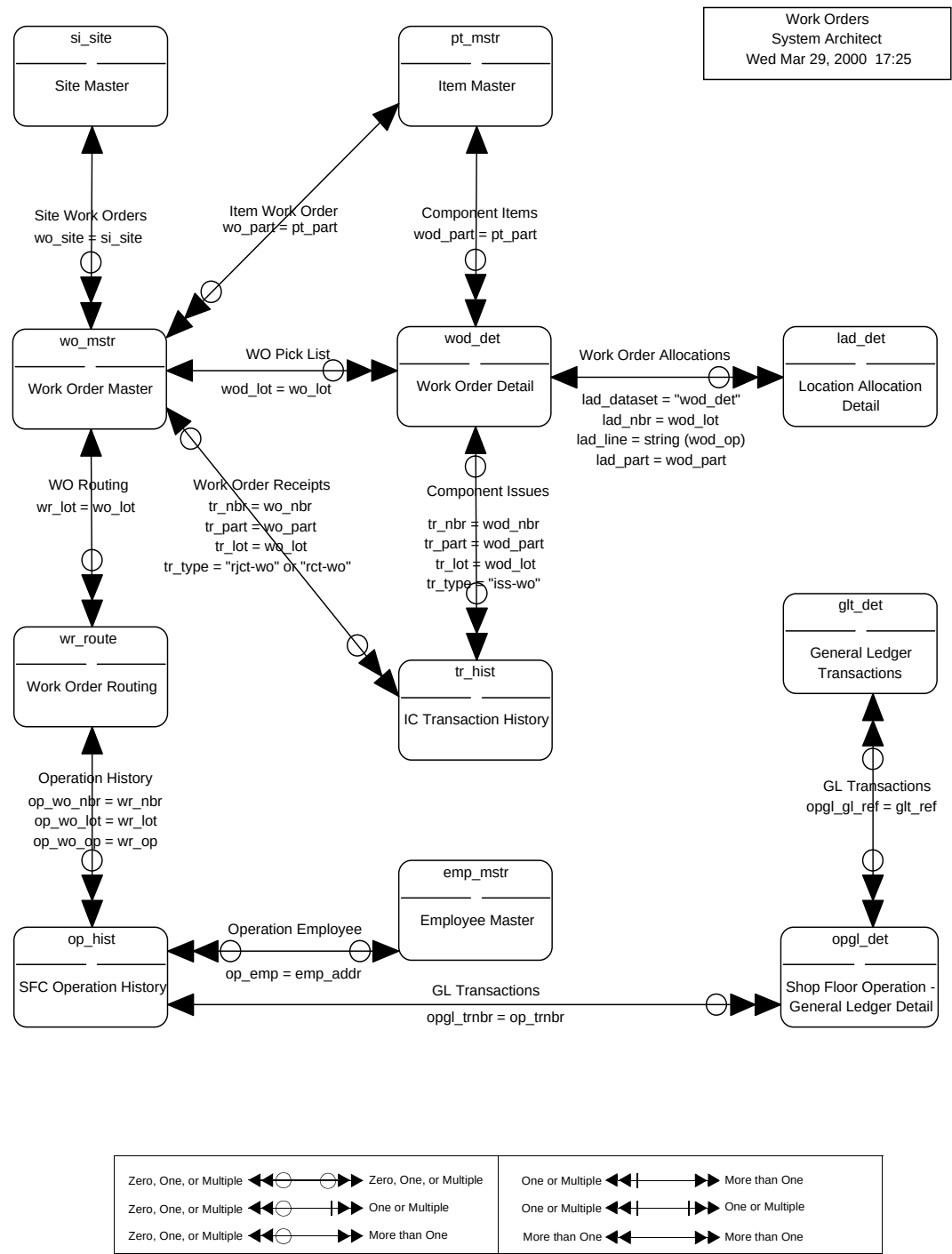


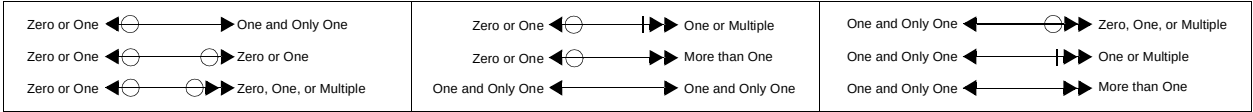
|             |                        |
|-------------|------------------------|
| Zero or One | One and Only One       |
| Zero or One | Zero or One            |
| Zero or One | Zero, One, or Multiple |

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

Work Orders





## CHAPTER 3

# File/Diagram Cross-Reference

This chapter provides a table cross-referencing MFG/PRO eB files and the diagrams in which they appear.

*Cross-Reference of Database Files*      **116**

param91.p 14.13.2 Routing Maintenance (Main Screen)

|                    |          |                       |
|--------------------|----------|-----------------------|
| Routing Code:      | 10-15000 | NONAD (75) COOLING    |
| Operation:         | 20       |                       |
| Standard Operation |          |                       |
| Work Center        | 1030     | INSPECTION, ALL SITES |
| Machine            |          |                       |
| Description        |          | INSPEC PER PROX-005   |
| Machines per Op    | 1        | Milestone             |
| Overlap Units      | 1        |                       |
| Queue Time         | 1.0      |                       |
| Wait Time          | 0.0      |                       |
| Setup Time         | 0.0      |                       |

Route by Production Route

## Cross-Reference of Database Files

This table shows the diagrams where a given file appears. File names are displayed in alphabetical order.

