

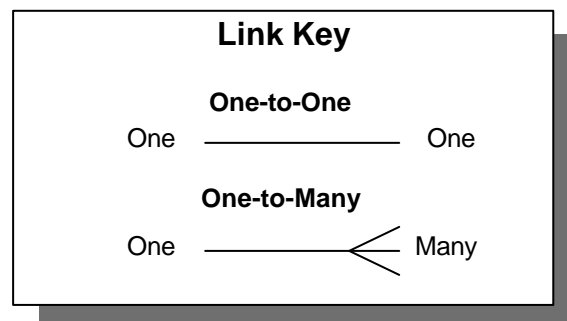
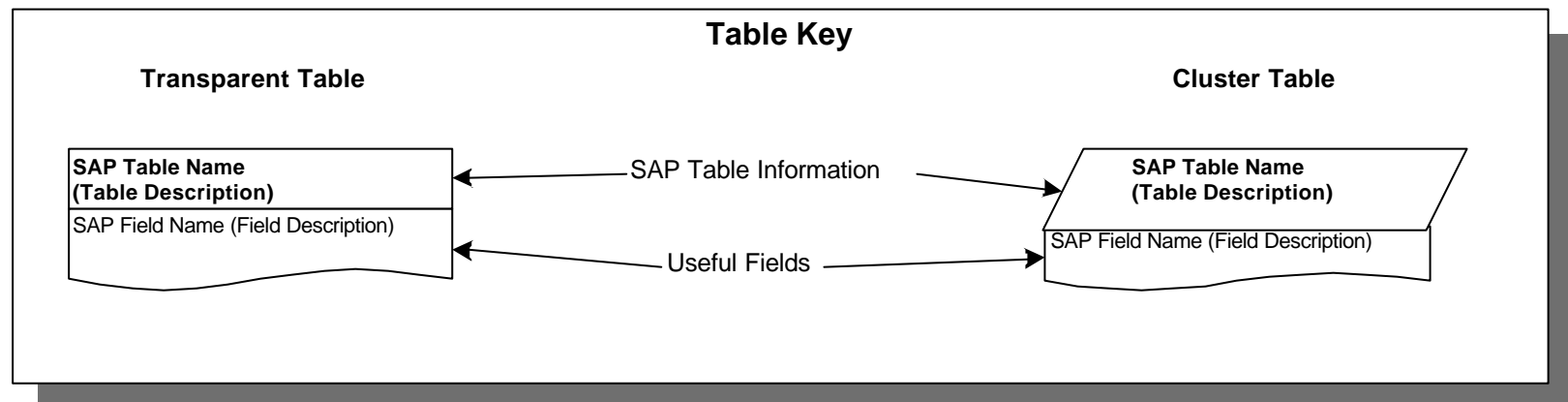
SAP Table Relations

version 1.0.0

compiled by
Christopher Solomon
with
contributions by
various SAP Professionals

How to use this document?

This document displays and describes the relationships and links between the various SAP database tables. These relationships are displayed graphically as described below:



Master Data Tables

CEPC = Profit Center Master Data Table

CSKS = Cost Center Master

KNA1 = Customer Master (General Data)

LFA1 = Vendor Master (General Data)

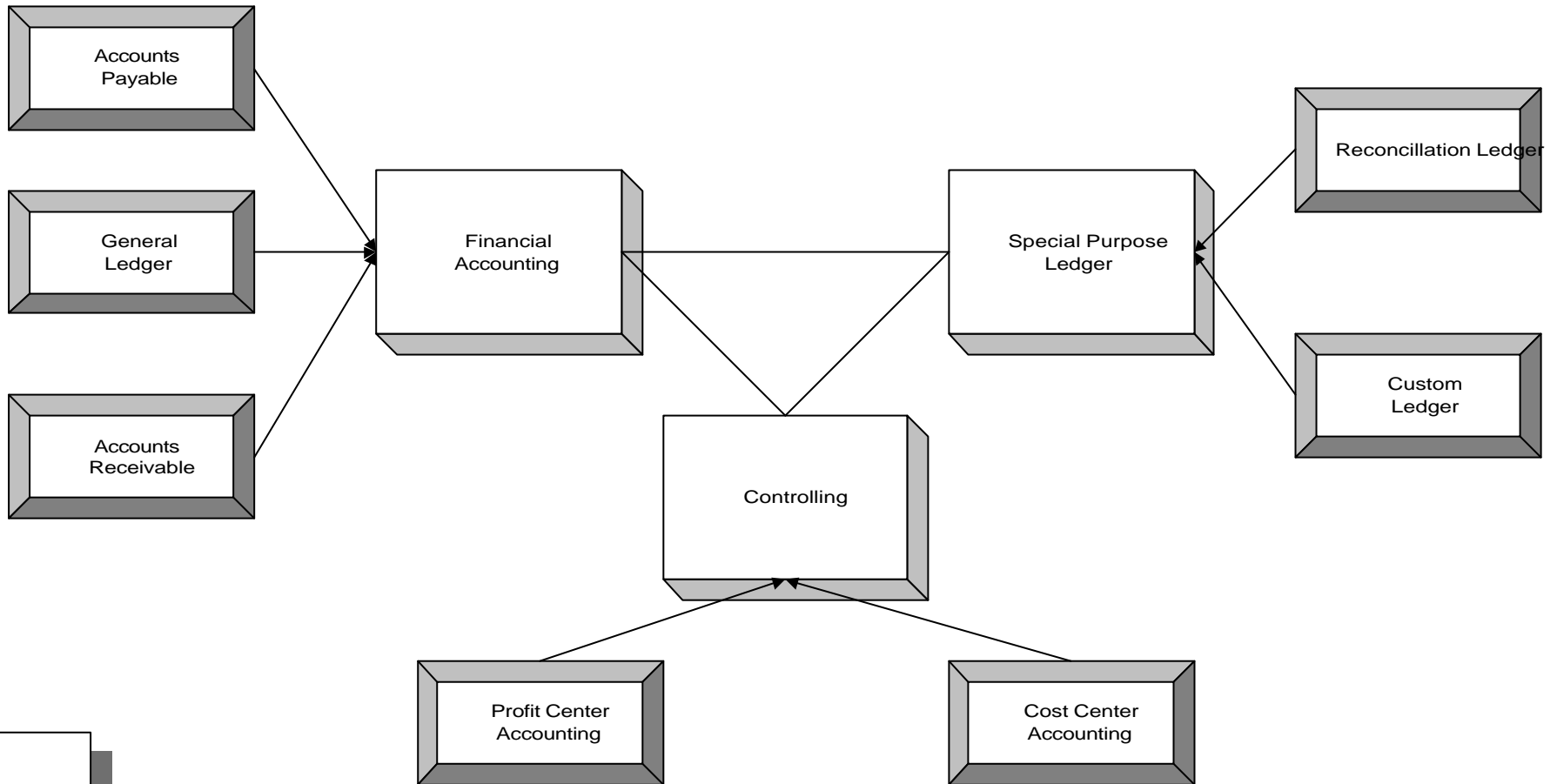
MARA = Material Master (General Data)

SKB1 = G/L Account Master (Company Code)

T001W = Plants/Branches

T001 = Company Codes

SAP - FI/CO

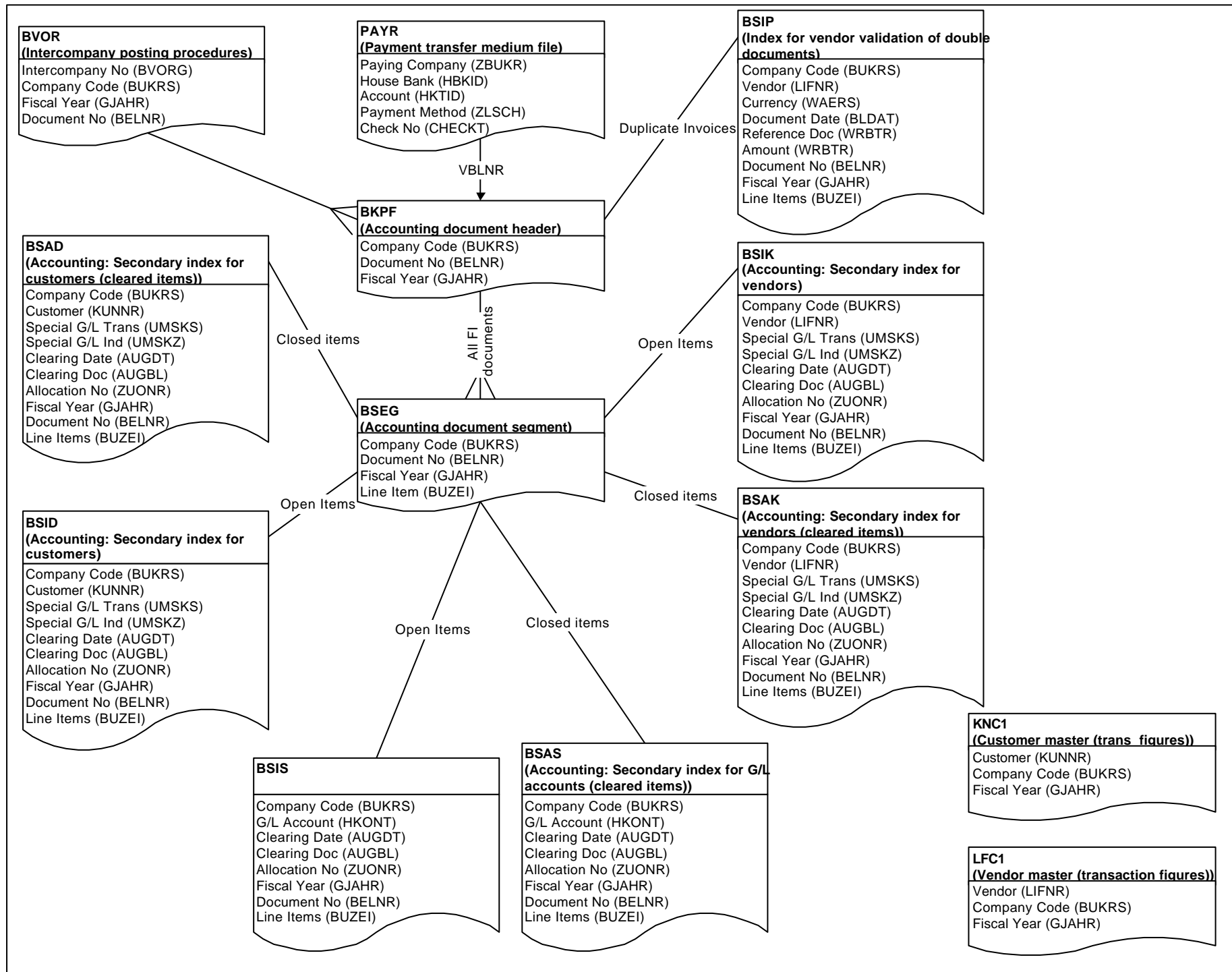


Tables:

