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**SWA (Statistical Web Application)**

**TED Schema**

**Consumer Devices**

**Project Requirements, Design Document**

|  |  |
| --- | --- |
| **PROJECT INFORMATION** | |
| **SSR Number:**  **PPM Request:**  **Project Team:** | **CER:**  **Purchase Order:** |
| **Prepared By** | |
| Arthur Gonzalez | |
| **Team / Project Leader / Performing Organization(s)** | |
|  | |
| **Business Representative(s)** | |
|  | |
| **Sponsor(s)** | |
|  | |

|  | **Version No** | **Status of Project (BRD/FDD/ CoS)** | **Description,**  **Reason for change** | **Reviewed By** | **Authors** | **Date** |
| --- | --- | --- | --- | --- | --- | --- |
|  | 1.0 | BRD | Initial Creation |  | Art Gonzalez | 5/28/2012 |

1. Business Requirements
   1. Executive Overview & Return on Investment

Migration of the current platform to a daily scheduled solution will provide the convenience of accessing all TED Data from a secure ,centralized location. The data is critical in the analysis of current Attainment rates for the current and previous S&OP cycles.

Efforts of all DM team members will now be focused on process,analysis and strategy.

Suitable measures prior to solution can involve the following:

* Time- Measurement of hours consumed in data consolidation/preparation by the total headcount over defined period of time.
* Quality – Management of large datasets utilizing manual methods of consolidation and summarization from Cognos Reports.
  1. Background

The data analysis and execution of the current process of Sales and Operations Planning (S&OP) is dependent on the use of Microsoft Excel Spreadsheets and formulas for all the TED data elements that are currently extracted from defined Cognos Reports or other manual methods.,.

This method of analysis and data collection is vulnerable to error and incorrect reporting .

* 1. Business Requirements

|  |  |
| --- | --- |
| **Requirement**  **Number** | **Requirement** |
| 1 | Provide daily updates to all Backlog, Billings,Scheduled Agreements and Bookings. |
|  | Daily Refresh of transaction data and Synchroniztion of Master data in the current S&OP Web Application RDBMS. |
|  | Provide alert and email capability of daily refresh process. |
| 4 | Provide support of all data management and processes. |
| 5. | Provide a scalable solution. |

Proposed Functional Design Solution

* 1. Access and Security

The current SWA Schema accommodates three levels of access, and enables users to develop customized solutions via PL\SQL (Procedural Language)\(Structured Query Language).

The levels of access enable specific capabilities, and require the use of a secure userid and password. Listed below are the specifics to the “Access and Security”.

* + 1. SWA

SWA provides the required features that enables users for the following:

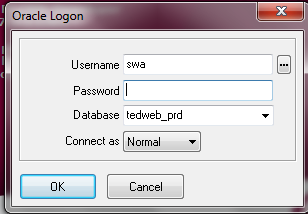
* Create – Create New Tables, Views and Materialized Views.
* Update – Update data elements all tables created using this account.
* Delete – Delete data elements in all tables using this account.
* Insert - Insert New Data into selected tables using the Insert Statements.

UserID – SWA

Current Passsword – Smoothie2012

Database – tedweb\_tst (Development)

Tedweb\_prd (Production)



* + 1. SWA\_SOURCE

This Account allows users to develop Stored Procedures, Packages, Triggers and other internal programming features. This account is specifically used for development of stored procedures that are used to execute specific actions or transations for a series of customized solutions.

UserID – SWA\_SOURCE

Current Passsword – Smoothie2012

Database – tedweb\_tst (Development)

Tedweb\_prd (Production)

* + 1. SWA\_WEB

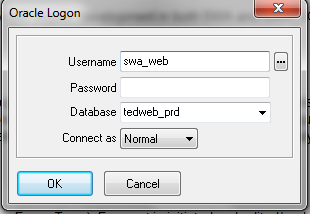
This account is used specifically for connectivity from a specified solution. A Connection String within a WebConfig file will reference this account and password for connectivity.

UserID – SWA\_WEB

Current Passsword – Smoothie2012

Database – tedweb\_tst (Development)

Tedweb\_prd (Production)



* + 1. Table Space

The table space name assigned to the SWA Schema is the following:

Tablespace Name – SWA\_DATA\_A

* + 1. Daily Refresh Scheduler

The SWA Account currently refreshes all data according the schedule below. All stored procedures that currently delete or insert new data into an existing table must be referenced in a single stored procedure for the daily refresh process. Listed below are the specifics of the daily refresh program.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Schedule** | **Job** | **Script Executed** | **Login** | **DM4 Schedule Dependency** | **Details** |
| SWAS01101 | SWAU0110 | /d013/project/swa/scripts/swau0110 | swasvc | US194AP07#DM4S110 | SCHEDULE SOLAR#SWAS01101 |
| (submitted Sunday, runs Monday) | ON RUNCYCLE SUN-THUR-SAT "FREQ=WEEKLY;INTERVAL=1;BYDAY=SU,MO,TU,WE,TH,SA" |
| US194AP07#DM4S110TFS | FOLLOWS US194AP07#DM4S110.@ |
| (submitted Monday through Thursday, runs Tuesday through Friday) | FOLLOWS US194AP07#DM4S110SA.@ |
| US194AP07#DM4S110SA | FOLLOWS US194AP07#DM4S110TFS.@ |
| (submitted Saturday, runs Saturday) | : |
|  | SOLAR#SWAU0110 |
|  | END |

* 1. Data Elements

Reporting of all Consumer Devices S&OP data will require development of common tables and views available in TED. SQL queries will combine data elements using common keys between selected tables and views.

The reports listed below will require development in both SWA and SWA\_SOURCE.

* + 1. **Backlog**

All Consumer Devices backlog will be specific to the CSD (acronym for Consumer Devices) Profit Center. A combination of tables in views in the DM.4113 Schema will be required to compile all the elements into one dataset. Listed below are the data elements and the SQL Query that was previously developed.

|  |
| --- |
| Data Fields |
| REGION |
| ORG\_ID |
| ORG\_NM |
| MNTH\_YR |
| PROFIT\_CENTER\_ABBR\_DESC |
| SAP\_PROFIT\_CENTER\_SHORT\_DESC |
| CBC |
| GPL\_FAMILY |
| GPL\_CODE |
| GPL\_DESCRIPTION |
| PROD\_CODE |
| PRODUCT\_DESCRIPTION |
| PART\_NUMBER |
| PART\_DESCRIPTION |
| X\_DISTRIBUTION\_CHAIN\_STTS\_CDE |
| SALES\_STATS\_CATEGORY\_CODE |
| SALES\_STATS\_CATEGORY\_NAME |
| SBMT\_SLS\_STAT\_CATEGORY\_CDE |
| SBMT\_SALES\_STATS\_CATEGORY\_NAME |
| IBC |
| IBC\_NM |
| DD1\_INDUSTRY\_CDE |
| INDUSTRT\_CDE\_NM |
| DD1\_WW\_CUST\_ACCT\_NBR |
| DD1\_WW\_CUST\_ACCT\_NM |
| KEY\_CUSTOMER\_CDE |
| KEY\_CUSTOMER\_DESC |
| SOLD\_TO\_ID |
| SOLD\_TO\_NM |
| SHIP\_TO\_ACCT\_BASE\_ID |
| ST\_CUSTOMER\_NM |
| ST\_ISO\_CTRY\_CDE |
| SALES\_MANAGER |
| DSE |
| CSR |
| PLANT\_ID |
| PLANT\_NAME |
| BACKLOG\_QTY |
| ASP |
| BACKLOG\_AMT |
| PAST\_DUE\_QTY |
| PAST\_DUE\_AMT |

* + - 1. **Backlog SQL Query**

SELECT DISTINCT

A.REGION

,A.ORG\_ID

,A.ORG\_NM

,A.MNTH\_YR

,A.PROFIT\_CENTER\_ABBR\_DESC

,A.SAP\_PROFIT\_CENTER\_SHORT\_DESC

,A.CBC

,A.GPL\_FAMILY

,A.GPL AS GPL\_CODE

,A.GPL\_NM AS GPL\_DESCRIPTION

,A.PRODUCT\_CDE AS PROD\_CODE

,A.PRODUCT\_NM AS PRODUCT\_DESCRIPTION

,A.TYCO\_ELECTRONICS\_CORP\_PART\_NBR AS PART\_NUMBER

,A.PART\_DESC AS PART\_DESCRIPTION

,A.X\_DISTRIBUTION\_CHAIN\_STTS\_CDE

,A.SALES\_STAT\_CATEGORY\_CDE SALES\_STATS\_CATEGORY\_CODE

,A.SALES\_STATS\_CTGRY\_NM SALES\_STATS\_CATEGORY\_NAME

,A.SBMT\_SLS\_STAT\_CATEGORY\_CDE

,A.SBMT\_SALES\_STATS\_CTGRY\_NM SBMT\_SALES\_STATS\_CATEGORY\_NAME

,A.IBC

,A.IBC\_NM

,A.INDUSTRY\_CDE AS DD1\_INDUSTRY\_CDE

,A.INDUSTRY\_NM AS INDUSTRT\_CDE\_NM

,A.DD1\_WW\_CUST\_ACCT\_NBR

,A.DD1\_WW\_CUST\_ACCT\_NM

,A.KEY\_CUSTOMER\_CDE

,A.KEY\_CUSTOMER\_DESC

,A.HIERARCHY\_CUSTOMER\_BASE\_ID AS SOLD\_TO\_ID

,A.HIERARCHY\_CUSTOMER\_NM AS SOLD\_TO\_NM

,A.SHIP\_TO\_ACCT\_BASE\_ID

,A.ST\_CUSTOMER\_NM

,A.ST\_ISO\_CTRY\_CDE

,A.SALES\_MANAGER

,A.DSE

,A.CSR

,A.PLANT\_ID

,A.PLANT\_NAME

,A.BACKLOG\_QTY

,A.ASP

,A.BACKLOG\_AMT

,A.PAST\_DUE\_QTY

,A.PAST\_DUE\_AMT

FROM (

SELECT DISTINCT

(CASE

WHEN G.SALES\_OFFICE\_CDE in

('9702', '9700', '0036', '0110', '9703', '9501', '0001', '0003', '0026'

,'0046', '0105', '0112', '0115', '0118', '0119','0199', '9305') THEN 'AMER'

WHEN G.SALES\_OFFICE\_CDE in

('1400', '0007', '1011', '1013', '1027', '1043', '1044', '1045', '1047'

,'1048', '1049', '1050', '1055', '1060', '1070', '1080', '1090', '1092'

,'1105', '1125', '1140', '1141', '1180', '1185', '1190', '1192', '2000'

,'1172', '1302', '1303', '1305', '9603', '1028', '1416', '1029') THEN 'EMEA'

WHEN G.SALES\_OFFICE\_CDE in

('0020', '0021', '0022', '0023', '0024', '0096', '1001', '1002', '1003'

,'1004', '1005', '1006', '1007') THEN 'Japan'

WHEN G.SALES\_OFFICE\_CDE in

('0044', '1160', '1200', '1201', '1202', '1203', '1204', '1205', '1211', '1212', '1214', '1216')THEN 'Korea'