**Table 3.1**  
Cross-Reference of  
Database Files

| File Name | Diagram Name                 |
|-----------|------------------------------|
| abs_mstr  | Customer Scheduled Orders    |
| abs_mstr  | Customer Sequenced Schedules |
| abs_mstr  | Self-Billing                 |
| abs_mstr  | Shipping I                   |
| absc_det  | Shipping I                   |
| absc_det  | Shipping II                  |
| absr_det  | Customer Scheduled Orders    |
| abss_det  | Customer Sequenced Schedules |
| ac_mstr   | General Ledger Master II     |
| ac_mstr   | Multicurrency II             |
| acd_det   | General Ledger Transactions  |
| acod_mstr | Q/LinQ I                     |
| ad_mstr   | Addresses                    |
| ad_mstr   | Configured Messages          |
| ad_mstr   | Customers IV                 |
| ad_mstr   | GTM Master Data              |
| ad_mstr   | PRM - Project Header         |
| ad_mstr   | Product Line II              |
| ad_mstr   | Purchasing I                 |
| ad_mstr   | Sales Orders I               |
| ad_mstr   | Sales Quotations I           |
| ad_mstr   | Salesperson I                |
| ad_mstr   | Shipping II                  |
| ad_mstr   | SSM - Call Tracking I        |
| ad_mstr   | SSM - Engineers II           |
| ad_mstr   | SSM - Installed Base         |
| ad_mstr   | SSM - RMA I                  |

Table 3.1 — Cross-Reference of Database Files — (Page 1 of 25)

| <b>File Name</b> | <b>Diagram Name</b>         |
|------------------|-----------------------------|
| ad_mstr          | SSM - Service Contracts I   |
| ad_mstr          | Vendors (Suppliers)         |
| al_mstr          | General Ledger Master I     |
| al_mstr          | General Ledger Transactions |
| ald_det          | General Ledger Master I     |
| ap_mstr          | Accounts Payable I          |
| ap_mstr          | Accounts Payable II         |
| ap_mstr          | Cash Management             |
| ap_mstr          | General Ledger Daybooks     |
| ap_mstr          | Vendors (Suppliers)         |
| apr_mstr         | Logistics API               |
| apr_mstr         | Logistics API II            |
| apr_mstr         | Q/LinQ I                    |
| apr_mstr         | Q/LinQ II                   |
| apr_mstr         | Q/LinQ III                  |
| ar_mstr          | Accounts Receivable I       |
| ar_mstr          | Accounts Receivable II      |
| ar_mstr          | Accounts Receivable II      |
| ar_mstr          | Accounts Receivable II      |
| ar_mstr          | Cash Management             |
| ar_mstr          | Customers III               |
| ar_mstr          | General Ledger Daybooks     |
| ar_mstr          | Invoice History I           |
| ar_mstr          | Logistics API               |
| ar_mstr          | Logistics API II            |
| ar_mstr          | PRM - Invoicing             |
| ar_mstr          | Sales Orders I              |
| ar_mstr          | Salesperson II              |
| ar_mstr          | Self-Billing                |
| ard_det          | Accounts Receivable II      |
| ard_det          | Accounts Receivable II      |
| ard_det          | PRM - Invoicing             |

Table 3.1 — Cross-Reference of Database Files — (Page 2 of 25)

| File Name  | Diagram Name                  |
|------------|-------------------------------|
| art_mstr   | Q/LinQ I                      |
| asc_mstr   | General Ledger Master I       |
| asc_mstr   | General Ledger Master II      |
| asc_mstr   | General Ledger Transactions   |
| atp_det    | Forecasting/Planning          |
| ba_mstr    | Accounts Payable II           |
| ba_mstr    | Accounts Receivable I         |
| ba_mstr    | Cash Management               |
| bg_mstr    | General Ledger Master I       |
| bgd_det    | General Ledger Master I       |
| bk_mstr    | Accounts Payable II           |
| bk_mstr    | Addresses                     |
| bk_mstr    | Cash Management               |
| bk_mstr    | Multicurrency II              |
| bom_mstr   | Item Routing                  |
| bom_mstr   | Product Structure             |
| btb_det    | EMT - Secondary Business Unit |
| ca_mstr    | PRM - Material Orders         |
| ca_mstr    | PRM - Project Activity Orders |
| ca_mstr    | SSM - Call Activity Recording |
| ca_mstr    | SSM - Call Invoice Recording  |
| ca_mstr    | SSM - Call Tracking I         |
| ca_mstr    | SSM - Call Tracking II        |
| ca_mstr    | SSM - Call Tracking III       |
| ca_mstr    | SSM - Call Tracking IV        |
| ca_mstr    | SSM - RMA I                   |
| caclld_det | Fixed Assets I                |
| cah_hist   | SSM - Call Tracking IV        |
| cal_det    | Routing Standards             |
| caq_mstr   | SSM - Call Tracking II        |
| cas_mstr   | PRM - Project Activity Orders |
| cas_mstr   | SSM - Call Tracking II        |

Table 3.1 — Cross-Reference of Database Files — (Page 3 of 25)

| <b>File Name</b> | <b>Diagram Name</b>          |
|------------------|------------------------------|
| cb_mstr          | Cash Management              |
| cc_mstr          | General Ledger Master II     |
| ccd_mstr         | SSM - Call Tracking III      |
| cd_det           | Customers II                 |
| cd_det           | Routing Standards            |
| cd_det           | Vendors (Suppliers)          |
| chg_mstr         | Repetitive Schedule          |
| chm_mstr         | SSM - Call Tracking IV       |
| ck_mstr          | Accounts Payable II          |
| ck_mstr          | Cash Management              |
| ckd_det          | Accounts Payable I           |
| ckd_det          | Accounts Payable II          |
| cksd_det         | Accounts Payable II          |
| cksd_det         | Cash Management              |
| cm_mstr          | Accounts Receivable I        |
| cm_mstr          | Addresses                    |
| cm_mstr          | Customer Sequenced Schedules |
| cm_mstr          | Customers I                  |
| cm_mstr          | Customers II                 |
| cm_mstr          | Customers II                 |
| cm_mstr          | Customers III                |
| cm_mstr          | Customers IV                 |
| cm_mstr          | Customers V                  |
| cm_mstr          | Invoice History I            |
| cm_mstr          | PRM - Project Header         |
| cm_mstr          | Product Line I               |
| cm_mstr          | Sales Analysis               |
| cm_mstr          | Sales Orders I               |
| cm_mstr          | Sales Quotations I           |
| cm_mstr          | Salesperson I                |
| cm_mstr          | Self-Billing                 |
| cm_mstr          | SSM - Installed Base         |