BSAD
BSAS
BSEG
BSES
BSIK
BSIS

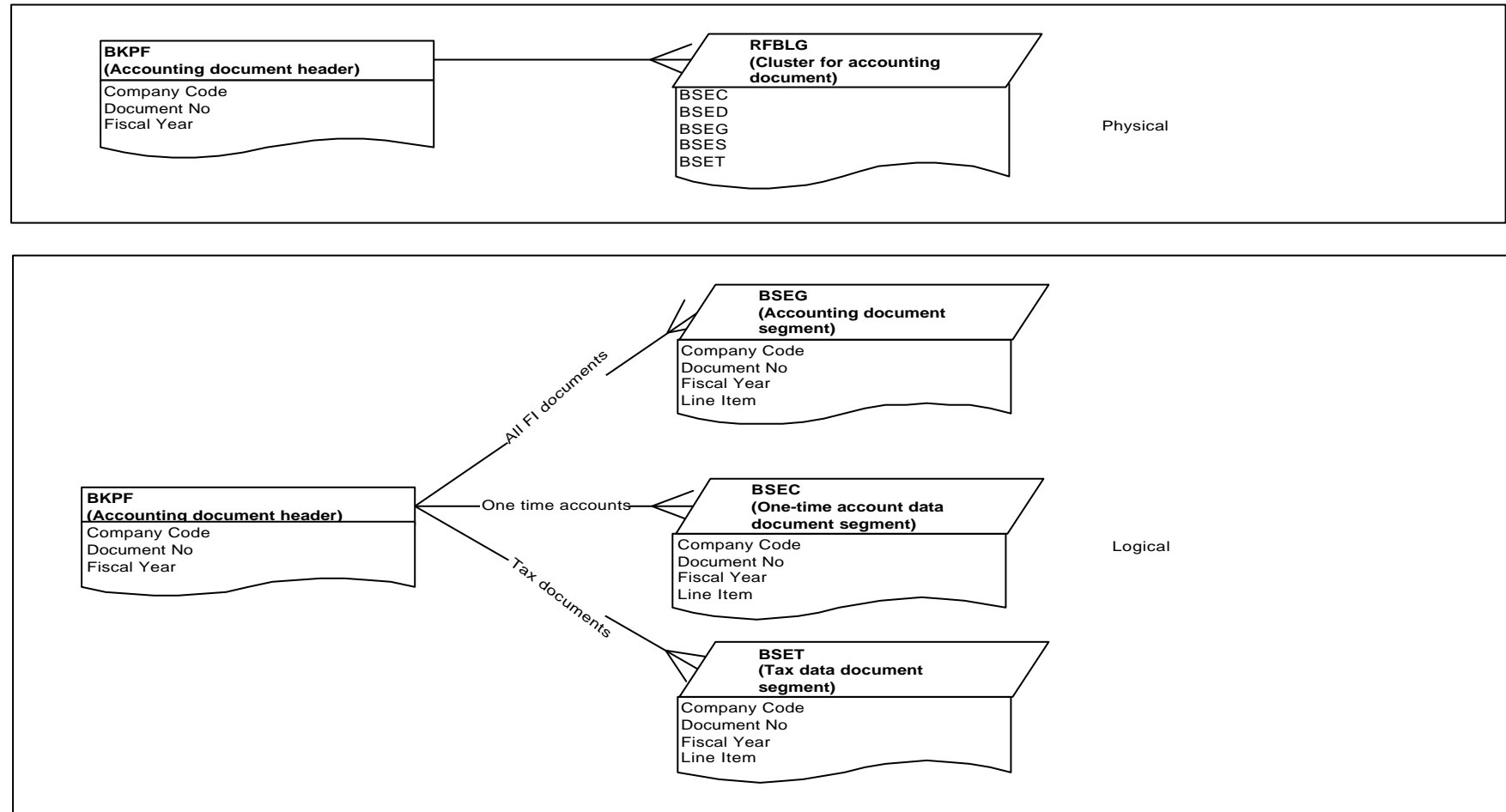
FI/CO

Table Mapping



SAP FI/CO

Financial Accounting



SAP FI/CO

Controlling

Profit Center Accounting

GLPCT (EC-PCA: Totals Table)

Ledger(RLDNR)
Record Type (RRCTY)
Plan Version (RVERS)
Fiscal Year (GJAHR)
Object (ROBJNR)
Object (COBJNR)
Object (SOBJNR)
Currency (RTCUR)
UOM (RUNIT)
Debit/Credit Ind (DRCRX)
Period (RPMAX)

GLPCA (EC-PCA: Actual Line Items)

Record No (GL_SIRID)

GLPCO (EC-PCA: Object Table for Account Assignment Elements)

Object (OBJNR)

GLPCC (EC-PCA: Transaction Attributes)

Object (OBJNR)

ROBJNR

COBJNR

Cost Center Accounting

COSP (CO Object: Cost Totals - External Postings)

Ledger (LEDNR)
Object (J_OBJNR)
Fiscal Year (GJAHR)
Value Type (WRTTP)
Version (VERSN)
Cost Element (KSTAR)
CO Key (HRKFT)
CO Trans (VRGNG)
Trading Part ID (VBUND)
Trading Part BA (PARGB)
Debit/Credit Ind (BEKNZ)
Currency (TWAER)
Period Block (PERBL)

COEP (CO object: period-related line items)

Controlling Area (KOKRS)
Document No (BELNR)
Line Item (BUZEI)

COBK

Controlling Area (KOKRS)
Document No (BELNR)

Special Purpose Ledger

Example of a Custom Ledger

ZZGLO

Object (OBJNR)

ZZGLO

Record No (GL_SIRID)

ZZGLT

Ledger(RLDNR)
Record Type (RRCTY)
Version (RVERS)
Fiscal Year (GJAHR)
Object (ROBJNR)
Object (SOBJNR)
Currency (RTCUR)
UOM (RUNIT)
Debit/Credit Ind (DRCRX)
Period (RPMAX)

ROBJNR

ROBJNR

Reconciliation Ledger

COFIT (Totals records - reconciliation ledger)

Ledger(RLDNR)
Record Type (RRCTY)
Version (RVERS)
Fiscal Year (GJAHR)
Object (ROBJNR)
Object (COBJNR)
Object (SOBJNR)
Currency (RTCUR)
UOM (RUNIT)
Debit/Credit Ind (DRCRX)
Period (RPMAX)

COFIO2 (Transaction-dependent fields for reconciliation ledger)

Object (OBJNR)

COFIO1 (Object Table for Reconciliation Ledger COFIT)

Object (OBJNR)