WHEN G.SALES\_OFFICE\_CDE in

('1236', '9100', '9439', '1230', '1231', '9430', '9502', '1234', '9448', '0031', '0032', '0033'

,'0034', '0098', '1232', '1233', '9436', '9438', '9449', '9503', '0045', '9450', '9508', '1237'

, '1238', '9435') THEN 'SOUTH AP'

WHEN (G.SALES\_OFFICE\_CDE IN

('1235', '9103', '9204', '9504', '9509', '0053', '0060', '0061', '0063', '0064', '0069', '0070'

,'0071', '0072', '0073', '0074', '0075', '0076', '0077', '0078', '0079', '0080', '0081', '0082'

,'0083', '0084', '0086', '0087', '1150', '1151', '1152', '1153', '1154', '1155', '1156', '1157'

,'1158', '1159', '1161', '1162', '1163', '1164', '1165', '1166', '1167', '1168', '1169', '1171'

,'0050', '0051', '0052', '0054', '0055', '9511')

AND A.SAP\_PROFIT\_CENTER\_CDE = '0000000259'

AND C.PROFIT\_CENTER\_ABBR\_DESC = 'CSD')

OR G.SALES\_OFFICE\_CDE in ('0040', '0041', '0042', '0043', '0097', '1031', '1032', '1033')THEN 'Taiwan'

WHEN (G.SALES\_OFFICE\_CDE in

('1235', '9103', '9204', '9504', '9509', '0053', '0060', '0061', '0063', '0064', '0069', '0070'

,'0071', '0072', '0073', '0074', '0075', '0076', '0077', '0078', '0079', '0080', '0081', '0082'

,'0083', '0084', '0086', '0087', '1150', '1151', '1152', '1153', '1154', '1155', '1156', '1157'

,'1158', '1159', '1161', '1162', '1163', '1164', '1165', '1166', '1167', '1168', '1169', '1171'

,'0050', '0051', '0052', '0054', '0055', '9511')

AND A.SAP\_PROFIT\_CENTER\_CDE <> '0000000259'

AND C.PROFIT\_CENTER\_ABBR\_DESC = 'CSD')THEN 'China/HK'

WHEN R.DD1\_SALES\_OFFICE\_CDE = 'S003' THEN 'EMEA'

WHEN R.DD1\_SALES\_OFFICE\_CDE = 'S001' THEN 'AMER'

WHEN R.DD2\_SALES\_OFFICE\_CDE = 'S025' THEN 'Japan'

WHEN R.DD2\_SALES\_OFFICE\_CDE = 'S026' THEN 'Korea'

WHEN R.DD2\_SALES\_OFFICE\_CDE in ('S018', 'S006') THEN 'SOUTH AP'

WHEN R.DD3\_SALES\_OFFICE\_CDE in ('S028', 'S030') THEN 'China/HK'

WHEN R.DD3\_SALES\_OFFICE\_CDE = 'S029' then 'Taiwan'

ELSE 'Others' END) REGION

,TO\_CHAR(A.CUSTOMER\_REQUEST\_DT,'Mon')||'-'||TO\_CHAR(A.CUSTOMER\_REQUEST\_DT,'YY') Mnth\_Yr

, A.SELLING\_ORGANIZATION\_ID ORG\_ID

, M.ORGANIZATION\_SHORT\_NM ORG\_NM

, C.PROFIT\_CENTER\_ABBR\_DESC

, D.SAP\_PROFIT\_CENTER\_SHORT\_DESC

, E.LAYER1\_CMPE\_BSNS\_SHORT\_NM CBC

,(CASE

WHEN E.PRODUCT\_LINE\_CDE='E39' THEN 'Service'

WHEN E.LAYER1\_CMPE\_BSNS\_SHORT\_NM <>'Consumer Devices' then 'Other-BU'

ELSE E.LAYER2\_COMPETENCY\_BSNS\_DESC END)GPL\_FAMILY

, A.PRODUCT\_CDE

, E.PRODUCT\_NM

, E.PRODUCT\_LINE\_CDE GPL

, E.PRODUCT\_LINE\_SHORT\_NM GPL\_NM

, F.TYCO\_ELECTRONICS\_CORP\_PART\_NBR

, F.PART\_DESC

, G.LEVEL\_1\_IBC\_CDE IBC

, G.LEVEL\_1\_IBC\_NM IBC\_NM

, G.LEVEL\_1\_INDUSTRY\_CDE Industry\_cde

, G.LEVEL\_1\_INDUSTRY\_NM Industry\_nm

, H.DD1\_WW\_CUST\_ACCT\_NBR

, H.DD1\_WW\_CUST\_ACCT\_NM

, G.KEY\_CUSTOMER\_CDE

, G.KEY\_CUSTOMER\_DESC

, A.HIERARCHY\_CUSTOMER\_BASE\_ID

, G.HIERARCHY\_CUSTOMER\_NM

, A.SHIP\_TO\_ACCT\_BASE\_ID

, I.ST\_CUSTOMER\_NM

, I.ST\_ISO\_CTRY\_CDE

, A.SBMT\_SLS\_STAT\_CATEGORY\_CDE

, T.SBMT\_SALES\_STATS\_CTGRY\_NM

, S.SALES\_STATS\_CTGRY\_NM

, A.SALES\_STAT\_CATEGORY\_CDE

, J.LEVEL\_5\_TERRITORY\_PERSON\_NM Sales\_manager

, J.LEVEL\_7\_TERRITORY\_PERSON\_NM DSE

, N.X\_DISTRIBUTION\_CHAIN\_STTS\_CDE

, K.SALES\_GROUP\_NM CSR

, A.PLANT\_ID Plant\_Id

, L.PLANT\_NM Plant\_Name

,

(CASE

WHEN A.CUSTOMER\_REQUEST\_DT >= SYSDATE THEN SUM (A.B\_ITEM\_QTY) ELSE 0 END) AS BACKLOG\_QTY ,

(CASE

WHEN SUM (A.B\_ITEM\_QTY) <> 0

AND SUM(A.B\_CNST\_LOC\_CRNC\_AMT)<> 0

THEN

ROUND (SUM (A.B\_CNST\_LOC\_CRNC\_AMT)/NULLIF (SUM(A.B\_ITEM\_QTY),0),2)

ELSE 0 END)ASP,

(CASE

WHEN A.CUSTOMER\_REQUEST\_DT >= SYSDATE THEN SUM (A.B\_CNST\_LOC\_CRNC\_AMT)ELSE 0 END) AS BACKLOG\_AMT,

(CASE

WHEN A.CUSTOMER\_REQUEST\_DT < SYSDATE THEN SUM (A.B\_ITEM\_QTY) ELSE 0 END )AS PAST\_DUE\_QTY,

(CASE

WHEN A.CUSTOMER\_REQUEST\_DT < SYSDATE THEN SUM (A.B\_CNST\_LOC\_CRNC\_AMT) ELSE 0 END) AS PAST\_DUE\_AMT

FROM ((((((((((((((((DM4.DM4113\_COSTED\_SALES\_DETAILS\_V A

INNER JOIN

DM4.DM4113\_ORGANIZATIONS\_DMN\_V B

ON B.ORGANIZATION\_ID=A.MANUFACTURING\_ORGANIZATION\_ID)

INNER JOIN

DM4.DM4113\_PROFIT\_CENTERS\_DMN\_V C

ON A.PROFIT\_CENTER\_ABBR\_NM=C.PROFIT\_CENTER\_ID )

INNER JOIN

DM4.DM4113\_SAP\_PROFIT\_CENTER\_DMN\_V D

ON A.SAP\_PROFIT\_CENTER\_CDE=D.SAP\_PROFIT\_CENTER\_CDE)

INNER JOIN

DM4.DM4113\_PRODUCTS\_DMN\_V E

ON A.PRODUCT\_CDE=E.PRODUCT\_CDE)

INNER JOIN

DM4.DM4113\_TCPN\_DMN\_V F

ON A.PART\_KEY\_ID=F.PART\_KEY\_ID)

INNER JOIN

DM4.DM4113\_CUSTOMER\_HIER\_DMN\_V G

ON G.HIERARCHY\_CUSTOMER\_ORG\_ID=A.HIERARCHY\_CUSTOMER\_ORG\_ID

AND G.HIERARCHY\_CUSTOMER\_BASE\_ID=A.HIERARCHY\_CUSTOMER\_BASE\_ID

AND G.HIERARCHY\_CUSTOMER\_SUFX\_ID=A.HIERARCHY\_CUSTOMER\_SUFX\_ID

AND G.HIERARCHY\_CUSTOMER\_IND=A.HIERARCHY\_CUSTOMER\_IND

AND G.SHIP\_TO\_ACCT\_ORGANIZATION\_ID= A.SHIP\_TO\_ACCT\_ORGANIZATION\_ID

AND G.SHIP\_TO\_ACCT\_BASE\_ID=A.SHIP\_TO\_ACCT\_BASE\_ID

AND G.SHIP\_TO\_ACCT\_SUFX\_ID=A.SHIP\_TO\_ACCT\_SUFX\_ID)

INNER JOIN

DM4.DM4113\_CUST\_WORLDWIDE\_DMN\_V H

ON G.WW\_CUST\_ACCT\_NBR=H.WW\_CUST\_ACCT\_NBR)

INNER JOIN

DM4.DM4113\_CUSTOMER\_SHIP\_TO\_DMN\_V I

ON A.SHIP\_TO\_ACCT\_ORGANIZATION\_ID=I.ST\_ACCT\_ORG\_ID

AND A.SHIP\_TO\_ACCT\_BASE\_ID=I.ST\_ACCT\_NBR\_BASE

AND A.SHIP\_TO\_ACCT\_SUFX\_ID=I.ST\_ACCT\_NBR\_SUFX)

INNER JOIN

DM4.DM4113\_SALES\_TERRITORIES\_DMN\_V J

ON J.TERRITORY\_CDE=A.SALES\_TERRITORY\_CDE

AND J.TERRITORY\_ORG\_ID=A.TERRITORY\_ORG\_ID)

INNER JOIN

DM4.DM4113\_SALES\_GROUP\_DMN\_V K

ON A.SBMT\_SALES\_GROUP\_CDE=K.SALES\_GROUP\_CDE)

INNER JOIN

DM4.DM4113\_PLANT\_ID\_DMN\_V L

ON A.PLANT\_ID=L.PLANT\_ID)

INNER JOIN

DM4.DM4113\_ORGANIZATIONS\_DMN\_V M

ON M.ORGANIZATION\_ID=A.SELLING\_ORGANIZATION\_ID)

LEFT OUTER JOIN

DM4.DM4113\_MATERIAL\_SLS\_ORGS\_DMN\_V N

ON A.SAP\_SALES\_ORGANIZATION\_ID = N.SALES\_ORGANIZATION\_ID

AND A.DISTRIBUTION\_CHANNEL\_CDE = N.DISTRIBUTION\_CHANNEL\_CDE

AND A.MATERIAL\_ID = N.MATERIAL\_ID)

INNER JOIN

DM4.DM4113\_FISCAL\_DATE\_DMN\_V O

ON A.CUSTOMER\_REQUEST\_DT = O.CALENDAR\_DT)