Table 3.1 — Cross-Reference of Database Files — (Page 4 of 25)

| File Name | Diagram Name                  |
|-----------|-------------------------------|
| cm_mstr   | SSM - RMA II                  |
| cmf_mstr  | EMT - Primary Business Unit   |
| cmh_hist  | Customers II                  |
| cmh_hist  | Sales Analysis                |
| cmt_det   | Accounts Receivable II        |
| cmt_det   | PRM - Project Activity Orders |
| cmt_det   | PRM - Project Header          |
| cmt_det   | PRM - Project Structure       |
| cmt_det   | PRM - Subproject              |
| cmt_det   | Product Change Control II     |
| cmt_det   | Purchasing II                 |
| cmt_det   | Sales Orders II               |
| cmt_det   | Sales Quotations II           |
| code_mstr | GTM Master Data               |
| code_mstr | GTM Transactions              |
| cost_cal  | Cost Management I             |
| cp_mstr   | Customers I                   |
| cp_mstr   | Sales Orders I                |
| cp_mstr   | Sales Orders II               |
| cp_mstr   | Sales Quotations I            |
| cp_mstr   | Sales Quotations II           |
| cph_hist  | Customers I                   |
| cph_hist  | Sales Analysis                |
| cr_mstr   | General Ledger Master II      |
| cs_mstr   | Cost Management I             |
| cs_mstr   | Cost Management II            |
| cs_mstr   | Operations Planning I         |
| csbd_det  | Accounts Payable II           |
| ct_mstr   | Customers II                  |
| ct_mstr   | PRM – Project Header          |
| ct_mstr   | PRM – Subproject              |
| ct_mstr   | Purchasing I                  |

Table 3.1 — Cross-Reference of Database Files — (Page 5 of 25)

| <b>File Name</b> | <b>Diagram Name</b>       |
|------------------|---------------------------|
| ct_mstr          | Sales Orders I            |
| ct_mstr          | Sales Quotations I        |
| ct_mstr          | Vendors (Suppliers)       |
| ctd_det          | Customers II              |
| ctd_det          | Vendors (Suppliers)       |
| ctry_mstr        | GTM Master Data           |
| cu_mstr          | Customers V               |
| cu_mstr          | Freight Charges II        |
| cu_mstr          | Multicurrency I           |
| cu_mstr          | Multicurrency II          |
| df_mstr          | Shipping I                |
| dpt_mstr         | Routing Standards         |
| ds_det           | DRP I                     |
| ds_det           | MRP I                     |
| dsd_det          | DRP I                     |
| dsd_det          | MRP II                    |
| dsr_mstr         | DRP I                     |
| dsr_mstr         | DRP II                    |
| dss_mstr         | DRP I                     |
| dy_mstr          | General Ledger Daybooks   |
| dyd_mstr         | General Ledger Daybooks   |
| ecd_det          | Product Change Control II |
| ecd_det          | Product Structure         |
| ecd1_det         | Product Change Control II |
| ecd2_det         | Product Change Control II |
| ecd3_det         | Product Change Control II |
| ecd4_det         | Product Change Control II |
| ecm_mstr         | Product Change Control I  |
| ecm_mstr         | Product Change Control II |
| ecm_mstr         | Product Structure         |
| egd_det          | SSM – Engineers I         |
| egs_det          | SSM – Call Tracking III   |

Table 3.1 — Cross-Reference of Database Files — (Page 6 of 25)

| File Name | Diagram Name                  |
|-----------|-------------------------------|
| egs_det   | SSM – Engineers II            |
| egt_mstr  | SSM – Call Tracking III       |
| egt_mstr  | SSM – Engineers II            |
| elg_hist  | Q/LinQ I                      |
| elg_hist  | Q/LinQ II                     |
| emap_det  | Q/LinQ II                     |
| emg_msg   | Q/LinQ II                     |
| emp_mstr  | SSM – Engineers II            |
| emp_mstr  | Work Orders                   |
| en_mstr   | General Ledger Master I       |
| en_mstr   | General Ledger Transactions   |
| eng_mstr  | PRM – Project Activity Orders |
| eng_mstr  | PRM – Project Header          |
| eng_mstr  | PRM – Subproject              |
| eng_mstr  | SSM – Call Activity Recording |
| eng_mstr  | SSM – Call Tracking III       |
| eng_mstr  | SSM – Engineers I             |
| eng_mstr  | SSM – Engineers II            |
| eng_mstr  | SSM – Installed Base          |
| eraw_det  | Q/LinQ II                     |
| es_mstr   | SSM – Call Tracking I         |
| esh_mstr  | SSM – Engineers I             |
| esp_mstr  | Q/LinQ I                      |
| ess_mstr  | SSM – Engineers I             |
| eu_mstr   | Addresses                     |
| eu_mstr   | Customers IV                  |
| eu_mstr   | PRM – Project Header          |
| eu_mstr   | SSM – Call Tracking I         |
| eu_mstr   | SSM – Installed Base          |
| eu_mstr   | SSM – RMA I                   |
| eu_mstr   | SSM – Service Contracts I     |
| eud_det   | SSM – Installed Base          |