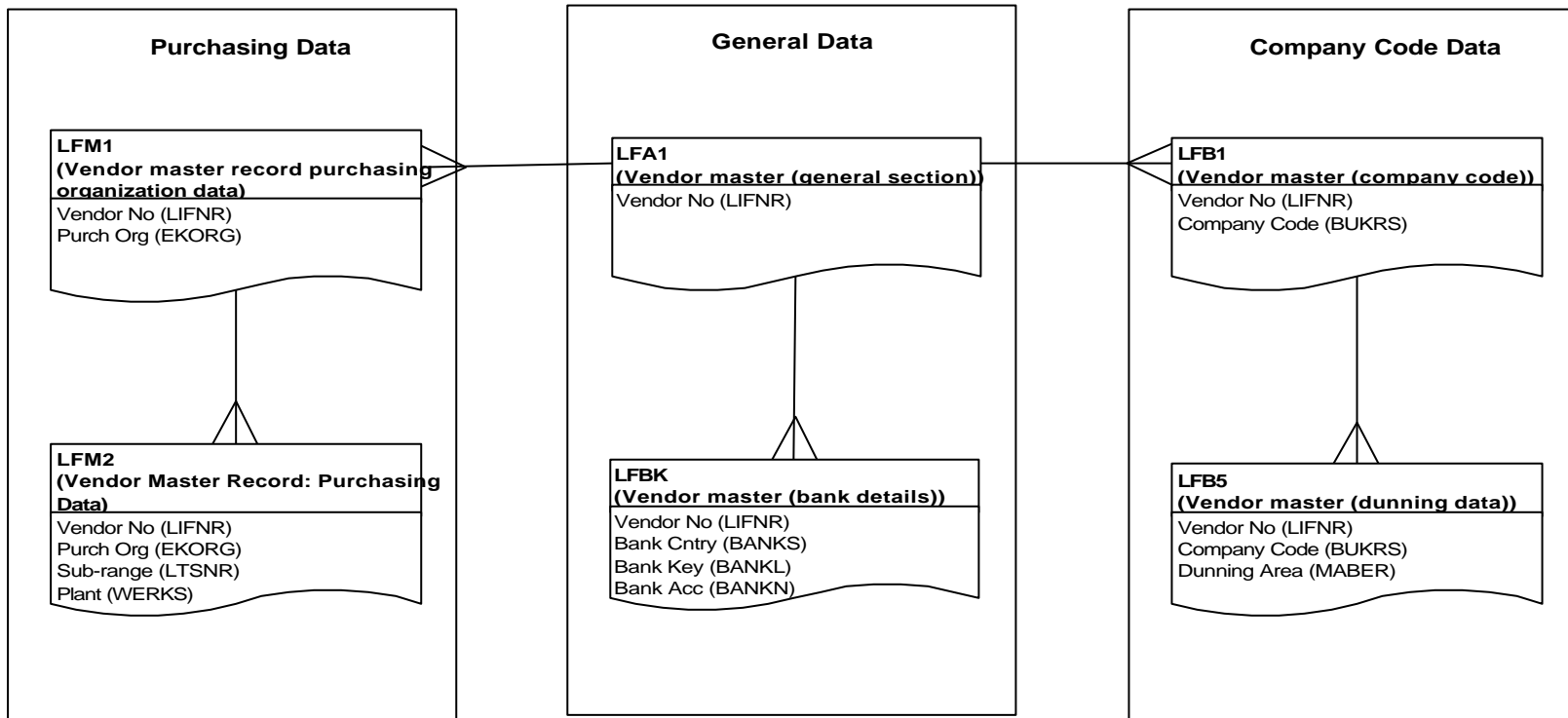
COBJNR

ROBJNR

SAP FI/CO

Accounts Payable

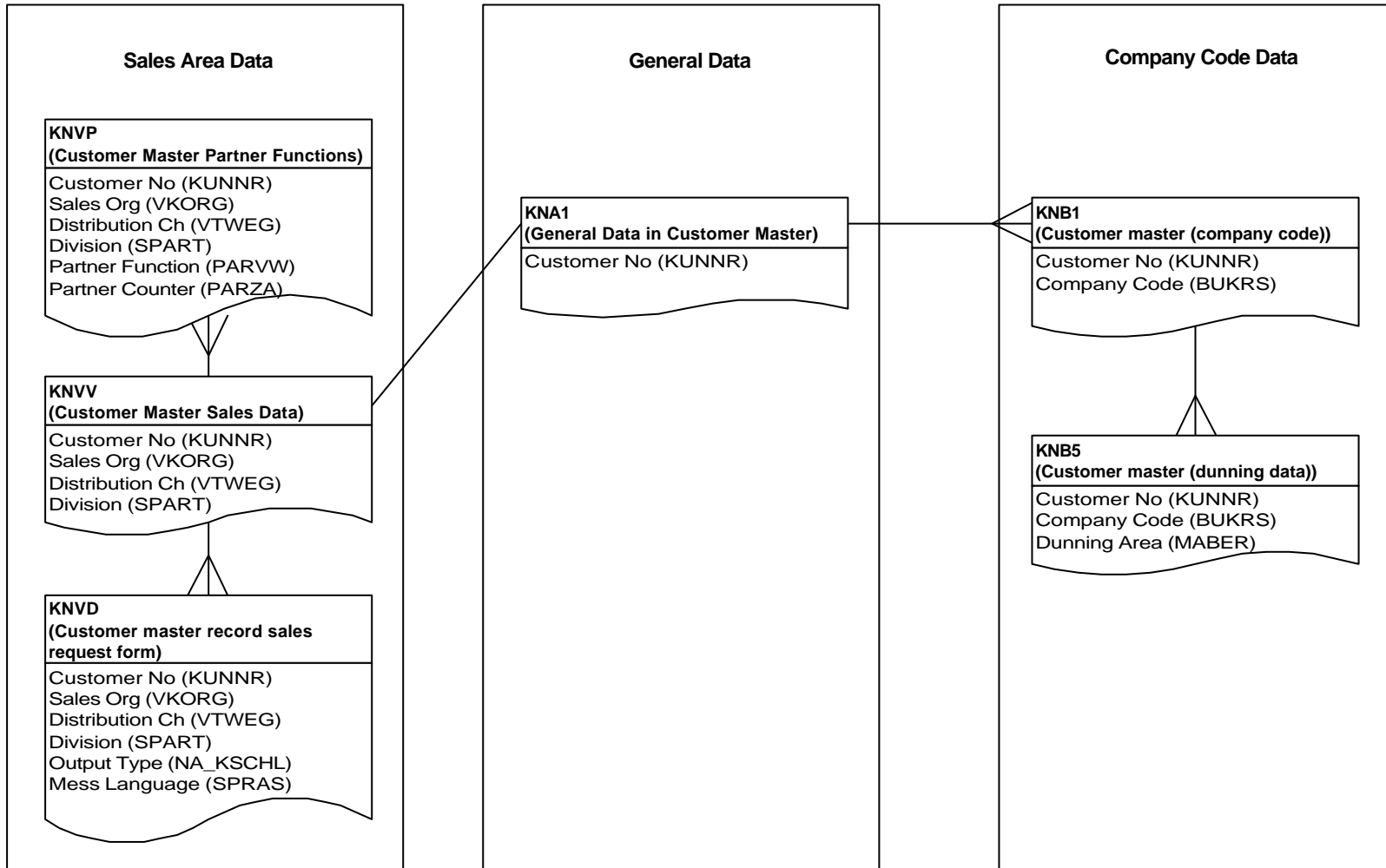
Vendor Master Data



SAP FI/CO

Accounts Receivable

Customer Master Data



SAP FI/CO

Master Data

Profit Center

CEPC (Profit center master data table)
Profit Center (PRCTR)
Valid to Date (DATBI)
Controlling Area (KOKRS)

CEPCT (Texts for Profit Center Master Data)
Language (SPRAS)
Profit Center (PRCTR)
Valid to Date (DATBI)
Controlling Area (KOKRS)

Cost Center

CSKS (Cost center master)
Controlling Area (KOKRS)
Cost Center (KOSTL)
Valid to Date (DATBI)

CSKT (Cost Center Texts)
Language (SPRAS)
Controlling Area (KOKRS)
Cost Center (KOSTL)
Valid to Date (DATBI)

Cost Element

CSKA (Cost elements (data dependent on chart of accounts))
COA (KTOPL)
Cost Element (KSTAR)

CSKB (Cost elements (data dependent on controlling area))
Controlling Area (KOKRS)
COA (KTOPL)
Cost Element (KSTAR)
Valid to Date (DATBI)

CSKU (Cost Element Texts)
Language (SPRAS)
COA (KTOPL)
Cost Element (KSTAR)

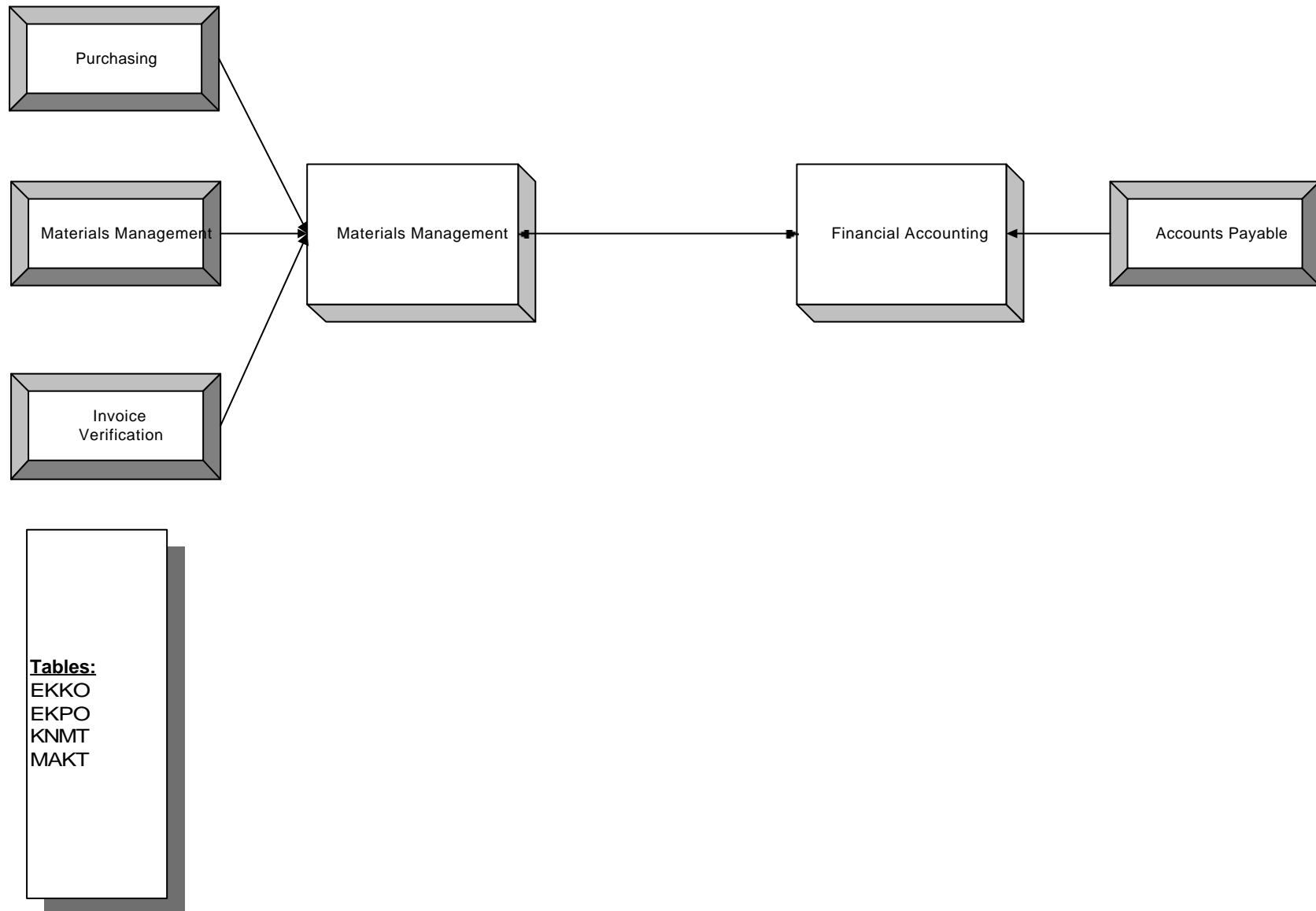
General Ledger

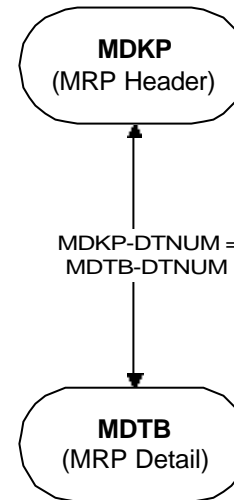
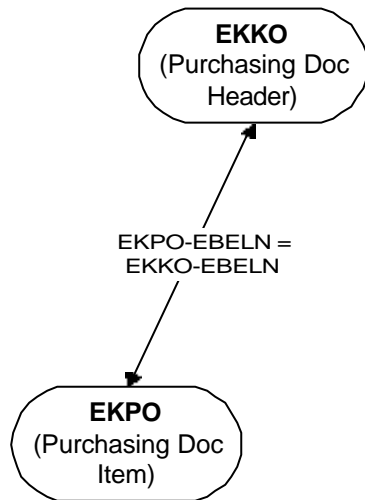
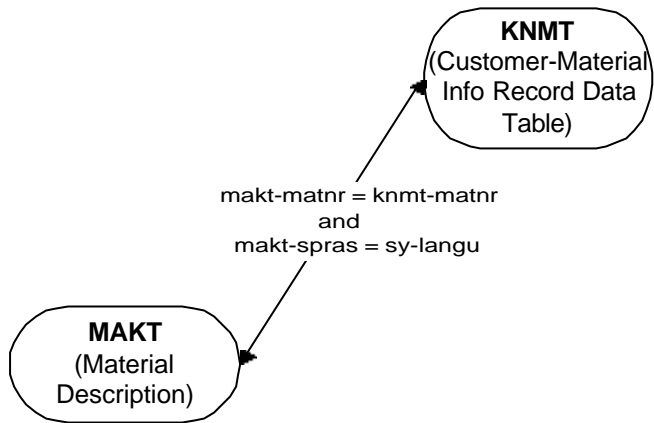
SKB1 (G/L account master (company code))
Company Code (BUKRS)
G/L Account (SAKNR)

SKA1 (G/L accounts master (chart of accounts))
COA (KTOPL)
G/L Account (SAKNR)

SKAT (G/L account master record (chart of accounts: description))
Language (SPRAS)
COA (KTOPL)
G/L Account (SAKNR)