INNER JOIN

GBL\_CURRENT.GBL\_SALES\_OFFICES\_DDL R

ON R.SALES\_OFFICE\_CDE = G.SALES\_OFFICE\_CDE)

INNER JOIN

DM4.DM4113\_SALES\_STATS\_CTGRY\_DMN\_V S

ON A.SALES\_STAT\_CATEGORY\_CDE=S.SALES\_STATS\_CTGRY\_CDE)

INNER JOIN

DM4.DM4113\_SBMT\_SLSSTAT\_CTGR\_DMN\_V T

ON A.SBMT\_SLS\_STAT\_CATEGORY\_CDE=T.SBMT\_SALES\_STATS\_CTGRY\_CDE

WHERE A.BACKLOG\_IND = '1'

AND A.TYCO\_YEAR\_ID <> 1011

AND A.TRADE\_INTERCO\_IND = 'T'

AND (A.PROFIT\_CENTER\_ABBR\_NM = 'CSD'

OR E.LAYER1\_COMPETENCY\_BSNS\_CDE = '30002')

GROUP BY

B.LAYER2\_ORGANIZATION\_ID

, B.LAYER2\_ORGANIZATION\_SHORT\_NM

, B.LAYER3\_ORGANIZATION\_ID

, B.LAYER3\_ORGANIZATION\_SHORT\_NM

, A.MANUFACTURING\_ORGANIZATION\_ID

, B.ORGANIZATION\_SHORT\_NM

, C.PROFIT\_CENTER\_ABBR\_DESC

, D.SAP\_PROFIT\_CENTER\_SHORT\_DESC

, N.X\_DISTRIBUTION\_CHAIN\_STTS\_CDE

, R.DD1\_SALES\_OFFICE\_CDE

, E.LAYER1\_CMPE\_BSNS\_SHORT\_NM

, E.LAYER2\_CMPE\_BSNS\_SHORT\_NM

, E.LAYER3\_CMPE\_BSNS\_SHORT\_NM

, A.CUSTOMER\_REQUEST\_DT

, A.PRODUCT\_CDE

, E.PRODUCT\_NM

, A.SBMT\_SLS\_STAT\_CATEGORY\_CDE

, T.SBMT\_SALES\_STATS\_CTGRY\_NM

, S.SALES\_STATS\_CTGRY\_NM

, A.SALES\_STAT\_CATEGORY\_CDE

, E.PRODUCT\_LINE\_CDE

, G.SALES\_OFFICE\_CDE

, E.PRODUCT\_LINE\_SHORT\_NM

, F.TYCO\_ELECTRONICS\_CORP\_PART\_NBR

, F.PART\_DESC

, G.LEVEL\_1\_IBC\_CDE

, G.LEVEL\_1\_IBC\_NM

, G.LEVEL\_1\_INDUSTRY\_CDE

, G.LEVEL\_1\_INDUSTRY\_NM

, G.KEY\_CUSTOMER\_CDE

, G.KEY\_CUSTOMER\_DESC

, E.LAYER2\_COMPETENCY\_BSNS\_DESC

, H.DD1\_WW\_CUST\_ACCT\_NBR

, H.DD1\_WW\_CUST\_ACCT\_NM

, G.HIERARCHY\_CUSTOMER\_BASE\_ID

, G.HIERARCHY\_CUSTOMER\_NM

, A.SHIP\_TO\_ACCT\_BASE\_ID

, I.ST\_CUSTOMER\_NM

, I.ST\_ISO\_CTRY\_CDE

, J.LEVEL\_5\_TERRITORY\_PERSON\_NM

, J.LEVEL\_7\_TERRITORY\_PERSON\_NM

, A.HIERARCHY\_CUSTOMER\_BASE\_ID

, K.SALES\_GROUP\_NM

, A.PLANT\_ID

, L.PLANT\_NM

, R.DD2\_SALES\_OFFICE\_CDE

, R.DD3\_SALES\_OFFICE\_CDE

, A.SAP\_PROFIT\_CENTER\_CDE

, M.LAYER2\_ORGANIZATION\_ID

, M.LAYER2\_ORGANIZATION\_SHORT\_NM

, M.LAYER3\_ORGANIZATION\_ID

, M.LAYER2\_ORGANIZATION\_SHORT\_NM

, M.LAYER2\_ORGANIZATION\_SHORT\_NM

, (CASE

WHEN G.SALES\_OFFICE\_CDE in

('9702', '9700', '0036', '0110', '9703', '9501', '0001', '0003', '0026'

, '0046', '0105', '0112', '0115', '0118', '0119', '9305')

THEN 'AMER'

WHEN G.SALES\_OFFICE\_CDE in

('1400', '0007', '1011', '1013', '1027', '1043', '1044', '1045', '1047'

, '1048', '1049', '1050', '1055', '1060', '1070', '1080', '1090', '1092'

, '1105', '1125', '1140', '1141', '1180', '1185', '1190', '1192', '2000'

, '1172', '1302', '1303', '1305', '9603', '1028', '1416', '1029')

THEN 'EMEA'

WHEN G.SALES\_OFFICE\_CDE in

('0020', '0021', '0022', '0023', '0024', '0096', '1001', '1002', '1003'

, '1004', '1005', '1006', '1007')

THEN 'Japan'

WHEN G.SALES\_OFFICE\_CDE in

('0044', '1160', '1200', '1201', '1202', '1203', '1204', '1205', '1211', '1212', '1214', '1216')

THEN 'Korea'

WHEN G.SALES\_OFFICE\_CDE in

('1236', '9100', '9439', '1230', '1231', '9430', '9502', '1234', '9448', '0031', '0032', '0033'

, '0034', '0098', '1232', '1233', '9436', '9438', '9449', '9503', '0045', '9450', '9508', '1237'

, '1238', '9435')

THEN 'SOUTH AP'

WHEN (G.SALES\_OFFICE\_CDE in

('1235', '9103', '9204', '9504', '9509', '0053', '0060', '0061', '0063', '0064', '0069', '0070'

, '0071', '0072', '0073', '0074', '0075', '0076', '0077', '0078', '0079', '0080', '0081', '0082'

, '0083', '0084', '0086', '0087', '1150', '1151', '1152', '1153', '1154', '1155', '1156', '1157'

, '1158', '1159', '1161', '1162', '1163', '1164', '1165', '1166', '1167', '1168', '1169', '1171'

, '0050', '0051', '0052', '0054', '0055', '9511')

AND A.SAP\_PROFIT\_CENTER\_CDE = '0000000259'

AND C.PROFIT\_CENTER\_ABBR\_DESC = 'CSD')

OR G.SALES\_OFFICE\_CDE in ('0040', '0041', '0042', '0043', '0097', '1031', '1032', '1033')

THEN 'Taiwan'

WHEN (G.SALES\_OFFICE\_CDE in

('1235', '9103', '9204', '9504', '9509', '0053', '0060', '0061', '0063', '0064', '0069', '0070'

, '0071', '0072', '0073', '0074', '0075', '0076', '0077', '0078', '0079', '0080', '0081', '0082'

, '0083', '0084', '0086', '0087', '1150', '1151', '1152', '1153', '1154', '1155', '1156', '1157'

, '1158', '1159', '1161', '1162', '1163', '1164', '1165', '1166', '1167', '1168', '1169', '1171'

, '0050', '0051', '0052', '0054', '0055', '9511')

AND A.SAP\_PROFIT\_CENTER\_CDE <> '0000000259'

AND C.PROFIT\_CENTER\_ABBR\_DESC = 'CSD')

THEN 'China/HK'

WHEN R.DD1\_SALES\_OFFICE\_CDE = 'S003' THEN 'EMEA'

WHEN R.DD1\_SALES\_OFFICE\_CDE = 'S001' THEN 'AMER'

WHEN R.DD2\_SALES\_OFFICE\_CDE = 'S025' THEN 'Japan'

WHEN R.DD2\_SALES\_OFFICE\_CDE = 'S026' THEN 'Korea'

WHEN R.DD2\_SALES\_OFFICE\_CDE in ('S018', 'S006') THEN 'SOUTH AP'

WHEN R.DD3\_SALES\_OFFICE\_CDE in ('S028', 'S030') THEN 'China/HK'

WHEN R.DD3\_SALES\_OFFICE\_CDE = 'S029' then 'Taiwan'

ELSE 'Others' END)

, A.SELLING\_ORGANIZATION\_ID

, M.ORGANIZATION\_SHORT\_NM

, N.X\_DISTRIBUTION\_CHAIN\_STTS\_CDE)A

* + - 1. **Backlog Data Table Design**

The database table as created using the SWA account. The following data types and fields were specifically designed to accommodate the data content that is inserted in the data table. Listed below is the “Create Table” script

*-- Create table*

create table BACKLOG\_CSD

(

REGION VARCHAR2(13),

ORG\_ID VARCHAR2(4),

ORG\_NM VARCHAR2(50),

MNTH\_YR CHAR(6),

PROFIT\_CENTER\_ABBR\_DESC VARCHAR2(7),

SAP\_PROFIT\_CENTER\_SHORT\_DESC VARCHAR2(50),

CBC VARCHAR2(50),

GPL\_FAMILY VARCHAR2(50),

GPL\_CODE VARCHAR2(3),

GPL\_DESCRIPTION VARCHAR2(50),

PROD\_CODE VARCHAR2(4),

PRODUCT\_DESCRIPTION VARCHAR2(120),

PART\_NUMBER VARCHAR2(40),

PART\_DESCRIPTION VARCHAR2(50),

X\_DISTRIBUTION\_CHAIN\_STTS\_CDE VARCHAR2(2),

SALES\_STATS\_CATEGORY\_CODE VARCHAR2(2),

SALES\_STATS\_CATEGORY\_NAME VARCHAR2(100),

SBMT\_SLS\_STAT\_CATEGORY\_CDE VARCHAR2(6),

SBMT\_SALES\_STATS\_CATEGORY\_NAME VARCHAR2(100),

IBC VARCHAR2(3),

IBC\_NM VARCHAR2(50),

DD1\_INDUSTRY\_CDE VARCHAR2(4),

INDUSTRT\_CDE\_NM VARCHAR2(50),

DD1\_WW\_CUST\_ACCT\_NBR VARCHAR2(14),

DD1\_WW\_CUST\_ACCT\_NM VARCHAR2(50),

KEY\_CUSTOMER\_CDE VARCHAR2(3),

KEY\_CUSTOMER\_DESC VARCHAR2(50),

SOLD\_TO\_ID VARCHAR2(14),

SOLD\_TO\_NM VARCHAR2(50),

SHIP\_TO\_ACCT\_BASE\_ID VARCHAR2(14),

ST\_CUSTOMER\_NM VARCHAR2(50),

ST\_ISO\_CTRY\_CDE VARCHAR2(2),

SALES\_MANAGER VARCHAR2(50),

DSE VARCHAR2(50),

CSR VARCHAR2(50),

PLANT\_ID VARCHAR2(4),

PLANT\_NAME VARCHAR2(50),

BACKLOG\_QTY NUMBER,

ASP NUMBER,

BACKLOG\_AMT NUMBER,

PAST\_DUE\_QTY NUMBER,

PAST\_DUE\_AMT NUMBER

)

tablespace SWA\_DATA\_A

pctfree 10

initrans 1

maxtrans 255

storage

(

initial 80K

next 1M

minextents 1

maxextents unlimited

);