Table 3.1 — Cross-Reference of Database Files — (Page 7 of 25)

| <b>File Name</b> | <b>Diagram Name</b>     |
|------------------|-------------------------|
| exc_mstr         | Multicurrency II        |
| excd_det         | Multicurrency II        |
| exr_rate         | Multicurrency I         |
| fa_mstr          | Fixed Assets II         |
| fa_mstr          | Fixed Assets III        |
| faadj_mstr       | Fixed Assets III        |
| fab_det          | Fixed Assets I          |
| fab_det          | Fixed Assets III        |
| faba_det         | Fixed Assets III        |
| fabch_mstr       | Fixed Assets II         |
| fabchd_det       | Fixed Assets II         |
| fabd_det         | Fixed Assets III        |
| fabk_mstr        | Fixed Assets I          |
| facd_det         | Fixed Assets II         |
| faci_cal         | Fixed Assets I          |
| facis_mstr       | Fixed Assets II         |
| fad_det          | Fixed Assets III        |
| fadf_mstr        | Fixed Assets I          |
| fadf_mstr        | Fixed Assets II         |
| faloc_mstr       | Fixed Assets II         |
| faloc_mstr       | Fixed Assets III        |
| famt_mstr        | Fixed Assets I          |
| famtd_det        | Fixed Assets I          |
| famtr_mstr       | Fixed Assets I          |
| famtrd_det       | Fixed Assets I          |
| fauop_det        | Fixed Assets III        |
| fc_det           | Forecasting/Planning    |
| fcs_sum          | Forecasting/Planning    |
| fct_mstr         | SSM – Call Tracking I   |
| flp_plan         | Operations Planning II  |
| fm_mstr          | General Ledger Master I |
| fp1_plan         | Operations Planning II  |

Table 3.1 — Cross-Reference of Database Files — (Page 8 of 25)

| File Name | Diagram Name                  |
|-----------|-------------------------------|
| fp2_plan  | Operations Planning II        |
| fp3_plan  | Operations Planning II        |
| fpc_mstr  | PRM – Project Header          |
| fpc_mstr  | PRM – Subproject              |
| fpc_mstr  | SSM – Service Contracts II    |
| fpd_cost  | Operations Planning I         |
| fr_mstr   | Customers V                   |
| fr_mstr   | Freight Charges I             |
| fr_mstr   | Freight Charges II            |
| frcd_det  | Freight Charges II            |
| frd_det   | DRP II                        |
| frm_mstr  | DRP II                        |
| frzd_det  | Freight Charges II            |
| fsc_mstr  | PRM – Project Structure       |
| fsh_mstr  | SSM – Engineers I             |
| fsp1_plan | Operations Planning II        |
| fsp2_pln  | Operations Planning II        |
| fsp3_pln  | Operations Planning II        |
| ft_mstr   | Customers V                   |
| ft_mstr   | Freight Charges I             |
| fwk_mstr  | PRM – Project Activity Orders |
| fwk_mstr  | PRM – Project Structure       |
| fwk_mstr  | PRM – Subproject              |
| fwk_mstr  | SSM – Call Activity Recording |
| fwk_mstr  | SSM – Call Tracking II        |
| gl_ctrl   | Multicurrency I               |
| glc_cal   | General Ledger Transactions   |
| glcd_det  | General Ledger Transactions   |
| glt_det   | General Ledger Daybooks       |
| glt_det   | General Ledger Transactions   |
| glt_det   | Inventory II                  |
| glt_det   | Work Orders                   |

Table 3.1 — Cross-Reference of Database Files — (Page 9 of 25)

| <b>File Name</b> | <b>Diagram Name</b>         |
|------------------|-----------------------------|
| gltr_hist        | General Ledger Transactions |
| ib_det           | SSM – Installed Base        |
| ibh_hist         | Invoice History I           |
| idh_hist         | APM API – Invoice History   |
| idh_hist         | Invoice History I           |
| idh_hist         | Invoice History II          |
| idh_hist         | Self-Billing                |
| idhr_hist        | APM API – Invoice History   |
| idhr_hist        | Invoice History II          |
| ifs_mstr         | Q/LinQ I                    |
| ih_hist          | Accounts Receivable I       |
| ih_hist          | APM API – Invoice History   |
| ih_hist          | Customers III               |
| ih_hist          | Invoice History I           |
| ih_hist          | Invoice History II          |
| ih_hist          | Sales Orders I              |
| ih_hist          | Salesperson II              |
| ih_hist          | Self-Billing                |
| ihr_hist         | APM API – Invoice History   |
| ihr_hist         | Invoice History II          |
| ilg_hist         | Q/LinQ I                    |
| ilg_hist         | Q/LinQ III                  |
| im_mstr          | Shipping I                  |
| im_mstr          | Shipping II                 |
| imap_det         | Q/LinQ III                  |
| img_msg          | Q/LinQ III                  |
| in_mstr          | Cost Management I           |
| in_mstr          | Cost Management II          |
| in_mstr          | Inventory I                 |
| in_mstr          | Inventory II                |
| in_mstr          | Operations Planning I       |
| in_mstr          | Operations Planning II      |

Table 3.1 — *Cross-Reference of Database Files* — (Page 10 of 25)

| File Name | Diagram Name                  |
|-----------|-------------------------------|
| ins_mstr  | PRM – Invoicing               |
| insd_det  | PRM – Invoicing               |
| ip_mstr   | Item Specification            |
| ip_mstr   | Quality Management            |
| ipd_det   | Item Specification            |
| ipd_det   | Product Change Control II     |
| iraw_det  | Q/LinQ III                    |
| is_mstr   | Inventory I                   |
| isb_mstr  | PRM – Project Activity Orders |
| isb_mstr  | SSM – Call Tracking I         |
| isb_mstr  | SSM – Call Tracking III       |
| isb_mstr  | SSM – Installed Base          |
| isb_mstr  | SSM – Service Contracts I     |
| isd_det   | Inventory I                   |
| isp_mstr  | Q/LinQ I                      |
| iss_mstr  | SSM – Installed Base          |
| itm_det   | SSM – Call Activity Recording |
| itm_det   | SSM – Call Invoice Recording  |
| itm_det   | SSM – Call Tracking III       |
| its_mstr  | Operations Planning I         |
| itsd_det  | Operations Planning I         |
| kbc_ctrl  | Kanban Sizing                 |
| kbmd_mstr | Kanban Sizing                 |
| kbpp_mstr | Kanban Sizing                 |
| knb_mstr  | Kanban Sizing                 |
| knbd_det  | Kanban Sizing                 |
| lad_det   | Inventory II                  |
| lad_det   | Sales Orders II               |
| lad_det   | Work Orders                   |
| ld_det    | Inventory I                   |
| ld_det    | Inventory II                  |
| ld_det    | Quality Orders                |