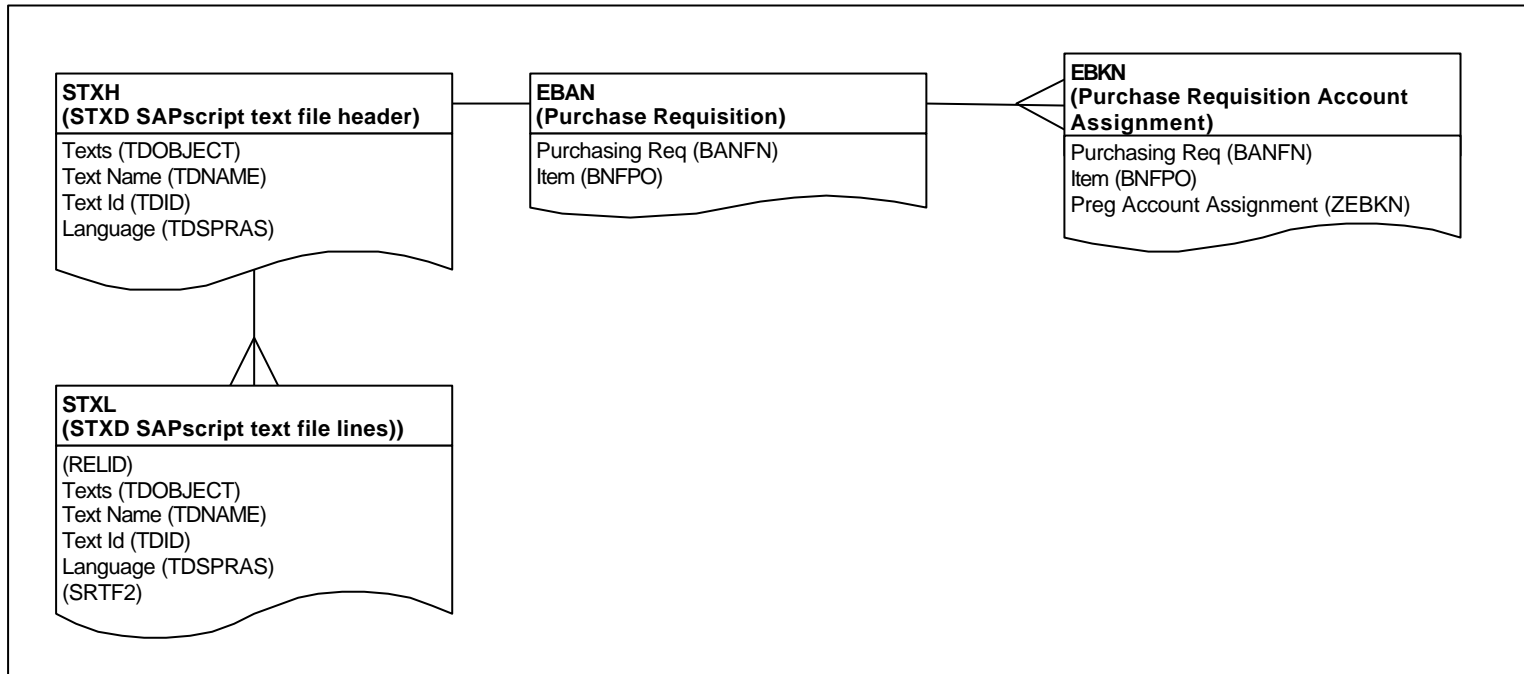
SAP - Materials Management





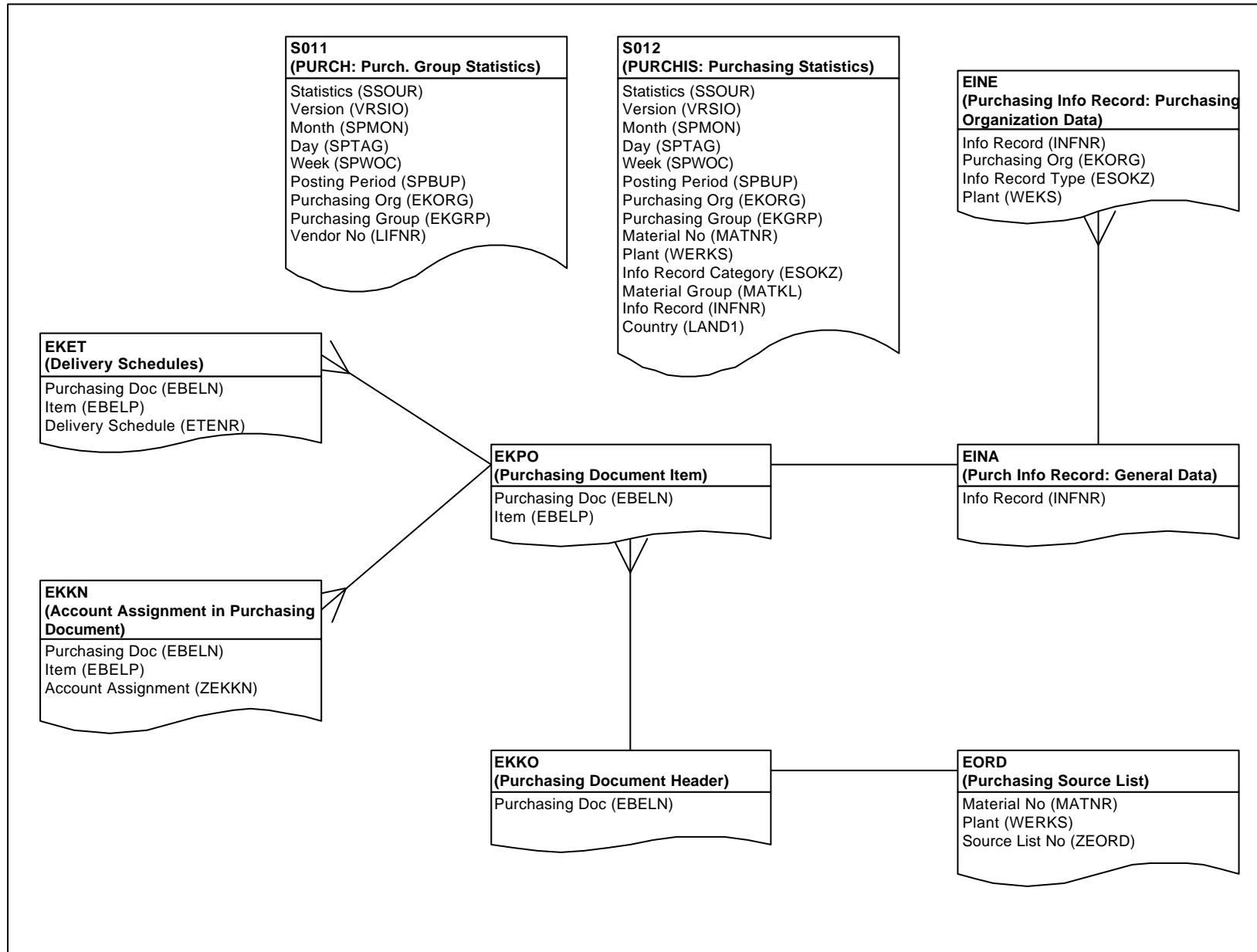
SAP MM - Purchasing

Purchasing Requisition



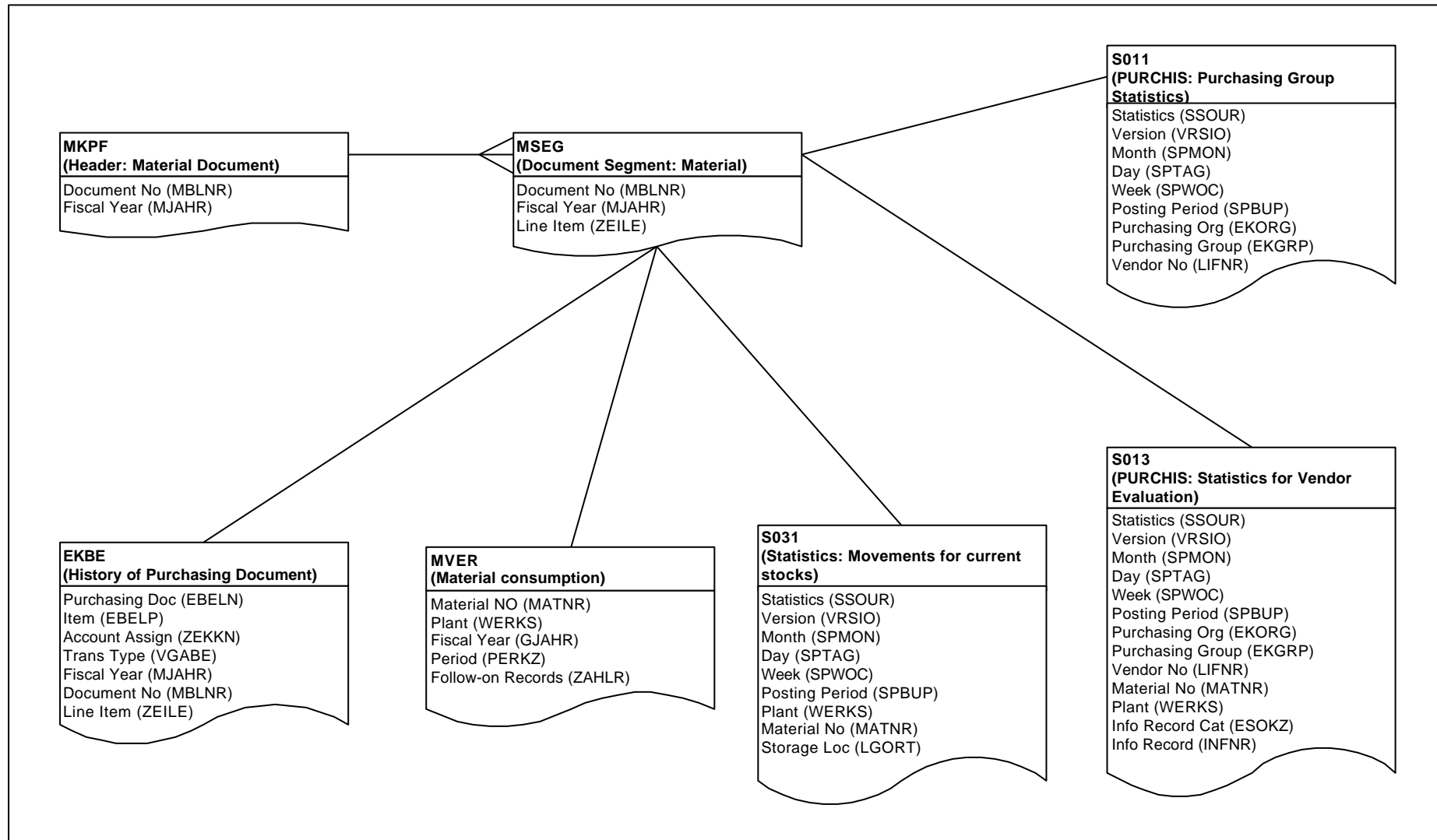
SAP MM - Purchasing

Purchase Orders

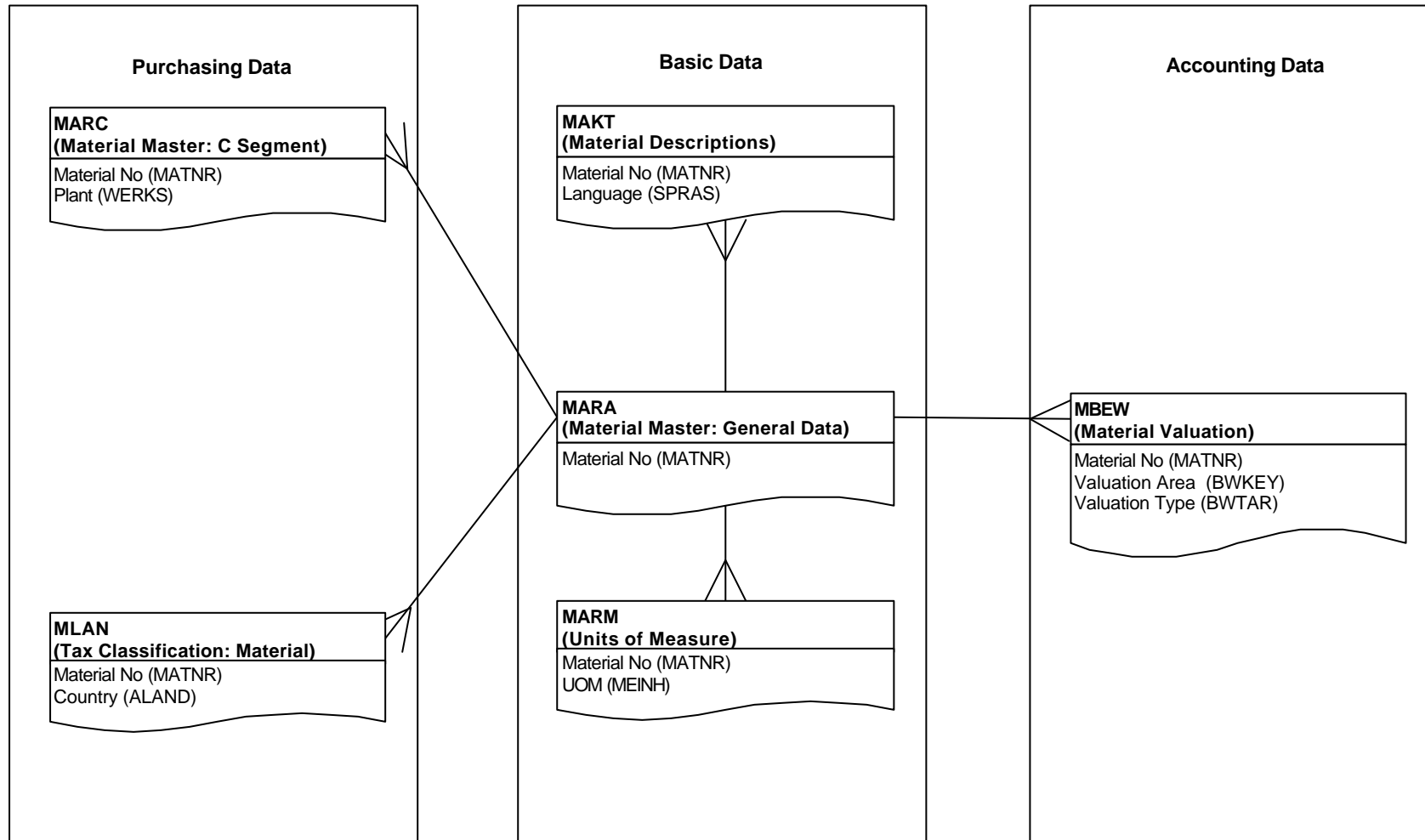