*-- Grant/Revoke object privileges*

grant select, insert, update, delete on BACKLOG\_CSD to SWA\_SOURCE;

* + - 1. **Backlog Stored Procedure**

All Stored procedures are developed using the SWA\_SOURCE Account. The Backlog Stored Procedure is specifically designed to execute the following:

* Delete from – Delete all current data in the database table
* Insert into – Insert all new data elements, once the SQL Query is completed.
* Stored Procedure Name – USP\_UPDBACKLOG



* + - 1. **Backlog Stored Procedure Source Code**

All Backlog Stored Procedure Source Coded is developed,compiled as US\_UPDBACKLOG. Listed below is the Stored Procedure source code.

create or replace procedure usp\_UpdBACKLOG AS

BEGIN

DELETE FROM SWA.BACKLOG\_CSD;

INSERT INTO SWA.BACKLOG\_CSD

SELECT DISTINCT

A.REGION

,A.ORG\_ID

,A.ORG\_NM

,A.MNTH\_YR

,A.PROFIT\_CENTER\_ABBR\_DESC

,A.SAP\_PROFIT\_CENTER\_SHORT\_DESC

,A.CBC

,A.GPL\_FAMILY

,A.GPL AS GPL\_CODE

,A.GPL\_NM AS GPL\_DESCRIPTION

,A.PRODUCT\_CDE AS PROD\_CODE

,A.PRODUCT\_NM AS PRODUCT\_DESCRIPTION

,A.TYCO\_ELECTRONICS\_CORP\_PART\_NBR AS PART\_NUMBER

,A.PART\_DESC AS PART\_DESCRIPTION

,A.X\_DISTRIBUTION\_CHAIN\_STTS\_CDE

,A.SALES\_STAT\_CATEGORY\_CDE SALES\_STATS\_CATEGORY\_CODE

,A.SALES\_STATS\_CTGRY\_NM SALES\_STATS\_CATEGORY\_NAME

,A.SBMT\_SLS\_STAT\_CATEGORY\_CDE

,A.SBMT\_SALES\_STATS\_CTGRY\_NM SBMT\_SALES\_STATS\_CATEGORY\_NAME

,A.IBC

,A.IBC\_NM

,A.INDUSTRY\_CDE AS DD1\_INDUSTRY\_CDE

,A.INDUSTRY\_NM AS INDUSTRY\_CDE\_NM

,A.DD1\_WW\_CUST\_ACCT\_NBR

,A.DD1\_WW\_CUST\_ACCT\_NM

,A.KEY\_CUSTOMER\_CDE

,A.KEY\_CUSTOMER\_DESC

,A.HIERARCHY\_CUSTOMER\_BASE\_ID AS SOLD\_TO\_ID

,A.HIERARCHY\_CUSTOMER\_NM AS SOLD\_TO\_NM

,A.SHIP\_TO\_ACCT\_BASE\_ID

,A.ST\_CUSTOMER\_NM

,A.ST\_ISO\_CTRY\_CDE

,A.SALES\_MANAGER

,A.DSE

,A.CSR

,A.PLANT\_ID

,A.PLANT\_NAME

,A.BACKLOG\_QTY

,A.ASP

,A.BACKLOG\_AMT

,A.PAST\_DUE\_QTY

,A.PAST\_DUE\_AMT

FROM (

SELECT DISTINCT

(CASE

WHEN G.SALES\_OFFICE\_CDE in

('9702', '9700', '0036', '0110', '9703', '9501', '0001', '0003', '0026'

,'0046', '0105', '0112', '0115', '0118', '0119','0199', '9305') THEN 'AMER'

WHEN G.SALES\_OFFICE\_CDE in

('1400', '0007', '1011', '1013', '1027', '1043', '1044', '1045', '1047'

,'1048', '1049', '1050', '1055', '1060', '1070', '1080', '1090', '1092'

,'1105', '1125', '1140', '1141', '1180', '1185', '1190', '1192', '2000'

,'1172', '1302', '1303', '1305', '9603', '1028', '1416', '1029') THEN 'EMEA'

WHEN G.SALES\_OFFICE\_CDE in

('0020', '0021', '0022', '0023', '0024', '0096', '1001', '1002', '1003'

,'1004', '1005', '1006', '1007') THEN 'Japan'

WHEN G.SALES\_OFFICE\_CDE in

('0044', '1160', '1200', '1201', '1202', '1203', '1204', '1205', '1211', '1212', '1214', '1216')THEN 'Korea'

WHEN G.SALES\_OFFICE\_CDE in

('1236', '9100', '9439', '1230', '1231', '9430', '9502', '1234', '9448', '0031', '0032', '0033'

,'0034', '0098', '1232', '1233', '9436', '9438', '9449', '9503', '0045', '9450', '9508', '1237'

, '1238', '9435') THEN 'SOUTH AP'

WHEN (G.SALES\_OFFICE\_CDE IN

('1235', '9103', '9204', '9504', '9509', '0053', '0060', '0061', '0063', '0064', '0069', '0070'

,'0071', '0072', '0073', '0074', '0075', '0076', '0077', '0078', '0079', '0080', '0081', '0082'

,'0083', '0084', '0086', '0087', '1150', '1151', '1152', '1153', '1154', '1155', '1156', '1157'

,'1158', '1159', '1161', '1162', '1163', '1164', '1165', '1166', '1167', '1168', '1169', '1171'

,'0050', '0051', '0052', '0054', '0055', '9511')

AND A.SAP\_PROFIT\_CENTER\_CDE = '0000000259'

AND C.PROFIT\_CENTER\_ABBR\_DESC = 'CSD')

OR G.SALES\_OFFICE\_CDE in ('0040', '0041', '0042', '0043', '0097', '1031', '1032', '1033')THEN 'Taiwan'

WHEN (G.SALES\_OFFICE\_CDE in

('1235', '9103', '9204', '9504', '9509', '0053', '0060', '0061', '0063', '0064', '0069', '0070'

,'0071', '0072', '0073', '0074', '0075', '0076', '0077', '0078', '0079', '0080', '0081', '0082'

,'0083', '0084', '0086', '0087', '1150', '1151', '1152', '1153', '1154', '1155', '1156', '1157'

,'1158', '1159', '1161', '1162', '1163', '1164', '1165', '1166', '1167', '1168', '1169', '1171'

,'0050', '0051', '0052', '0054', '0055', '9511')

AND A.SAP\_PROFIT\_CENTER\_CDE <> '0000000259'

AND C.PROFIT\_CENTER\_ABBR\_DESC = 'CSD')THEN 'China/HK'

WHEN R.DD1\_SALES\_OFFICE\_CDE = 'S003' THEN 'EMEA'

WHEN R.DD1\_SALES\_OFFICE\_CDE = 'S001' THEN 'AMER'

WHEN R.DD2\_SALES\_OFFICE\_CDE = 'S025' THEN 'Japan'

WHEN R.DD2\_SALES\_OFFICE\_CDE = 'S026' THEN 'Korea'

WHEN R.DD2\_SALES\_OFFICE\_CDE in ('S018', 'S006') THEN 'SOUTH AP'

WHEN R.DD3\_SALES\_OFFICE\_CDE in ('S028', 'S030') THEN 'China/HK'

WHEN R.DD3\_SALES\_OFFICE\_CDE = 'S029' then 'Taiwan'

ELSE 'Others' END) REGION

,TO\_CHAR(A.CUSTOMER\_REQUEST\_DT,'Mon')||'-'||TO\_CHAR(A.CUSTOMER\_REQUEST\_DT,'YY') Mnth\_Yr

, A.SELLING\_ORGANIZATION\_ID ORG\_ID

, M.ORGANIZATION\_SHORT\_NM ORG\_NM

, C.PROFIT\_CENTER\_ABBR\_DESC

, D.SAP\_PROFIT\_CENTER\_SHORT\_DESC

, E.LAYER1\_CMPE\_BSNS\_SHORT\_NM CBC

,(CASE

WHEN E.PRODUCT\_LINE\_CDE='E39' THEN 'Service'

WHEN E.LAYER1\_CMPE\_BSNS\_SHORT\_NM <>'Consumer Devices' then 'Other-BU'

ELSE E.LAYER2\_COMPETENCY\_BSNS\_DESC END)GPL\_FAMILY

, A.PRODUCT\_CDE

, E.PRODUCT\_NM

, E.PRODUCT\_LINE\_CDE GPL

, E.PRODUCT\_LINE\_SHORT\_NM GPL\_NM

, F.TYCO\_ELECTRONICS\_CORP\_PART\_NBR

, F.PART\_DESC

, G.LEVEL\_1\_IBC\_CDE IBC

, G.LEVEL\_1\_IBC\_NM IBC\_NM

, G.LEVEL\_1\_INDUSTRY\_CDE Industry\_cde

, G.LEVEL\_1\_INDUSTRY\_NM Industry\_nm

, H.DD1\_WW\_CUST\_ACCT\_NBR

, H.DD1\_WW\_CUST\_ACCT\_NM

, G.KEY\_CUSTOMER\_CDE

, G.KEY\_CUSTOMER\_DESC

, A.HIERARCHY\_CUSTOMER\_BASE\_ID

, G.HIERARCHY\_CUSTOMER\_NM

, A.SHIP\_TO\_ACCT\_BASE\_ID

, I.ST\_CUSTOMER\_NM

, I.ST\_ISO\_CTRY\_CDE

, A.SBMT\_SLS\_STAT\_CATEGORY\_CDE

, T.SBMT\_SALES\_STATS\_CTGRY\_NM

, S.SALES\_STATS\_CTGRY\_NM

, A.SALES\_STAT\_CATEGORY\_CDE

, J.LEVEL\_5\_TERRITORY\_PERSON\_NM Sales\_manager

, J.LEVEL\_7\_TERRITORY\_PERSON\_NM DSE

, N.X\_DISTRIBUTION\_CHAIN\_STTS\_CDE

, K.SALES\_GROUP\_NM CSR

, A.PLANT\_ID Plant\_Id

, L.PLANT\_NM Plant\_Name

, (CASE

WHEN A.CUSTOMER\_REQUEST\_DT >= SYSDATE THEN SUM (A.B\_ITEM\_QTY) ELSE 0 END) AS BACKLOG\_QTY ,

(CASE

WHEN SUM (A.B\_ITEM\_QTY) <> 0

AND SUM(A.B\_CNST\_LOC\_CRNC\_AMT)<> 0

THEN

ROUND (SUM (A.B\_CNST\_LOC\_CRNC\_AMT)/NULLIF (SUM(A.B\_ITEM\_QTY),0),2)ELSE 0 END)ASP,

(CASE

WHEN A.CUSTOMER\_REQUEST\_DT >= SYSDATE THEN SUM (A.B\_CNST\_LOC\_CRNC\_AMT)ELSE 0 END) AS BACKLOG\_AMT,

(CASE

WHEN A.CUSTOMER\_REQUEST\_DT < SYSDATE THEN SUM (A.B\_ITEM\_QTY) ELSE 0 END )AS PAST\_DUE\_QTY,

(CASE

WHEN A.CUSTOMER\_REQUEST\_DT < SYSDATE THEN SUM (A.B\_CNST\_LOC\_CRNC\_AMT) ELSE 0 END) AS PAST\_DUE\_AMT

FROM ((((((((((((((((DM4.DM4113\_COSTED\_SALES\_DETAILS\_V A

INNER JOIN

DM4.DM4113\_ORGANIZATIONS\_DMN\_V B

ON B.ORGANIZATION\_ID=A.MANUFACTURING\_ORGANIZATION\_ID)