Table 3.1 — Cross-Reference of Database Files — (Page 11 of 25)

| <b>File Name</b> | <b>Diagram Name</b>     |
|------------------|-------------------------|
| lgs_mstr         | Logistics API           |
| lgs_mstr         | Logistics API II        |
| lgsi_det         | Logistics API           |
| lgsi_det         | Logistics API II        |
| ln_mstr          | Repetitive Schedule     |
| lna_det          | Repetitive Schedule     |
| lnd_det          | Repetitive Schedule     |
| loc_mstr         | Inventory I             |
| loc_mstr         | Kanban Sizing           |
| loc_mstr         | PRM – Project Header    |
| loc_mstr         | PRM – Subproject        |
| loc_mstr         | Product Line I          |
| loc_mstr         | SSM – RMA II            |
| ls_mstr          | Addresses               |
| ls_mstr          | Customers IV            |
| ls_mstr          | GTM Master Data         |
| ls_mstr          | Logistics API           |
| ls_mstr          | Logistics API II        |
| ls_mstr          | Salesperson I           |
| ls_mstr          | Vendors (Suppliers)     |
| mp_mstr          | Item Specification      |
| mpd_det          | Item Specification      |
| mph_hist         | Item Specification      |
| mph_hist         | Quality Orders          |
| mrp_det          | Forecasting/Planning    |
| mrp_det          | MRP I                   |
| mrp_det          | MRP II                  |
| msg_mstr         | Configured Messages     |
| mu_mstr          | Multicurrency I         |
| nr_mstr          | Number Range Management |
| nr_mstr          | Shipping I              |
| nrh_hist         | Number Range Management |

Table 3.1 — *Cross-Reference of Database Files* — (Page 12 of 25)

| File Name | Diagram Name                  |
|-----------|-------------------------------|
| oa_det    | MRP II                        |
| ocm_mstr  | SSM – Engineers I             |
| op_hist   | WIP Lot Trace I               |
| op_hist   | Work Orders                   |
| opgl_det  | Work Orders                   |
| opm_mstr  | Routing Standards             |
| pc_mstr   | Customers I                   |
| pc_mstr   | SSM – RMA II                  |
| pcl_mstr  | Product Change Control I      |
| pcl_d_det | Product Change Control I      |
| pct_mstr  | Product Change Control I      |
| pfc_det   | Forecasting/Planning          |
| pgh_hist  | SSM – Call Tracking IV        |
| pi_mstr   | APM API – Price Lists         |
| pig_mstr  | APM API – Price Lists         |
| pigc_det  | APM API – Price Lists         |
| pigp_det  | APM API – Price Lists         |
| pj_mstr   | General Ledger Master I       |
| pj_mstr   | General Ledger Master II      |
| pj_mstr   | General Ledger Transactions   |
| pj_mstr   | PRM – Project Header          |
| pjd_det   | PRM – Invoicing               |
| pjd_det   | PRM – Project Header          |
| pjd_det   | PRM – Project Structure       |
| pjd_det   | PRM – Subproject              |
| pjs_mstr  | PRM – Invoicing               |
| pjs_mstr  | PRM – Project Activity Orders |
| pjs_mstr  | PRM – Project Structure       |
| pjs_mstr  | PRM – Subproject              |
| pjsh_hist | PRM – Project Structure       |
| pjsx_det  | PRM – Material Orders         |
| pjsx_det  | PRM – Project Activity Orders |

Table 3.1 — Cross-Reference of Database Files — (Page 13 of 25)

| <b>File Name</b> | <b>Diagram Name</b>         |
|------------------|-----------------------------|
| pjt_mstr         | PRM – Project Header        |
| pjt_mstr         | PRM – Subproject            |
| pl_mstr          | Customers I                 |
| pl_mstr          | Forecasting/Planning        |
| pl_mstr          | PRM – Project Structure     |
| pl_mstr          | PRM – Subproject            |
| pl_mstr          | Product Line I              |
| pl_mstr          | Product Line II             |
| pl_mstr          | Resource Plan               |
| pl_mstr          | Sales Analysis              |
| pld_det          | Product Line I              |
| plsd_det         | Product Line I              |
| plt_det          | Product Line II             |
| po_det           | Global Requisition System   |
| po_mstr          | Accounts Payable I          |
| po_mstr          | EMT – Primary Business Unit |
| po_mstr          | Global Requisition System   |
| po_mstr          | GTM Transactions            |
| po_mstr          | Purchasing I                |
| po_mstr          | Purchasing II               |
| po_mstr          | Supplier Shipping Schedules |
| po_mstr          | Vendors (Suppliers)         |
| pod_det          | EMT – Primary Business Unit |
| pod_det          | GTM Transactions            |
| pod_det          | MRP II                      |
| pod_det          | Purchasing II               |
| pod_det          | Release Management          |
| pod_det          | Supplier Shipping Schedules |
| pp_plan          | Forecasting/Planning        |
| pq_mstr          | Resource Plan               |
| prh_hist         | Accounts Payable I          |
| prh_hist         | Purchasing II               |