SAP MM - Purchasing

Goods Receipt

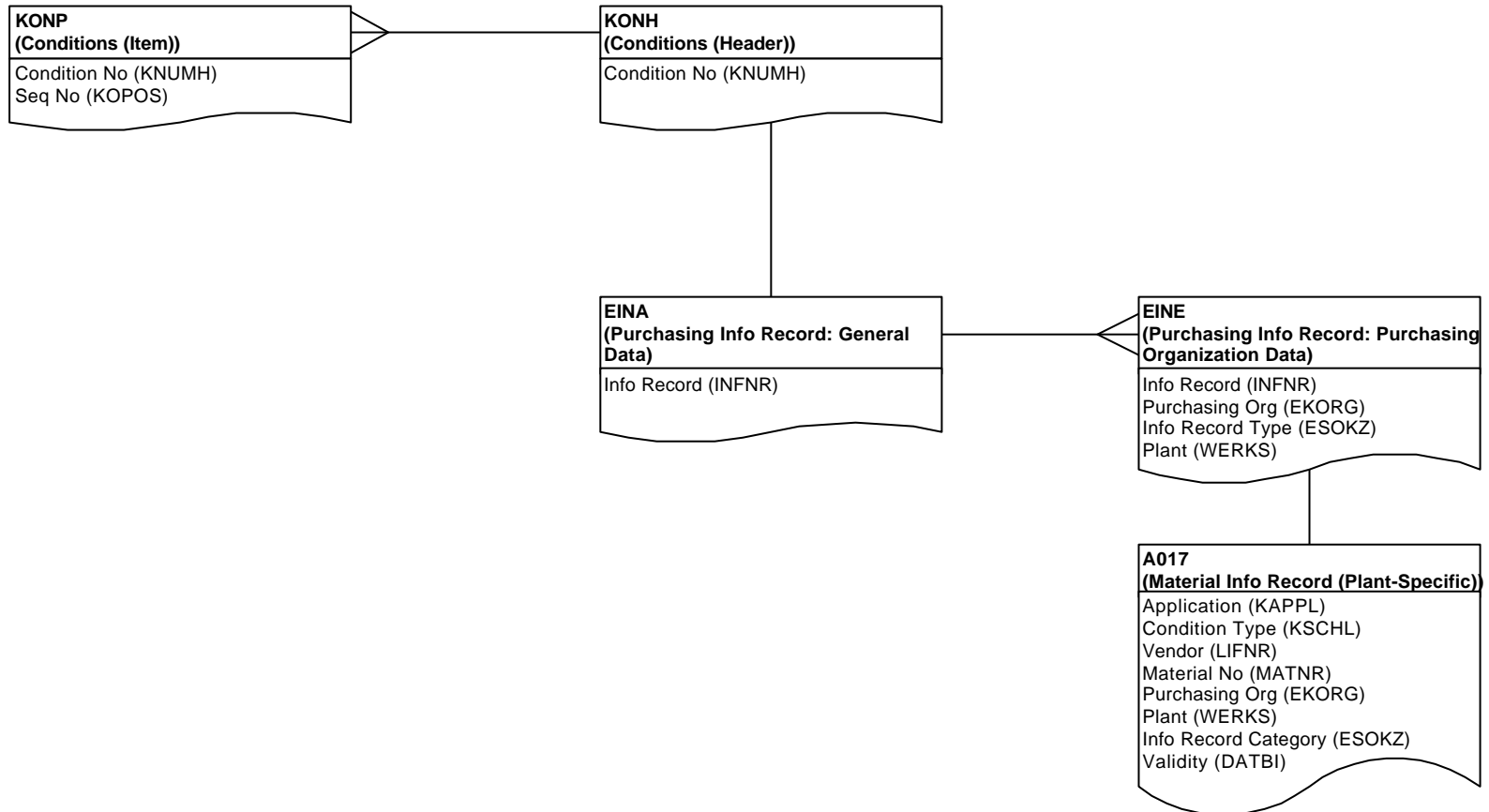


SAP MM - Master Data

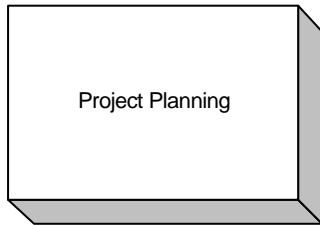


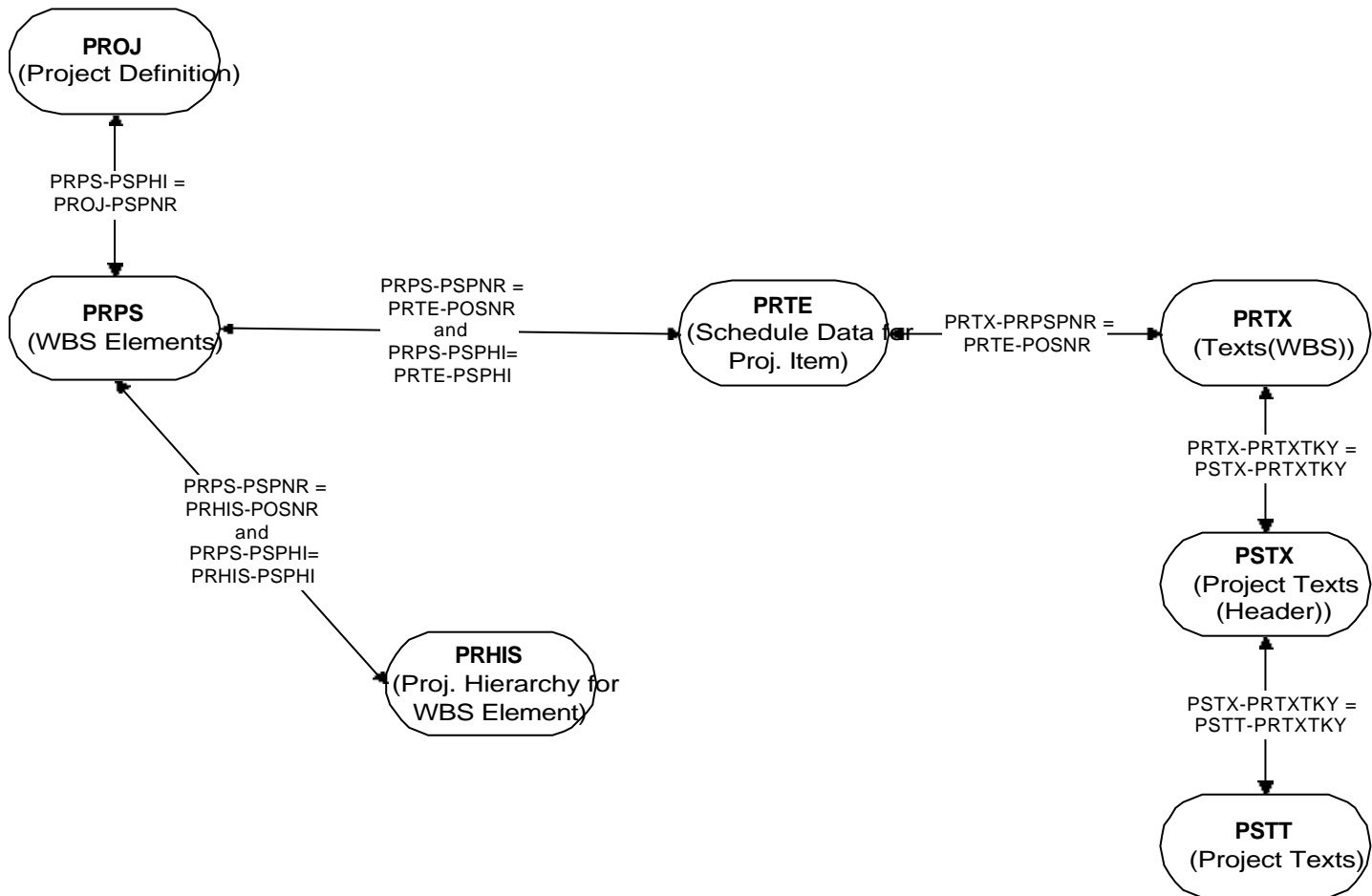
SAP MM - Purchasing

Purchasing Info Record



SAP - Project Planning



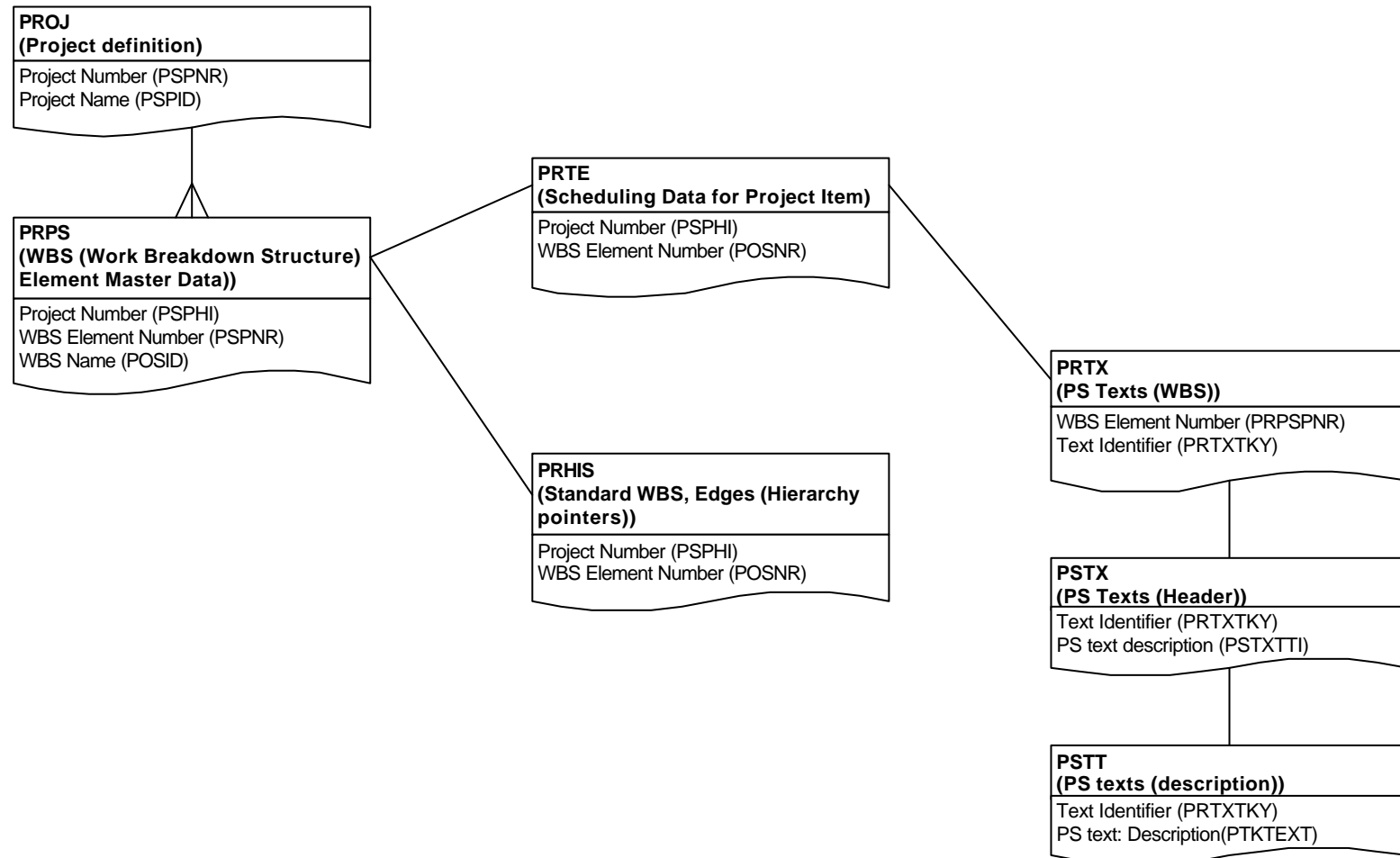