INNER JOIN

DM4.DM4113\_PROFIT\_CENTERS\_DMN\_V C

ON A.PROFIT\_CENTER\_ABBR\_NM=C.PROFIT\_CENTER\_ID )

INNER JOIN

DM4.DM4113\_SAP\_PROFIT\_CENTER\_DMN\_V D

ON A.SAP\_PROFIT\_CENTER\_CDE=D.SAP\_PROFIT\_CENTER\_CDE)

INNER JOIN

DM4.DM4113\_PRODUCTS\_DMN\_V E

ON A.PRODUCT\_CDE=E.PRODUCT\_CDE)

INNER JOIN

DM4.DM4113\_TCPN\_DMN\_V F

ON A.PART\_KEY\_ID=F.PART\_KEY\_ID)

INNER JOIN

DM4.DM4113\_CUSTOMER\_HIER\_DMN\_V G

ON G.HIERARCHY\_CUSTOMER\_ORG\_ID=A.HIERARCHY\_CUSTOMER\_ORG\_ID

AND G.HIERARCHY\_CUSTOMER\_BASE\_ID=A.HIERARCHY\_CUSTOMER\_BASE\_ID

AND G.HIERARCHY\_CUSTOMER\_SUFX\_ID=A.HIERARCHY\_CUSTOMER\_SUFX\_ID

AND G.HIERARCHY\_CUSTOMER\_IND=A.HIERARCHY\_CUSTOMER\_IND

AND G.SHIP\_TO\_ACCT\_ORGANIZATION\_ID= A.SHIP\_TO\_ACCT\_ORGANIZATION\_ID

AND G.SHIP\_TO\_ACCT\_BASE\_ID=A.SHIP\_TO\_ACCT\_BASE\_ID

AND G.SHIP\_TO\_ACCT\_SUFX\_ID=A.SHIP\_TO\_ACCT\_SUFX\_ID)

INNER JOIN

DM4.DM4113\_CUST\_WORLDWIDE\_DMN\_V H

ON G.WW\_CUST\_ACCT\_NBR=H.WW\_CUST\_ACCT\_NBR)

INNER JOIN

DM4.DM4113\_CUSTOMER\_SHIP\_TO\_DMN\_V I

ON A.SHIP\_TO\_ACCT\_ORGANIZATION\_ID=I.ST\_ACCT\_ORG\_ID

AND A.SHIP\_TO\_ACCT\_BASE\_ID=I.ST\_ACCT\_NBR\_BASE

AND A.SHIP\_TO\_ACCT\_SUFX\_ID=I.ST\_ACCT\_NBR\_SUFX)

INNER JOIN

DM4.DM4113\_SALES\_TERRITORIES\_DMN\_V J

ON J.TERRITORY\_CDE=A.SALES\_TERRITORY\_CDE

AND J.TERRITORY\_ORG\_ID=A.TERRITORY\_ORG\_ID)

INNER JOIN

DM4.DM4113\_SALES\_GROUP\_DMN\_V K

ON A.SBMT\_SALES\_GROUP\_CDE=K.SALES\_GROUP\_CDE)

INNER JOIN

DM4.DM4113\_PLANT\_ID\_DMN\_V L

ON A.PLANT\_ID=L.PLANT\_ID)

INNER JOIN

DM4.DM4113\_ORGANIZATIONS\_DMN\_V M

ON M.ORGANIZATION\_ID=A.SELLING\_ORGANIZATION\_ID)

LEFT OUTER JOIN

DM4.DM4113\_MATERIAL\_SLS\_ORGS\_DMN\_V N

ON A.SAP\_SALES\_ORGANIZATION\_ID = N.SALES\_ORGANIZATION\_ID

AND A.DISTRIBUTION\_CHANNEL\_CDE = N.DISTRIBUTION\_CHANNEL\_CDE

AND A.MATERIAL\_ID = N.MATERIAL\_ID)

INNER JOIN

DM4.DM4113\_FISCAL\_DATE\_DMN\_V O

ON A.CUSTOMER\_REQUEST\_DT = O.CALENDAR\_DT)

INNER JOIN

GBL\_CURRENT.GBL\_SALES\_OFFICES\_DDL R

ON R.SALES\_OFFICE\_CDE = G.SALES\_OFFICE\_CDE)

INNER JOIN

DM4.DM4113\_SALES\_STATS\_CTGRY\_DMN\_V S

ON A.SALES\_STAT\_CATEGORY\_CDE=S.SALES\_STATS\_CTGRY\_CDE)

INNER JOIN

DM4.DM4113\_SBMT\_SLSSTAT\_CTGR\_DMN\_V T

ON A.SBMT\_SLS\_STAT\_CATEGORY\_CDE=T.SBMT\_SALES\_STATS\_CTGRY\_CDE

WHERE A.BACKLOG\_IND = '1'

AND A.TYCO\_YEAR\_ID <> 1011

AND A.TRADE\_INTERCO\_IND = 'T'

AND (A.PROFIT\_CENTER\_ABBR\_NM = 'CSD'

OR E.LAYER1\_COMPETENCY\_BSNS\_CDE = '30002')

GROUP BY

B.LAYER2\_ORGANIZATION\_ID

, B.LAYER2\_ORGANIZATION\_SHORT\_NM

, B.LAYER3\_ORGANIZATION\_ID

, B.LAYER3\_ORGANIZATION\_SHORT\_NM

, A.MANUFACTURING\_ORGANIZATION\_ID

, B.ORGANIZATION\_SHORT\_NM

, C.PROFIT\_CENTER\_ABBR\_DESC

, D.SAP\_PROFIT\_CENTER\_SHORT\_DESC

, N.X\_DISTRIBUTION\_CHAIN\_STTS\_CDE

, R.DD1\_SALES\_OFFICE\_CDE

, E.LAYER1\_CMPE\_BSNS\_SHORT\_NM

, E.LAYER2\_CMPE\_BSNS\_SHORT\_NM

, E.LAYER3\_CMPE\_BSNS\_SHORT\_NM

, A.CUSTOMER\_REQUEST\_DT

, A.PRODUCT\_CDE

, E.PRODUCT\_NM

, A.SBMT\_SLS\_STAT\_CATEGORY\_CDE

, T.SBMT\_SALES\_STATS\_CTGRY\_NM

, S.SALES\_STATS\_CTGRY\_NM

, A.SALES\_STAT\_CATEGORY\_CDE

, E.PRODUCT\_LINE\_CDE

, G.SALES\_OFFICE\_CDE

, E.PRODUCT\_LINE\_SHORT\_NM

, F.TYCO\_ELECTRONICS\_CORP\_PART\_NBR

, F.PART\_DESC

, G.LEVEL\_1\_IBC\_CDE

, G.LEVEL\_1\_IBC\_NM

, G.LEVEL\_1\_INDUSTRY\_CDE

, G.LEVEL\_1\_INDUSTRY\_NM

, G.KEY\_CUSTOMER\_CDE

, G.KEY\_CUSTOMER\_DESC

, E.LAYER2\_COMPETENCY\_BSNS\_DESC

, H.DD1\_WW\_CUST\_ACCT\_NBR

, H.DD1\_WW\_CUST\_ACCT\_NM

, G.HIERARCHY\_CUSTOMER\_BASE\_ID

, G.HIERARCHY\_CUSTOMER\_NM

, A.SHIP\_TO\_ACCT\_BASE\_ID

, I.ST\_CUSTOMER\_NM

, I.ST\_ISO\_CTRY\_CDE

, J.LEVEL\_5\_TERRITORY\_PERSON\_NM

, J.LEVEL\_7\_TERRITORY\_PERSON\_NM

, A.HIERARCHY\_CUSTOMER\_BASE\_ID

, K.SALES\_GROUP\_NM

, A.PLANT\_ID

, L.PLANT\_NM

, R.DD2\_SALES\_OFFICE\_CDE

, R.DD3\_SALES\_OFFICE\_CDE

, A.SAP\_PROFIT\_CENTER\_CDE

, M.LAYER2\_ORGANIZATION\_ID

, M.LAYER2\_ORGANIZATION\_SHORT\_NM

, M.LAYER3\_ORGANIZATION\_ID

, M.LAYER2\_ORGANIZATION\_SHORT\_NM

, M.LAYER2\_ORGANIZATION\_SHORT\_NM

, (CASE

WHEN G.SALES\_OFFICE\_CDE in

('9702', '9700', '0036', '0110', '9703', '9501', '0001', '0003', '0026'

, '0046', '0105', '0112', '0115', '0118', '0119', '9305')

THEN 'AMER'

WHEN G.SALES\_OFFICE\_CDE in

('1400', '0007', '1011', '1013', '1027', '1043', '1044', '1045', '1047'

, '1048', '1049', '1050', '1055', '1060', '1070', '1080', '1090', '1092'

, '1105', '1125', '1140', '1141', '1180', '1185', '1190', '1192', '2000'

, '1172', '1302', '1303', '1305', '9603', '1028', '1416', '1029')

THEN 'EMEA'

WHEN G.SALES\_OFFICE\_CDE in

('0020', '0021', '0022', '0023', '0024', '0096', '1001', '1002', '1003'

, '1004', '1005', '1006', '1007')

THEN 'Japan'

WHEN G.SALES\_OFFICE\_CDE in

('0044', '1160', '1200', '1201', '1202', '1203', '1204', '1205', '1211', '1212', '1214', '1216')

THEN 'Korea'

WHEN G.SALES\_OFFICE\_CDE in

('1236', '9100', '9439', '1230', '1231', '9430', '9502', '1234', '9448', '0031', '0032', '0033'

, '0034', '0098', '1232', '1233', '9436', '9438', '9449', '9503', '0045', '9450', '9508', '1237'

, '1238', '9435')

THEN 'SOUTH AP'

WHEN (G.SALES\_OFFICE\_CDE in

('1235', '9103', '9204', '9504', '9509', '0053', '0060', '0061', '0063', '0064', '0069', '0070'

, '0071', '0072', '0073', '0074', '0075', '0076', '0077', '0078', '0079', '0080', '0081', '0082'

, '0083', '0084', '0086', '0087', '1150', '1151', '1152', '1153', '1154', '1155', '1156', '1157'

, '1158', '1159', '1161', '1162', '1163', '1164', '1165', '1166', '1167', '1168', '1169', '1171'

, '0050', '0051', '0052', '0054', '0055', '9511')

AND A.SAP\_PROFIT\_CENTER\_CDE = '0000000259'

AND C.PROFIT\_CENTER\_ABBR\_DESC = 'CSD')

OR G.SALES\_OFFICE\_CDE in ('0040', '0041', '0042', '0043', '0097', '1031', '1032', '1033')