Table 3.1 — *Cross-Reference of Database Files* — (Page 14 of 25)

| File Name | Diagram Name                  |
|-----------|-------------------------------|
| prj_mstr  | PRM – Invoicing               |
| prj_mstr  | PRM – Project Activity Orders |
| prj_mstr  | PRM – Project Header          |
| prj_mstr  | PRM – Project Structure       |
| prj_mstr  | PRM – Subproject              |
| ps_mstr   | Product Change Control II     |
| ps_mstr   | Product Structure             |
| ps_mstr   | WIP Lot Trace II              |
| pt_mstr   | Cost Management I             |
| pt_mstr   | Customers I                   |
| pt_mstr   | DRP I                         |
| pt_mstr   | Forecasting/Planning          |
| pt_mstr   | Inventory I                   |
| pt_mstr   | Item Routing                  |
| pt_mstr   | Item Specification            |
| pt_mstr   | Kanban Sizing                 |
| pt_mstr   | Logistics API                 |
| pt_mstr   | Logistics API II              |
| pt_mstr   | Operations Planning I         |
| pt_mstr   | PRM – Project Structure       |
| pt_mstr   | Product Change Control II     |
| pt_mstr   | Product Line I                |
| pt_mstr   | Product Line II               |
| pt_mstr   | Product Structure             |
| pt_mstr   | Purchasing II                 |
| pt_mstr   | Quality Management            |
| pt_mstr   | Quality Orders                |
| pt_mstr   | Repetitive Schedule           |
| pt_mstr   | Resource Plan                 |
| pt_mstr   | Sales Analysis                |
| pt_mstr   | Sales Orders II               |
| pt_mstr   | Sales Quotations II           |

Table 3.1 — Cross-Reference of Database Files — (Page 15 of 25)

| <b>File Name</b> | <b>Diagram Name</b>        |
|------------------|----------------------------|
| pt_mstr          | SSM – Installed Base       |
| pt_mstr          | Vendors (Suppliers)        |
| pt_mstr          | WIP Lot Trace I            |
| pt_mstr          | Work Orders                |
| pth_hist         | Sales Analysis             |
| ptp_det          | Item Routing               |
| ptp_det          | Product Line I             |
| ptr_det          | Item Routing               |
| pts_det          | Product Structure          |
| ptt_det          | Product Line II            |
| qad_wkfl         | Logistics API II           |
| qc_mstr          | Quality Orders             |
| qcd_det          | Quality Orders             |
| qcs_mstr         | Quality Management         |
| qo_mstr          | APM API – Sales Quotations |
| qo_mstr          | Customers III              |
| qo_mstr          | Freight Charges I          |
| qo_mstr          | GTM Transactions           |
| qo_mstr          | Multicurrency II           |
| qo_mstr          | Sales Quotations I         |
| qo_mstr          | Sales Quotations II        |
| qo_mstr          | Salesperson II             |
| qob_det          | Sales Quotations II        |
| qod_det          | APM API – Sales Quotations |
| qod_det          | Freight Charges I          |
| qod_det          | Sales Quotations II        |
| qodr_det         | APM API – Sales Quotations |
| qodr_det         | Sales Quotations II        |
| qor_mstr         | APM API – Sales Quotations |
| qor_mstr         | Sales Quotations II        |
| qps_det          | Quality Management         |
| qr_test          | Quality Orders             |

Table 3.1 — *Cross-Reference of Database Files* — (Page 16 of 25)

| File Name | Diagram Name                 |
|-----------|------------------------------|
| qro_det   | Quality Management           |
| rcc_mstr  | Customer Sequenced Schedules |
| rcc_mstr  | Customer Sequenced Schedules |
| rcsd_det  | Customer Sequenced Schedules |
| rcsx_ref  | Customer Sequenced Schedules |
| reg_mstr  | SSM – Call Tracking II       |
| reg_mstr  | SSM – Engineers I            |
| reg_mstr  | SSM – Installed Base         |
| req_det   | MRP II                       |
| req_det   | Purchasing II                |
| rma_mstr  | Customers III                |
| rma_mstr  | SSM – Call Tracking IV       |
| rma_mstr  | SSM – RMA I                  |
| rma_mstr  | SSM – RMA II                 |
| rma_mstr  | Vendors (Suppliers)          |
| rmd_det   | SSM – RMA I                  |
| rmd_mstr  | Multicurrency II             |
| ro_det    | Cost Management II           |
| ro_det    | Item Routing                 |
| ro_det    | Item Specification           |
| ro_det    | Product Change Control II    |
| ro_det    | Routing Standards            |
| ro_det    | WIP Lot Trace II             |
| rps_mstr  | MRP I                        |
| rps_mstr  | Repetitive Schedule          |
| rq_mstr   | Operations Planning I        |
| rq_mstr   | Resource Plan                |
| rqa_mstr  | Global Requisition System    |
| rqc_mstr  | Global Requisition System    |
| rqcd_det  | Global Requisition System    |
| rqd_det   | Global Requisition System    |
| rqda_det  | Global Requisition System    |

Table 3.1 — Cross-Reference of Database Files — (Page 17 of 25)

| <b>File Name</b> | <b>Diagram Name</b>        |
|------------------|----------------------------|
| rqh_hist         | Global Requisition System  |
| rqj_mstr         | Global Requisition System  |
| rqj_mstr         | Global Requisition System  |
| rqm_det          | Customer Scheduled Orders  |
| rqm_mstr         | Global Requisition System  |
| rqpo_ref         | Global Requisition System  |
| rs_mstr          | Operations Planning I      |
| rs_mstr          | Resource Plan              |
| rsd_det          | Resource Plan              |
| rst_mstr         | Product Change Control I   |
| rst_d_det        | Product Change Control I   |
| rsu_mstr         | Product Change Control I   |
| rsud_det         | Product Change Control I   |
| sa_mstr          | Salesperson I              |
| sa_mstr          | SSM – Call Tracking I      |
| sa_mstr          | SSM – Coverage Limits      |
| sa_mstr          | SSM – Coverage Limits      |
| sa_mstr          | SSM – RMA I                |
| sa_mstr          | SSM – Service Contracts I  |
| sa_mstr          | SSM – Service Contracts II |
| sad_det          | SSM – Call Tracking I      |
| sad_det          | SSM – Coverage Limits      |
| sad_det          | SSM – Coverage Limits      |
| sad_det          | SSM – Service Contracts I  |
| sal_mstr         | PRM – Project Structure    |
| sal_mstr         | SSM – Coverage Limits      |
| sap_det          | SSM – Service Contracts I  |
| sar_mstr         | SSM – Service Contracts I  |
| sb_mstr          | General Ledger Master II   |
| sbc_mstr         | SSM – Service Contracts II |
| sbi_mstr         | Self-Billing               |
| sbid_det         | Self-Billing               |