PP
Table Mapping

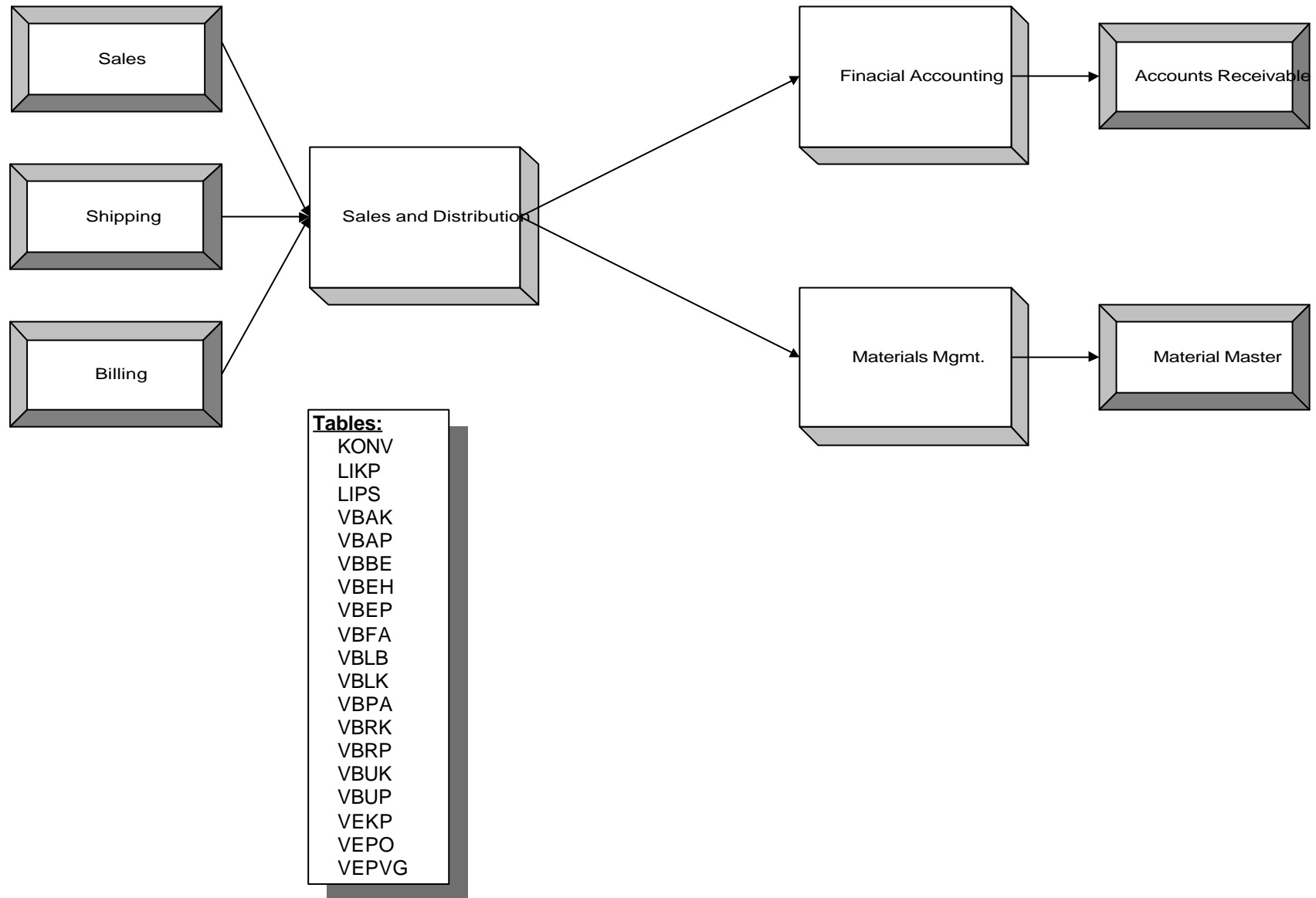
SAP PP - Project Planning

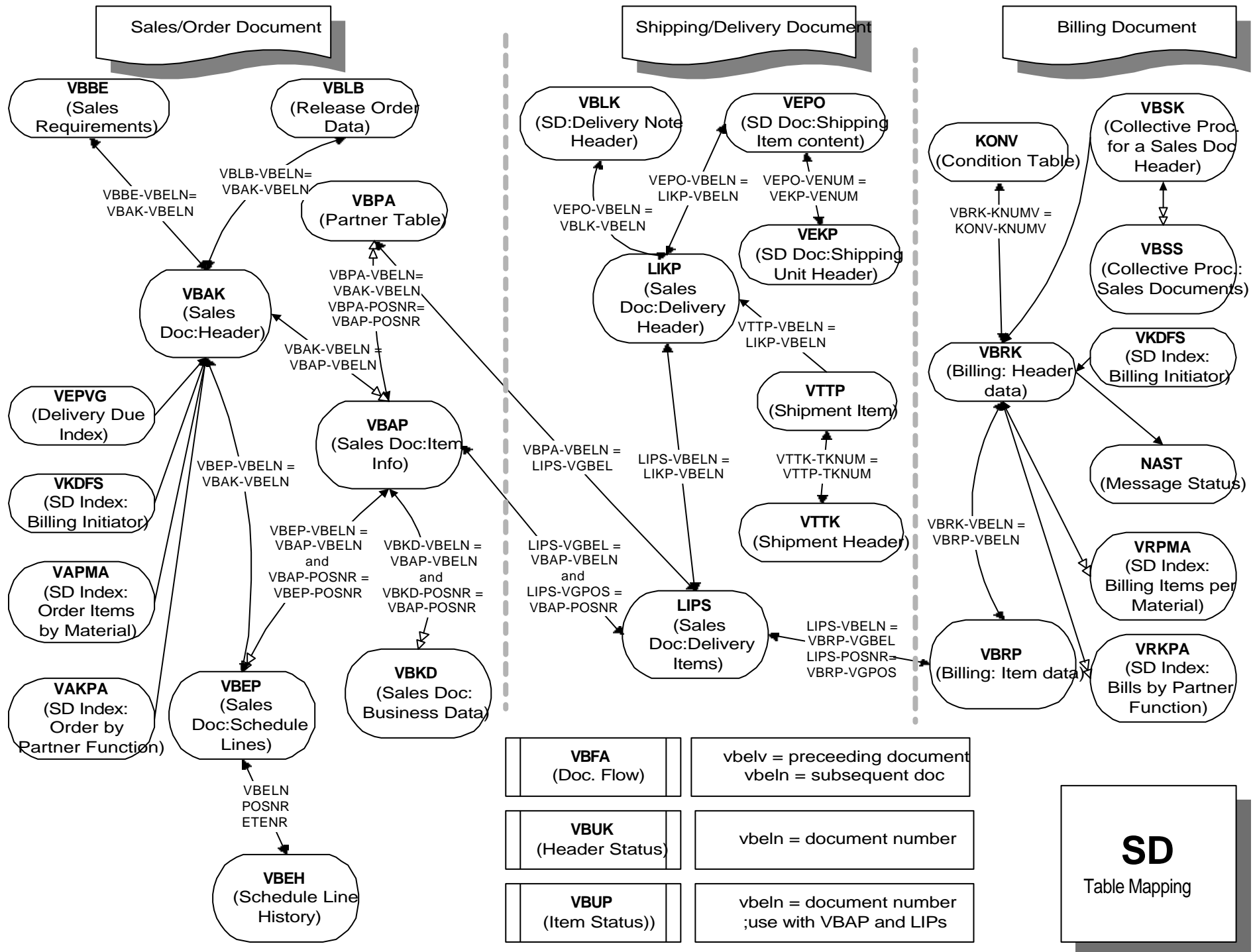
PROJECTS

Project and WBS element numbers have a domain with a conversion function module which converts it from 8 numc input to 24 char on output.