THEN 'Taiwan'

WHEN (G.SALES\_OFFICE\_CDE in

('1235', '9103', '9204', '9504', '9509', '0053', '0060', '0061', '0063', '0064', '0069', '0070'

, '0071', '0072', '0073', '0074', '0075', '0076', '0077', '0078', '0079', '0080', '0081', '0082'

, '0083', '0084', '0086', '0087', '1150', '1151', '1152', '1153', '1154', '1155', '1156', '1157'

, '1158', '1159', '1161', '1162', '1163', '1164', '1165', '1166', '1167', '1168', '1169', '1171'

, '0050', '0051', '0052', '0054', '0055', '9511')

AND A.SAP\_PROFIT\_CENTER\_CDE <> '0000000259'

AND C.PROFIT\_CENTER\_ABBR\_DESC = 'CSD')

THEN 'China/HK'

WHEN R.DD1\_SALES\_OFFICE\_CDE = 'S003' THEN 'EMEA'

WHEN R.DD1\_SALES\_OFFICE\_CDE = 'S001' THEN 'AMER'

WHEN R.DD2\_SALES\_OFFICE\_CDE = 'S025' THEN 'Japan'

WHEN R.DD2\_SALES\_OFFICE\_CDE = 'S026' THEN 'Korea'

WHEN R.DD2\_SALES\_OFFICE\_CDE in ('S018', 'S006') THEN 'SOUTH AP'

WHEN R.DD3\_SALES\_OFFICE\_CDE in ('S028', 'S030') THEN 'China/HK'

WHEN R.DD3\_SALES\_OFFICE\_CDE = 'S029' then 'Taiwan'

ELSE 'Others' END)

, A.SELLING\_ORGANIZATION\_ID

, M.ORGANIZATION\_SHORT\_NM

, N.X\_DISTRIBUTION\_CHAIN\_STTS\_CDE)A;

COMMIT;

END;

* + 1. **Scheduled Agreements**

All Consumer Devices Scheduled Agreements data will be specific to the CSD Profit Center. . A combination of tables in views in the DM.5043 Schema will be required to compile all the elements into one dataset. Listed below are the data elements and the SQL Query that was previously developed.

|  |
| --- |
| **Data Elements** |
| DD2\_MFG\_ORG |
| DD2\_MFG\_ORG\_NM |
| DD3\_MFG\_ORG |
| DD3\_MFG\_ORG\_NM |
| MNTH\_YR |
| MANUFACTURING\_ORGANIZATION\_ID |
| SHORT\_NAME\_MFG\_ORG |
| PROFIT\_CENTER\_ABBR\_DESC |
| SAP\_PROFIT\_CENTER\_SHORT\_DESC |
| CBC |
| GPL\_FAMILY |
| GPL |
| GPL\_NM |
| PRODUCT\_CODE |
| PRODUCT\_NAME |
| PART\_NUMBER |
| PART\_DESCRIPTION |
| IBC |
| IBC\_NM |
| INDUSTRY\_CDE |
| INDUSTRY\_NM |
| DD1\_WW\_CUST\_ACCT\_NBR |
| DD1\_WW\_CUST\_ACCT\_NM |
| HIERARCHY\_CUSTOMER\_BASE\_ID |
| HIERARCHY\_CUSTOMER\_NM |
| KEY\_CUSTOMER\_CDE |
| KEY\_CUSTOMER\_DESC |
| SHIP\_TO\_ACCT\_BASE\_ID |
| ST\_CUSTOMER\_NM |
| ST\_ISO\_CTRY\_CDE |
| SALES\_MANAGER |
| DSE |
| CSR |
| PLANT\_ID |
| PLANT\_NAME |
| DD2\_ORG\_ID |
| DD2\_ORG\_NM |
| DD3\_ORG\_ID |
| DD3\_ORG\_NM |
| REGION |
| ORG\_ID |
| ORG\_NM |
| X\_DISTRIBUTION\_CHAIN\_STTS\_CDE |
| PAST\_DUE\_QTY |
| PAST\_DUE\_AMT |
| FORECAST\_QTY |
| FORECAST\_AMT |

* + - 1. **Scheduled Agreements SQL Query**

SELECT DISTINCT

L.LAYER2\_ORGANIZATION\_ID as DD2\_MFG\_ORG

, L.LAYER2\_ORGANIZATION\_SHORT\_NM as DD2\_MFG\_ORG\_NM

, L.LAYER3\_ORGANIZATION\_ID as DD3\_MFG\_ORG

, L.LAYER3\_ORGANIZATION\_SHORT\_NM as DD3\_MFG\_ORG\_NM

,to\_char(A.FORECAST\_WEEK\_END\_DT,'Mon')||'-'||to\_char(A.FORECAST\_WEEK\_END\_DT,'YY')Mnth\_Yr

, B.MANUFACTURING\_SOURCE\_ORG\_ID as MANUFACTURING\_ORGANIZATION\_ID

, L.ORGANIZATION\_SHORT\_NM as SHORT\_NAME\_MFG\_ORG

, O.MGE\_PROFIT\_CENTER\_ABBR\_NM as PROFIT\_CENTER\_ABBR\_DESC

, P.SAP\_PROFIT\_CENTER\_SHORT\_DESC

, K.LAYER1\_CMPE\_BSNS\_SHORT\_NM as CBC

, (CASE

WHEN K.PRODUCT\_LINE\_CDE='E39' THEN 'Service'

WHEN K.LAYER1\_CMPE\_BSNS\_SHORT\_NM <>'Consumer Devices' then 'Other-BU'

ELSE K.LAYER2\_COMPETENCY\_BSNS\_DESC end)GPL\_FAMILY

, K.PRODUCT\_LINE\_CDE as GPL

, K.PRODUCT\_LINE\_SHORT\_NM as GPL\_NM

, K.PRODUCT\_CDE PRODUCT\_CODE

, K.PRODUCT\_NM PRODUCT\_NAME

, F.TYCO\_ELECTRONICS\_CORP\_PART\_NBR AS PART\_NUMBER

, F.PART\_DESC PART\_DESCRIPTION

, C.LEVEL\_1\_IBC\_CDE as IBC

, C.LEVEL\_1\_IBC\_NM as IBC\_NM

, C.LEVEL\_1\_INDUSTRY\_CDE as INDUSTRY\_CDE

, C.LEVEL\_1\_INDUSTRY\_NM as INDUSTRY\_NM

,I.DD1\_WW\_CUST\_ACCT\_NBR

,I.DD1\_WW\_CUST\_ACCT\_NM

,A.HIERARCHY\_CUSTOMER\_BASE\_ID

,C.HIERARCHY\_CUSTOMER\_NM

, '' as KEY\_CUSTOMER\_CDE

, '' as KEY\_CUSTOMER\_DESC

, C.SHIP\_TO\_ACCT\_BASE\_ID

, C.SHIP\_TO\_CUSTOMER\_NM as ST\_CUSTOMER\_NM

, C.ISO\_CTRY\_CDE as ST\_ISO\_CTRY\_CDE

,E.GSTD\_DD5\_TERRITORY\_NM as Sales\_Manager

,D.TERRITORY\_NM as DSE

, J.SALES\_GROUP\_NM as CSR

,A.PLANT\_ID

, Q.PLANT\_NM as PLANT\_NAME

,R.LAYER2\_ORGANIZATION\_ID DD2\_Org\_ID

, R.LAYER2\_ORGANIZATION\_SHORT\_NM DD2\_Org\_NM

, R.LAYER3\_ORGANIZATION\_ID DD3\_Org\_ID

, R.LAYER2\_ORGANIZATION\_SHORT\_NM DD3\_Org\_NM

,(CASE

WHEN C.SALES\_OFFICE\_CDE IN

('9702', '9700', '0036', '0110', '9703', '9501', '0001', '0003', '0026'

, '0046', '0105', '0112', '0115', '0118', '0119', '9305') THEN 'AMER'

WHEN C.SALES\_OFFICE\_CDE IN

('1400', '0007', '1011', '1013', '1027', '1043', '1044', '1045', '1047'

, '1048', '1049', '1050', '1055', '1060', '1070', '1080', '1090', '1092'

, '1105', '1125', '1140', '1141', '1180', '1185', '1190', '1192', '2000'

, '1172', '1302', '1303', '1305', '9603', '1028', '1416', '1029')THEN 'EMEA'

WHEN C.SALES\_OFFICE\_CDE IN

('0020', '0021', '0022', '0023', '0024', '0096', '1001', '1002', '1003'

, '1004', '1005', '1006', '1007') THEN 'Japan'

When C.SALES\_OFFICE\_CDE IN

('0044', '1160', '1200', '1201', '1202', '1203', '1204', '1205', '1211', '1212', '1214', '1216')

THEN 'Korea'

WHEN C.SALES\_OFFICE\_CDE in

('1236', '9100', '9439', '1230', '1231', '9430', '9502', '1234', '9448', '0031', '0032', '0033'

,'0034', '0098', '1232', '1233', '9436', '9438', '9449', '9503', '0045', '9450', '9508', '1237'

,'1238', '9435') THEN 'SOUTH AP'

WHEN (C.SALES\_OFFICE\_CDE IN

('1235', '9103', '9204', '9504', '9509', '0053', '0060', '0061', '0063', '0064', '0069', '0070'

, '0071', '0072', '0073', '0074', '0075', '0076', '0077', '0078', '0079', '0080', '0081', '0082'

, '0083', '0084', '0086', '0087', '1150', '1151', '1152', '1153', '1154', '1155', '1156', '1157'

, '1158', '1159', '1161', '1162', '1163', '1164', '1165', '1166', '1167', '1168', '1169', '1171'

, '0050', '0051', '0052', '0054', '0055', '9511')

AND O.DFLT\_SAP\_PROFIT\_CENTER\_ID = '0000000259'

AND O.MGE\_PROFIT\_CENTER\_ABBR\_NM = 'CSD')

OR C.SALES\_OFFICE\_CDE IN ('0040', '0041', '0042', '0043', '0097', '1031', '1032', '1033') THEN Taiwan'

WHEN (C.SALES\_OFFICE\_CDE IN

('1235', '9103', '9204', '9504', '9509', '0053', '0060', '0061', '0063', '0064', '0069', '0070'

, '0071', '0072', '0073', '0074', '0075', '0076', '0077', '0078', '0079', '0080', '0081', '0082'

, '0083', '0084', '0086', '0087', '1150', '1151', '1152', '1153', '1154', '1155', '1156', '1157'

, '1158', '1159', '1161', '1162', '1163', '1164', '1165', '1166', '1167', '1168', '1169', '1171'

, '0050', '0051', '0052', '0054', '0055', '9511')

AND O.DFLT\_SAP\_PROFIT\_CENTER\_ID <> '0000000259'

AND O.MGE\_PROFIT\_CENTER\_ABBR\_NM = 'CSD') THEN 'China/HK'

WHEN C1.SALES\_OFFICE\_CDE = 'S003' then 'EMEA'

WHEN C1.SALES\_OFFICE\_CDE = 'S001' then 'AMER'

WHEN C1.SALES\_OFFICE\_CDE = 'S025' then 'Japan'