Table 3.1 — *Cross-Reference of Database Files* — (Page 18 of 25)

| File Name | Diagram Name                 |
|-----------|------------------------------|
| sc_mstr   | Cost Management I            |
| sc_mstr   | Cost Management II           |
| sca_mstr  | SSM – Service Contracts II   |
| sch_mstr  | Customer Scheduled Orders    |
| sch_mstr  | MRP I                        |
| sch_mstr  | Release Management           |
| sched_det | Customer Scheduled Orders    |
| sched_det | Release Management           |
| sct_det   | Cost Management I            |
| sct_det   | Cost Management II           |
| sdt_mstr  | Supplier Shipping Schedules  |
| sdt_det   | Supplier Shipping Schedules  |
| seq_mstr  | Repetitive Schedule          |
| sfb_det   | PRM – Invoicing              |
| sfb_det   | SSM – Call Invoice Recording |
| sg_mstr   | Shipping II                  |
| sgad_det  | Shipping II                  |
| sgcd_det  | Shipping II                  |
| sgid_det  | Shipping I                   |
| sgid_det  | Shipping II                  |
| shd_det   | DRP II                       |
| shft_det  | Routing Standards            |
| shm_mstr  | DRP II                       |
| shop_cal  | Routing Standards            |
| si_mstr   | Cost Management I            |
| si_mstr   | Customers V                  |
| si_mstr   | DRP I                        |
| si_mstr   | DRP II                       |
| si_mstr   | Forecasting/Planning         |
| si_mstr   | Freight Charges II           |
| si_mstr   | Inventory I                  |
| si_mstr   | Item Routing                 |

Table 3.1 — Cross-Reference of Database Files — (Page 19 of 25)

| <b>File Name</b> | <b>Diagram Name</b>          |
|------------------|------------------------------|
| si_mstr          | Kanban Sizing                |
| si_mstr          | Logistics API                |
| si_mstr          | Logistics API II             |
| si_mstr          | Operations Planning I        |
| si_mstr          | PRM – Project Header         |
| si_mstr          | PRM – Subproject             |
| si_mstr          | Product Line I               |
| si_mstr          | Quality Orders               |
| si_mstr          | Repetitive Schedule          |
| si_mstr          | Resource Plan                |
| si_mstr          | Routing Standards            |
| si_mstr          | Sales Analysis               |
| si_mstr          | Shipping I                   |
| si_mstr          | SSM – Engineers II           |
| si_mstr          | SSM – RMA I                  |
| si_mstr          | SSM – Service Contracts II   |
| si_site          | Work Orders                  |
| sim_det          | Shipping I                   |
| six_ref          | Self-Billing                 |
| so_mstr          | Accounts Receivable I        |
| so_mstr          | APM API – Sales Orders       |
| so_mstr          | Customer Scheduled Orders    |
| so_mstr          | Customer Sequenced Schedules |
| so_mstr          | Customers III                |
| so_mstr          | EMT – Primary Business Unit  |
| so_mstr          | Freight Charges I            |
| so_mstr          | GTM Transactions             |
| so_mstr          | Invoice History I            |
| so_mstr          | Logistics API                |
| so_mstr          | Logistics API II             |
| so_mstr          | PRM – Invoicing              |
| so_mstr          | PRM – Material Orders        |

Table 3.1 — *Cross-Reference of Database Files* — (Page 20 of 25)

| File Name | Diagram Name                  |
|-----------|-------------------------------|
| so_mstr   | Product Line I                |
| so_mstr   | Sales Orders I                |
| so_mstr   | Sales Orders II               |
| so_mstr   | Sales Orders III              |
| so_mstr   | Sales Quotations I            |
| so_mstr   | Salesperson II                |
| so_mstr   | Self-Billing                  |
| so_mstr   | SSM – Call Activity Recording |
| so_mstr   | SSM – Call Invoice Recording  |
| so_mstr   | SSM – RMA I                   |
| so_mstr   | SSM – RMA II                  |
| sob_det   | Invoice History I             |
| sob_det   | MRP I                         |
| sob_det   | Sales Orders II               |
| sod_det   | APM API – Sales Orders        |
| sod_det   | Customer Scheduled Orders     |
| sod_det   | Customer Sequenced Schedules  |
| sod_det   | EMT – Primary Business Unit   |
| sod_det   | EMT – Secondary Business Unit |
| sod_det   | Freight Charges I             |
| sod_det   | GTM Transactions              |
| sod_det   | Inventory II                  |
| sod_det   | Invoice History I             |
| sod_det   | MRP I                         |
| sod_det   | PRM – Invoicing               |
| sod_det   | PRM – Material Orders         |
| sod_det   | Release Management            |
| sod_det   | Sales Orders II               |
| sod_det   | Sales Orders III              |
| sod_det   | Self-Billing                  |
| sod_det   | SSM – Call Activity Recording |
| sod_det   | SSM – Call Invoice Recording  |