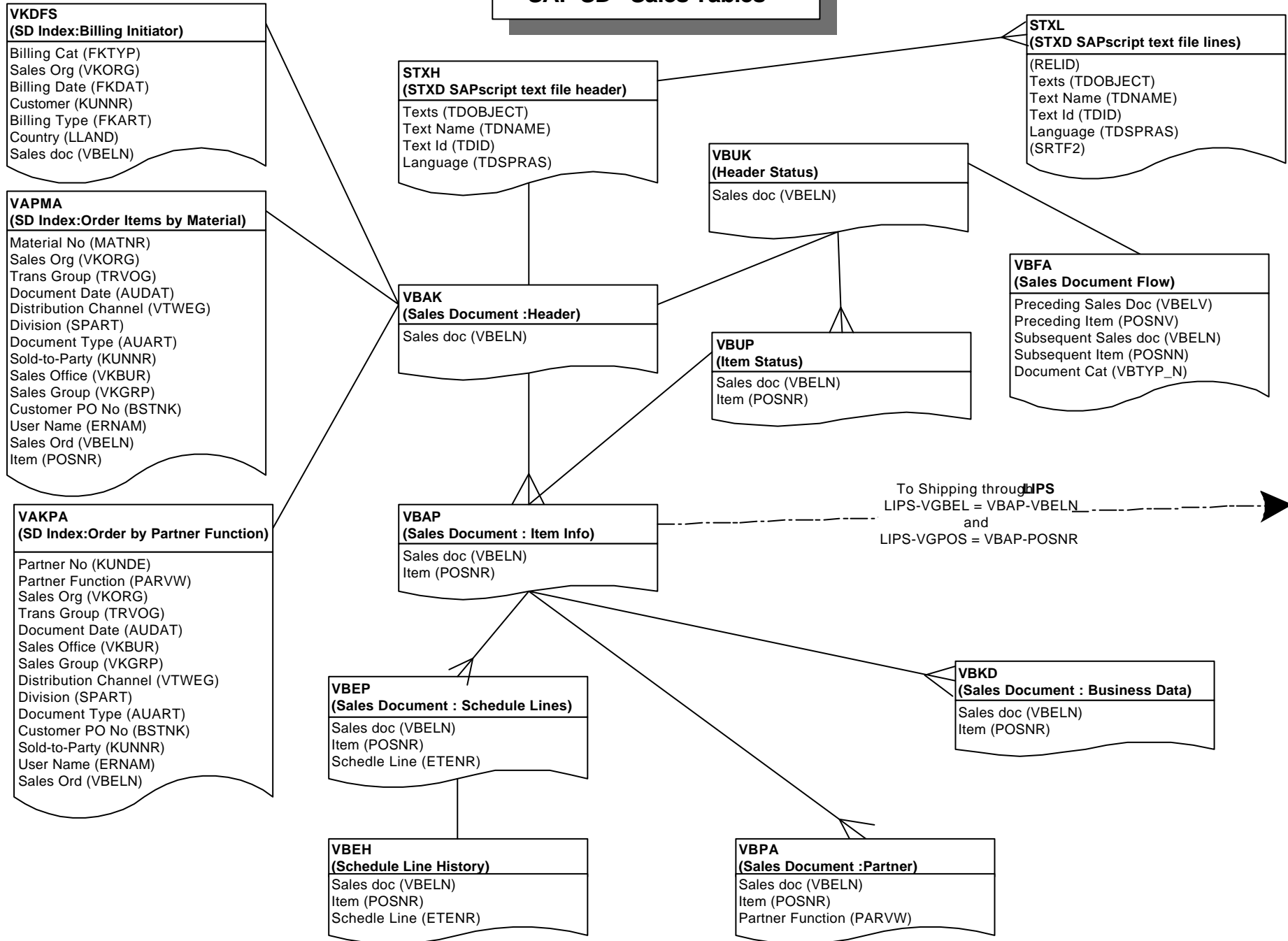


SAP - Sales and Distribution

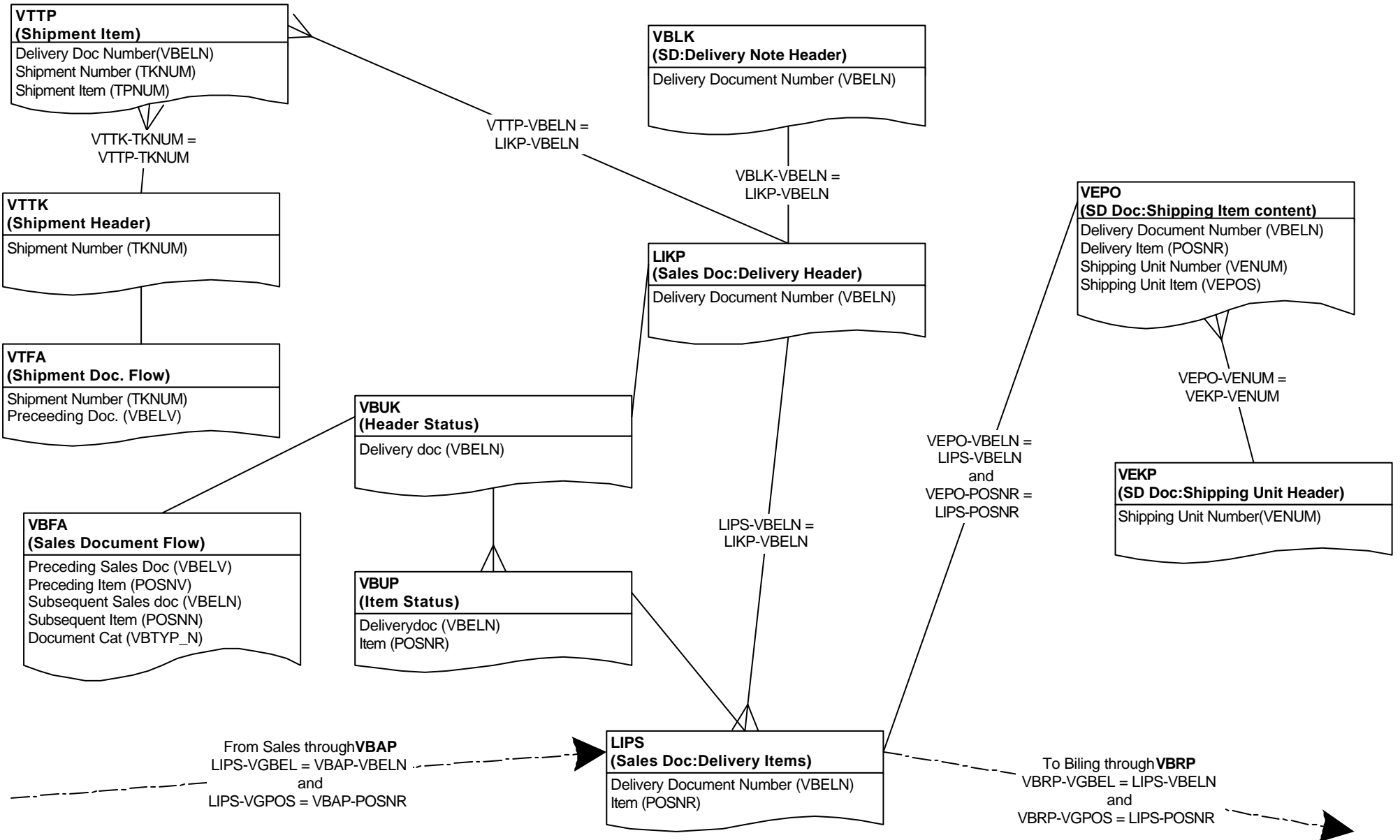




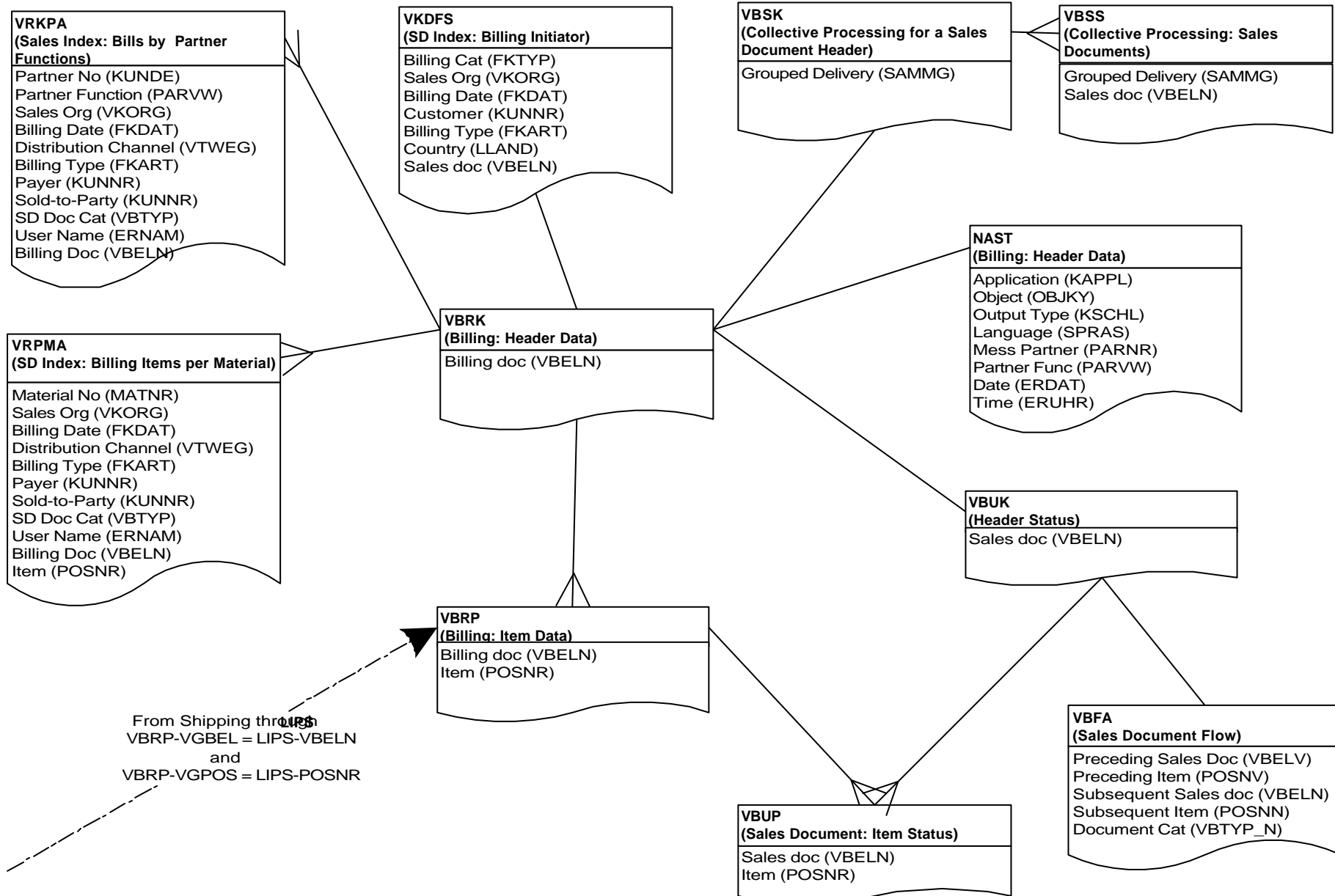
SAP SD - Sales Tables



SAP SD - Shipping Tables

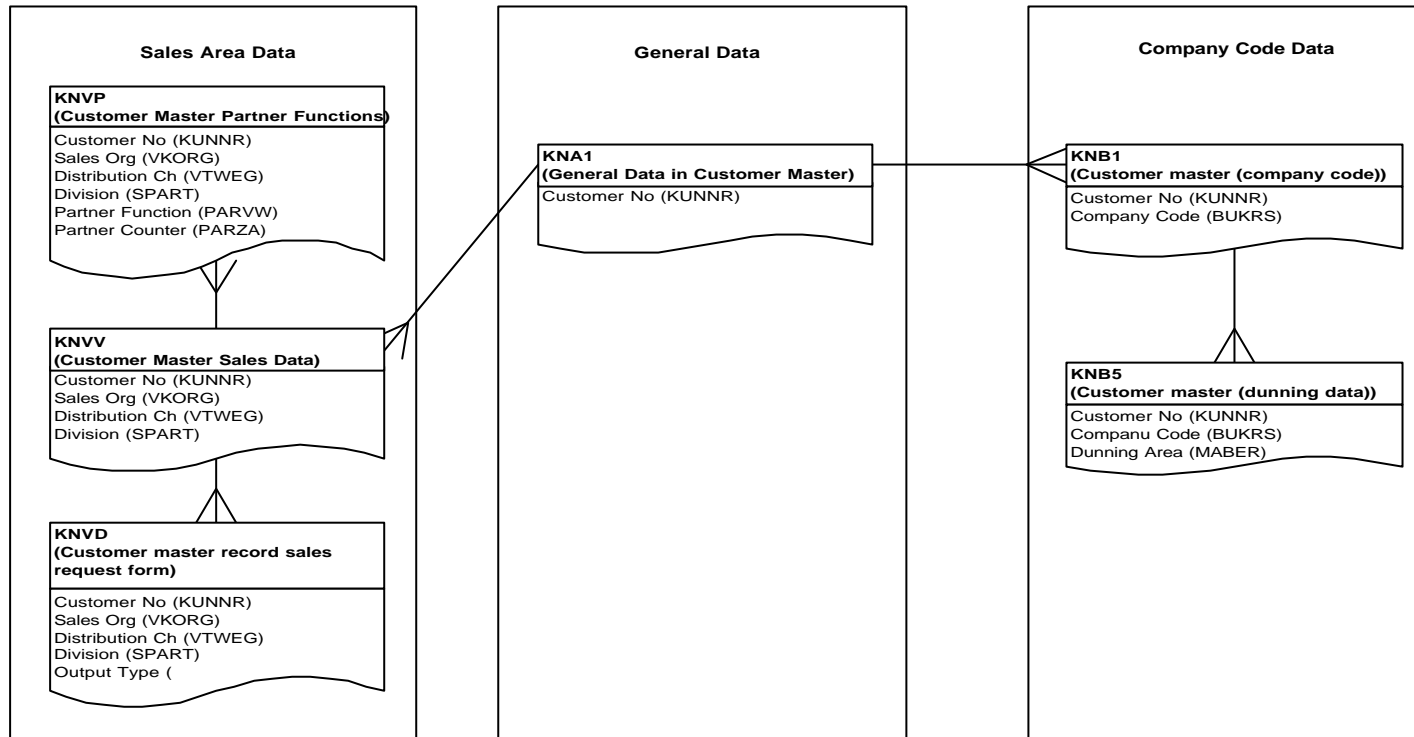


SAP SD - Billing Tables



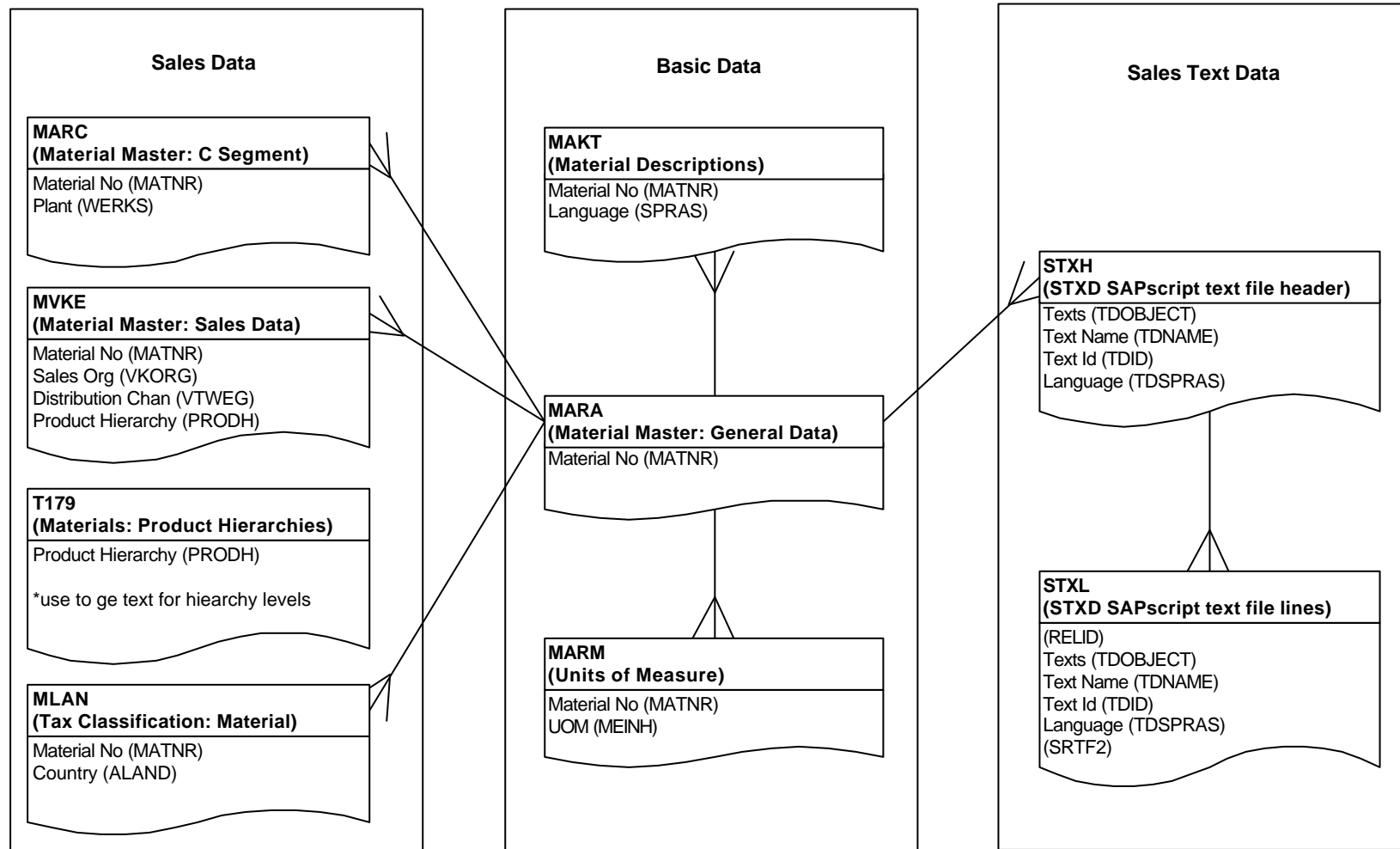
SAP SD - Links to FI Tables

Customer Master Data



SAP SD - Links to MM Tables

Material Master Data



Contributions by

Master Data

Jim Lewis (Whittman-Hart, inc.)

FI/CO

Michael Rhodes (MedPartners, inc.)

HR

MM

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PP

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Russ Smith (Benteler)
Michael Rhodes (MedPartners, inc.)