WHEN C1.SALES\_OFFICE\_CDE = 'S026' then 'Korea'

WHEN C1.SALES\_OFFICE\_CDE IN ('S018', 'S006') then 'SOUTH AP'

WHEN C1.SALES\_OFFICE\_CDE IN ('S028', 'S030') then 'China/HK'

WHEN C1.SALES\_OFFICE\_CDE = 'S029' then 'Taiwan'

ELSE 'Others'END) REGION

, A.REPORTING\_ORGANIZATION\_ID as ORG\_ID

, R.ORGANIZATION\_SHORT\_NM as ORG\_NM

, G.X\_DISTRIBUTION\_CHAIN\_STTS\_CDE

,(CASE

WHEN A.FORECAST\_WEEK\_END\_DT < SYSDATE THEN ROUND(SUM(A.FORECAST\_QTY),2) ELSE 0 END )PAST\_DUE\_QTY,

(CASE

WHEN A.FORECAST\_WEEK\_END\_DT < SYSDATE THEN ROUND(SUM(A.FORECAST\_US\_DOLLAR\_AMT),2) ELSE 0 END )PAST\_DUE\_AMT,

(CASE

WHEN A.FORECAST\_WEEK\_END\_DT >= SYSDATE THEN ROUND(SUM(A.FORECAST\_QTY),2) ELSE 0 END )FORECAST\_QTY,

CASE

WHEN A.FORECAST\_WEEK\_END\_DT >= SYSDATE THEN ROUND(SUM(A.FORECAST\_US\_DOLLAR\_AMT),2) ELSE 0 END )FORECAST\_AMT

FROM (((((((DM5.DM5043\_SCHD\_AGR\_DMD\_SMRS\_V A

LEFT OUTER JOIN

GCS.MANUFACTURING\_SOURCE\_ORGS B

on B.ORG\_ID = A.REPORTING\_ORGANIZATION\_ID

AND B.PART\_KEY\_ID = A.PART\_KEY\_ID

AND B.EXPIRATION\_DT is null)

INNER JOIN

DM5.DM5043\_CUSTOMER\_HIER\_DMN\_V C

on A.SHIP\_TO\_ACCT\_ORGANIZATION\_ID=C.SHIP\_TO\_ACCT\_ORGANIZATION\_ID

AND A.SHIP\_TO\_ACCT\_BASE\_ID=C.SHIP\_TO\_ACCT\_BASE\_ID

AND A.SHIP\_TO\_ACCT\_SUFX\_ID=C.SHIP\_TO\_ACCT\_SUFX\_ID

AND A.HIERARCHY\_CUSTOMER\_ORG\_ID=C.HIERARCHY\_CUSTOMER\_ORG\_ID

AND A.HIERARCHY\_CUSTOMER\_BASE\_ID=C.HIERARCHY\_CUSTOMER\_BASE\_ID

AND A.HIERARCHY\_CUSTOMER\_SUFX\_ID=C.HIERARCHY\_CUSTOMER\_SUFX\_ID

AND A.HIERARCHY\_CUSTOMER\_IND=C.HIERARCHY\_CUSTOMER\_IND)

LEFT OUTER JOIN

GBL\_CURRENT.GBL\_SALES\_OFFICES\_DDL C1

ON C.SALES\_OFFICE\_CDE = C1.SALES\_OFFICE\_CDE

LEFT OUTER JOIN

GBL\_CURRENT.GBL\_SALES\_TERRITORIES D

ON D.TERRITORY\_CDE = C.TERRITORY\_CDE

AND D.ORG\_ID = C.TERRITORY\_ORG\_ID )

LEFT OUTER JOIN

GBL\_CURRENT.GBL\_SALES\_TERRITORIES\_DDL E

ON D.TERRITORY\_CDE = E.GSTD\_TERRITORY\_CDE

AND D.ORG\_ID = E.GSTD\_TERRITORY\_ORG\_ID )

JOIN DM5.DM5043\_TCPN\_DMN\_V F

ON A.PART\_KEY\_ID=F.PART\_KEY\_ID)

LEFT OUTER JOIN

GBL\_CURRENT.MATERIAL\_SLS\_ORGS G

on A.SALES\_ORGANIZATION\_ID = G.SALES\_ORGANIZATION\_ID

AND A.DISTRIBUTION\_CHANNEL\_CDE = G.DISTRIBUTION\_CHANNEL\_CDE

AND F.TYCO\_ELECTRONICS\_CORP\_PART\_NBR = G.MATERIAL\_ID)

LEFT OUTER JOIN

GCS.GCS\_FROZEN\_COST\_V H

ON A.REPORTING\_ORGANIZATION\_ID = H.GFC\_ORG\_ID

AND H.GFC\_PART\_KEY\_ID = A.PART\_KEY\_ID

AND H.GFC\_COSTING\_PLANT\_ID = A.PLANT\_ID

AND H.GFCED\_EXP\_DATE is null )

, DM5.DM5043\_CUST\_WORLDWIDE\_DMN\_V I

, DM5.DM5043\_SALES\_GROUP\_DMN\_V J

, DM5.DM5043\_PRODUCTS\_DMN\_V K

, MASTER.ORGANIZATIONS\_DMN L

, DM5.DM5043\_FISCAL\_DATE\_DMN\_V M

, GBL\_CURRENT.GBL\_MGE\_PROFIT\_CENTER\_RELS N

, GBL\_CURRENT.GBL\_MGE\_PROFIT\_CENTERS O

, GBL\_CURRENT.GBL\_SAP\_PROFIT\_CENTERS P

, DM5.DM5043\_PLANT\_ID\_DMN\_V Q

, MASTER.ORGANIZATIONS\_DMN R

WHERE

A.PRODUCT\_CDE=K.PRODUCT\_CDE

AND J.SALES\_GROUP\_CDE=C.SALES\_GROUP\_CDE

AND I.WW\_CUST\_ACCT\_NBR=C.WW\_CUST\_ACCT\_NBR

AND B.MANUFACTURING\_SOURCE\_ORG\_ID =L.ORGANIZATION\_ID

AND L.RECORD\_STATUS\_CDE = 'C'

AND M.CALENDAR\_DT = A.FORECAST\_WEEK\_END\_DT

AND A.SNAPSHOT\_WEEK\_END\_DT = trunc(sysdate, 'day') -2

AND A.DISTRIBUTION\_CHANNEL\_CDE <> '03'

AND A.DOCUMENT\_TYPE\_CDE in ('ZLZ', 'LK')

AND A.FORECAST\_QTY IS NOT NULL

AND A.FORECAST\_QTY<>'0'

AND N.ORGANIZATION\_ID = A.REPORTING\_ORGANIZATION\_ID

AND K.LAYER5\_COMPETENCY\_BSNS\_CDE = N.COMPETENCY\_BUSINESS\_CDE

AND C.INDUSTRY\_BUSINESS\_CDE = N.INDUSTRY\_BUSINESS\_CDE

AND O.MGE\_PROFIT\_CENTER\_ID = N.MGE\_PROFIT\_CENTER\_ID

AND (K.LAYER1\_COMPETENCY\_BSNS\_CDE = '30002'

OR O.MGE\_PROFIT\_CENTER\_ABBR\_NM = 'CSD')

AND N.SAP\_PROFIT\_CENTER\_CDE = P.SAP\_PROFIT\_CENTER\_CDE

AND Q.PLANT\_ID = A.PLANT\_ID

AND A.REPORTING\_ORGANIZATION\_ID = R.ORGANIZATION\_ID

AND R.RECORD\_STATUS\_CDE = 'C'

GROUP BY

L.LAYER2\_ORGANIZATION\_ID

, L.LAYER2\_ORGANIZATION\_SHORT\_NM

, L.LAYER3\_ORGANIZATION\_ID

, L.LAYER3\_ORGANIZATION\_SHORT\_NM

, B.MANUFACTURING\_SOURCE\_ORG\_ID

, L.ORGANIZATION\_SHORT\_NM

, O.MGE\_PROFIT\_CENTER\_ABBR\_NM

, P.SAP\_PROFIT\_CENTER\_SHORT\_DESC

, K.LAYER1\_CMPE\_BSNS\_SHORT\_NM

, K.LAYER2\_CMPE\_BSNS\_SHORT\_NM

, K.LAYER3\_CMPE\_BSNS\_SHORT\_NM

, A.FORECAST\_WEEK\_END\_DT

, K.PRODUCT\_CDE

, K.PRODUCT\_NM

, K.PRODUCT\_LINE\_CDE

, K.PRODUCT\_LINE\_SHORT\_NM

, F.TYCO\_ELECTRONICS\_CORP\_PART\_NBR

, F.PART\_DESC

,C.LEVEL\_1\_IBC\_CDE

,C.LEVEL\_1\_IBC\_NM

,C.LEVEL\_1\_INDUSTRY\_CDE

,C.LEVEL\_1\_INDUSTRY\_NM

,I.DD1\_WW\_CUST\_ACCT\_NBR

,I.DD1\_WW\_CUST\_ACCT\_NM

,A.HIERARCHY\_CUSTOMER\_BASE\_ID

,C.HIERARCHY\_CUSTOMER\_NM

, ''

, ''

, C.SHIP\_TO\_ACCT\_BASE\_ID

, C.SHIP\_TO\_CUSTOMER\_NM

, C.ISO\_CTRY\_CDE

, E.GSTD\_DD5\_TERRITORY\_NM

, D.TERRITORY\_NM

, J.SALES\_GROUP\_NM

, A.PLANT\_ID

, Q.PLANT\_NM

,(CASE

WHEN K.PRODUCT\_LINE\_CDE='E39' THEN 'Service'

WHEN K.LAYER1\_CMPE\_BSNS\_SHORT\_NM <>'Consumer Devices' then 'Other-BU'

ELSE K.LAYER2\_COMPETENCY\_BSNS\_DESC end)

, O.DFLT\_SAP\_PROFIT\_CENTER\_ID

, R.LAYER2\_ORGANIZATION\_ID

, R.LAYER2\_ORGANIZATION\_SHORT\_NM

, R.LAYER3\_ORGANIZATION\_ID

, R.LAYER2\_ORGANIZATION\_SHORT\_NM

, ( Case

When C.SALES\_OFFICE\_CDE in

('9702', '9700', '0036', '0110', '9703', '9501', '0001', '0003', '0026'

, '0046', '0105', '0112', '0115', '0118', '0119', '9305')

then 'AMER'

When C.SALES\_OFFICE\_CDE in

('1400', '0007', '1011', '1013', '1027', '1043', '1044', '1045', '1047'

, '1048', '1049', '1050', '1055', '1060', '1070', '1080', '1090', '1092'

, '1105', '1125', '1140', '1141', '1180', '1185', '1190', '1192', '2000'

, '1172', '1302', '1303', '1305', '9603', '1028', '1416', '1029')

then 'EMEA'

When C.SALES\_OFFICE\_CDE in

('0020', '0021', '0022', '0023', '0024', '0096', '1001', '1002', '1003'

, '1004', '1005', '1006', '1007')

then 'Japan'

When C.SALES\_OFFICE\_CDE in

('0044', '1160', '1200', '1201', '1202', '1203', '1204', '1205', '1211', '1212', '1214', '1216')

then 'Korea'