Table 3.1 — Cross-Reference of Database Files — (Page 21 of 25)

| File Name | Diagram Name               |
|-----------|----------------------------|
| sod_det   | SSM – RMA I                |
| sodr_det  | APM API – Sales Orders     |
| sodr_det  | Sales Orders III           |
| sop_det   | Cost Management II         |
| sor_mstr  | APM API – Sales Orders     |
| sor_mstr  | Sales Orders III           |
| sp_mstr   | Accounts Receivable I      |
| sp_mstr   | Addresses                  |
| sp_mstr   | Customers I                |
| sp_mstr   | PRM – Project Header       |
| sp_mstr   | PRM – Subproject           |
| sp_mstr   | Sales Analysis             |
| sp_mstr   | Sales Orders I             |
| sp_mstr   | Sales Quotations I         |
| sp_mstr   | Salesperson I              |
| sp_mstr   | Salesperson II             |
| sp_mstr   | SSM – Service Contracts II |
| spd_det   | Customers I                |
| spd_det   | Salesperson I              |
| sph_hist  | Sales Analysis             |
| sph_hist  | Salesperson I              |
| spt_det   | Cost Management I          |
| spt_det   | Cost Management II         |
| sro_mstr  | Customers II               |
| srr_mstr  | SSM – Call Tracking II     |
| ssd_det   | DRP II                     |
| ssm_mstr  | DRP II                     |
| sv_mstr   | SSM – Coverage Limits      |
| sv_mstr   | SSM – Coverage Limits      |
| sv_mstr   | SSM – RMA I                |
| sv_mstr   | SSM – Service Contracts II |
| swc_det   | Cost Management II         |

Table 3.1 — Cross-Reference of Database Files — (Page 22 of 25)

| File Name | Diagram Name                |
|-----------|-----------------------------|
| tag_mstr  | Inventory I                 |
| tax_mstr  | Customers IV                |
| taxd_det  | Customers IV                |
| tm_mstr   | DRP II                      |
| tr_hist   | Accounts Receivable II      |
| tr_hist   | Inventory II                |
| tr_hist   | Purchasing II               |
| tr_hist   | Sales Orders II             |
| tr_hist   | Salesperson II              |
| tr_hist   | Work Orders                 |
| trgl_det  | Inventory II                |
| trl_mstr  | Freight Charges II          |
| trq_mstr  | EMT – Primary Business Unit |
| tx2_mstr  | GTM Master Data             |
| tx2_mstr  | GTM Transactions            |
| tx2d_det  | GTM Transactions            |
| txbd_det  | GTM Master Data             |
| txbd_det  | GTM Transactions            |
| txe_mstr  | GTM Master Data             |
| txed_det  | GTM Master Data             |
| txhd_det  | GTM Transactions            |
| txz_mstr  | GTM Master Data             |
| tzo_mstr  | SSM – Call Tracking I       |
| tzo_mstr  | SSM – Engineers II          |
| umsg_det  | Configured Messages         |
| vd_mstr   | Accounts Payable I          |
| vd_mstr   | Addresses                   |
| vd_mstr   | Purchasing I                |
| vd_mstr   | SSM – RMA II                |
| vd_mstr   | Vendors (Suppliers)         |
| vec_mstr  | Supplier Performance I      |
| vecd_det  | Supplier Performance I      |

Table 3.1 — Cross-Reference of Database Files — (Page 23 of 25)

| <b>File Name</b> | <b>Diagram Name</b>     |
|------------------|-------------------------|
| vee_mstr         | Supplier Performance I  |
| vef_ctrl         | Supplier Performance I  |
| vep_mstr         | Supplier Performance I  |
| vepd_det         | Supplier Performance I  |
| ver_mstr         | Supplier Performance I  |
| verd_det         | Supplier Performance I  |
| ves_mstr         | Supplier Performance II |
| vesd_det         | Supplier Performance II |
| view_mstr        | Supplier Performance I  |
| vo_mstr          | Accounts Payable I      |
| vo_mstr          | Accounts Payable II     |
| vod_det          | Accounts Payable I      |
| vp_mstr          | Purchasing I            |
| vp_mstr          | Purchasing II           |
| vp_mstr          | Vendors (Suppliers)     |
| vph_hist         | Accounts Payable I      |
| vpo_det          | Accounts Payable I      |
| wc_mstr          | Cost Management II      |
| wc_mstr          | Quality Management      |
| wc_mstr          | Routing Standards       |
| wcr_route        | Routing Standards       |
| wk_mstr          | Routing Standards       |
| wl_mstr          | WIP Lot Trace I         |
| wlbd_det         | WIP Lot Trace II        |
| wlbm_mstr        | WIP Lot Trace II        |
| wld_det          | WIP Lot Trace I         |
| wlrd_det         | WIP Lot Trace II        |
| wlrm_mstr        | WIP Lot Trace II        |
| wlt_mstr         | WIP Lot Trace I         |
| wo_mstr          | Forecasting/Planning    |
| wo_mstr          | Item Specification      |
| wo_mstr          | MRP II                  |

Table 3.1 — *Cross-Reference of Database Files* — (Page 24 of 25)

| File Name | Diagram Name                  |
|-----------|-------------------------------|
| wo_mstr   | PRM – Project Activity Orders |
| wo_mstr   | Repetitive Schedule           |
| wo_mstr   | SSM – Call Activity Recording |
| wo_mstr   | SSM – Call Invoice Recording  |
| wo_mstr   | Work Orders                   |
| wod_det   | Inventory II                  |
| wod_det   | MRP II                        |
| wod_det   | PRM – Project Activity Orders |
| wod_det   | SSM – Call Activity Recording |
| wod_det   | SSM – Call Invoice Recording  |
| wod_det   | Work Orders                   |
| wr_route  | Item Specification            |
| wr_route  | PRM – Project Activity Orders |
| wr_route  | Purchasing II                 |
| wr_route  | SSM – Call Activity Recording |
| wr_route  | SSM – Call Invoice Recording  |
| wr_route  | WIP Lot Trace I               |
| wr_route  | Work Orders                   |

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