When C.SALES\_OFFICE\_CDE in

('1236', '9100', '9439', '1230', '1231', '9430', '9502', '1234', '9448', '0031', '0032', '0033'

, '0034', '0098', '1232', '1233', '9436', '9438', '9449', '9503', '0045', '9450', '9508', '1237'

, '1238', '9435')

then 'SOUTH AP'

When (C.SALES\_OFFICE\_CDE in

('1235', '9103', '9204', '9504', '9509', '0053', '0060', '0061', '0063', '0064', '0069', '0070'

, '0071', '0072', '0073', '0074', '0075', '0076', '0077', '0078', '0079', '0080', '0081', '0082'

, '0083', '0084', '0086', '0087', '1150', '1151', '1152', '1153', '1154', '1155', '1156', '1157'

, '1158', '1159', '1161', '1162', '1163', '1164', '1165', '1166', '1167', '1168', '1169', '1171'

, '0050', '0051', '0052', '0054', '0055', '9511')

AND O.DFLT\_SAP\_PROFIT\_CENTER\_ID = '0000000259'

AND O.MGE\_PROFIT\_CENTER\_ABBR\_NM = 'CSD')

OR C.SALES\_OFFICE\_CDE in ('0040', '0041', '0042', '0043', '0097', '1031', '1032', '1033')

then 'Taiwan'

When (C.SALES\_OFFICE\_CDE in

('1235', '9103', '9204', '9504', '9509', '0053', '0060', '0061', '0063', '0064', '0069', '0070'

, '0071', '0072', '0073', '0074', '0075', '0076', '0077', '0078', '0079', '0080', '0081', '0082'

, '0083', '0084', '0086', '0087', '1150', '1151', '1152', '1153', '1154', '1155', '1156', '1157'

, '1158', '1159', '1161', '1162', '1163', '1164', '1165', '1166', '1167', '1168', '1169', '1171'

, '0050', '0051', '0052', '0054', '0055', '9511')

AND O.DFLT\_SAP\_PROFIT\_CENTER\_ID <> '0000000259'

AND O.MGE\_PROFIT\_CENTER\_ABBR\_NM = 'CSD')

then 'China/HK'

when C1.SALES\_OFFICE\_CDE = 'S003' then 'EMEA'

when C1.SALES\_OFFICE\_CDE = 'S001' then 'AMER'

when C1.SALES\_OFFICE\_CDE = 'S025' then 'Japan'

when C1.SALES\_OFFICE\_CDE = 'S026' then 'Korea'

when C1.SALES\_OFFICE\_CDE in ('S018', 'S006') then 'SOUTH AP'

when C1.SALES\_OFFICE\_CDE in ('S028', 'S030') then 'China/HK'

when C1.SALES\_OFFICE\_CDE = 'S029' then 'Taiwan'

Else

'Others'END)

, A.REPORTING\_ORGANIZATION\_ID

, R.ORGANIZATION\_SHORT\_NM

,TO\_CHAR(A.FORECAST\_WEEK\_END\_DT,'Mon')||'-'||TO\_CHAR(A.FORECAST\_WEEK\_END\_DT,'YY')

,G.X\_DISTRIBUTION\_CHAIN\_STTS\_CDE

* + - 1. **Scheduled Agreements Data Table Design**

The database table as created using the SWA account. The following data types and fields were specifically designed to accommodate the data content that is inserted in the data table. Listed below is the “Create Table” script

|  |
| --- |
| *-- Create table*  create table SAP\_SCHEDULED\_AGREEMENTS  (  DD2\_MFG\_ORG VARCHAR2(4),  DD2\_MFG\_ORG\_NM VARCHAR2(50),  DD3\_MFG\_ORG VARCHAR2(4),  DD3\_MFG\_ORG\_NM VARCHAR2(50),  MNTH\_YR CHAR(6),  MANUFACTURING\_ORGANIZATION\_ID VARCHAR2(4),  SHORT\_NAME\_MFG\_ORG VARCHAR2(50),  PROFIT\_CENTER\_ABBR\_DESC VARCHAR2(7),  SAP\_PROFIT\_CENTER\_SHORT\_DESC VARCHAR2(50),  CBC VARCHAR2(50),  GPL\_FAMILY VARCHAR2(50),  GPL VARCHAR2(3),  GPL\_NM VARCHAR2(100),  PRODUCT\_CODE VARCHAR2(4),  PRODUCT\_NAME VARCHAR2(120),  PART\_NUMBER VARCHAR2(40),  PART\_DESCRIPTION VARCHAR2(120),  IBC VARCHAR2(4),  IBC\_NM VARCHAR2(50),  INDUSTRY\_CDE VARCHAR2(4),  INDUSTRY\_NM VARCHAR2(50),  DD1\_WW\_CUST\_ACCT\_NBR VARCHAR2(14),  DD1\_WW\_CUST\_ACCT\_NM VARCHAR2(50),  HIERARCHY\_CUSTOMER\_BASE\_ID VARCHAR2(14),  HIERARCHY\_CUSTOMER\_NM VARCHAR2(50),  KEY\_CUSTOMER\_CDE VARCHAR2(4),  KEY\_CUSTOMER\_DESC VARCHAR2(50),  SHIP\_TO\_ACCT\_BASE\_ID VARCHAR2(8),  ST\_CUSTOMER\_NM VARCHAR2(50),  ST\_ISO\_CTRY\_CDE VARCHAR2(2),  SALES\_MANAGER VARCHAR2(50),  DSE VARCHAR2(50),  CSR VARCHAR2(50),  PLANT\_ID VARCHAR2(4),  PLANT\_NAME VARCHAR2(50),  DD2\_ORG\_ID VARCHAR2(4),  DD2\_ORG\_NM VARCHAR2(50),  DD3\_ORG\_ID VARCHAR2(4),  DD3\_ORG\_NM VARCHAR2(50),  REGION VARCHAR2(13),  ORG\_ID VARCHAR2(4),  ORG\_NM VARCHAR2(50),  X\_DISTRIBUTION\_CHAIN\_STTS\_CDE VARCHAR2(2),  PAST\_DUE\_QTY NUMBER,  PAST\_AMT\_QTY NUMBER,  FORECAST\_QTY NUMBER,  FORECAST\_AMT NUMBER,  )  tablespace SWA\_DATA\_A  pctfree 10  initrans 1  maxtrans 255  storage  (  initial 80K  next 1M  minextents 1  maxextents unlimited  );  *-- Grant/Revoke object privileges*  grant select, insert, update, delete on SAP\_SCHEDULED\_AGREEMENTS to SWA\_SOURCE; |
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* + - 1. **Scheduled Agreements Stored Procedure**

All Stored procedures are developed using the SWA\_SOURCE Account. The Scheduled Agreements Stored Procedure is specifically designed to execute the following:

* Delete from – Delete all current data in the database table
* Insert into – Insert all new data elements, once the SQL Query is completed.
* Stored Procedure Name – USP\_UPDSCHEDULEDAGREEMENTS



CREATE OR REPLACE PROCEDURE USP\_UPDSCHEDULEDAGREEMENTS AS

BEGIN

DELETE FROM SWA.SAP\_SCHEDULED\_AGREEMENTS;

INSERT INTO SWA.SAP\_SCHEDULED\_AGREEMENTS

SELECT

L.LAYER2\_ORGANIZATION\_ID as DD2\_MFG\_ORG

, L.LAYER2\_ORGANIZATION\_SHORT\_NM as DD2\_MFG\_ORG\_NM

, L.LAYER3\_ORGANIZATION\_ID as DD3\_MFG\_ORG

, L.LAYER3\_ORGANIZATION\_SHORT\_NM as DD3\_MFG\_ORG\_NM

,to\_char(A.FORECAST\_WEEK\_END\_DT,'Mon')||'-'||to\_char(A.FORECAST\_WEEK\_END\_DT,'YY')Mnth\_Yr

, B.MANUFACTURING\_SOURCE\_ORG\_ID as MANUFACTURING\_ORGANIZATION\_ID

, L.ORGANIZATION\_SHORT\_NM as SHORT\_NAME\_MFG\_ORG

, O.MGE\_PROFIT\_CENTER\_ABBR\_NM as PROFIT\_CENTER\_ABBR\_DESC

, P.SAP\_PROFIT\_CENTER\_SHORT\_DESC

, K.LAYER1\_CMPE\_BSNS\_SHORT\_NM as CBC

, (CASE

WHEN K.PRODUCT\_LINE\_CDE='E39' THEN 'Service'

WHEN K.LAYER1\_CMPE\_BSNS\_SHORT\_NM <>'Consumer Devices' then 'Other-BU'

ELSE K.LAYER2\_COMPETENCY\_BSNS\_DESC end)GPL\_FAMILY

, K.PRODUCT\_LINE\_CDE as GPL

, K.PRODUCT\_LINE\_SHORT\_NM as GPL\_NM

, K.PRODUCT\_CDE PRODUCT\_CODE

, K.PRODUCT\_NM PRODUCT\_NAME

, F.TYCO\_ELECTRONICS\_CORP\_PART\_NBR AS PART\_NUMBER

, F.PART\_DESC PART\_DESCRIPTION

, C.LEVEL\_1\_IBC\_CDE as IBC

, C.LEVEL\_1\_IBC\_NM as IBC\_NM

, C.LEVEL\_1\_INDUSTRY\_CDE as INDUSTRY\_CDE

, C.LEVEL\_1\_INDUSTRY\_NM as INDUSTRY\_NM

,I.DD1\_WW\_CUST\_ACCT\_NBR

,I.DD1\_WW\_CUST\_ACCT\_NM

,A.HIERARCHY\_CUSTOMER\_BASE\_ID

,C.HIERARCHY\_CUSTOMER\_NM

, '' as KEY\_CUSTOMER\_CDE

, '' as KEY\_CUSTOMER\_DESC

, C.SHIP\_TO\_ACCT\_BASE\_ID

, C.SHIP\_TO\_CUSTOMER\_NM as ST\_CUSTOMER\_NM

, C.ISO\_CTRY\_CDE as ST\_ISO\_CTRY\_CDE

,E.GSTD\_DD5\_TERRITORY\_NM as Sales\_Manager

,D.TERRITORY\_NM as DSE

, J.SALES\_GROUP\_NM as CSR

,A.PLANT\_ID

, Q.PLANT\_NM as PLANT\_NAME

,R.LAYER2\_ORGANIZATION\_ID DD2\_Org\_ID

, R.LAYER2\_ORGANIZATION\_SHORT\_NM DD2\_Org\_NM

, R.LAYER3\_ORGANIZATION\_ID DD3\_Org\_ID

, R.LAYER2\_ORGANIZATION\_SHORT\_NM DD3\_Org\_NM

,( Case

When C.SALES\_OFFICE\_CDE in

('9702', '9700', '0036', '0110', '9703', '9501', '0001', '0003', '0026'

, '0046', '0105', '0112', '0115', '0118', '0119', '9305')

then 'AMER'

When C.SALES\_OFFICE\_CDE in

('1400', '0007', '1011', '1013', '1027', '1043', '1044', '1045', '1047'

, '1048', '1049', '1050', '1055', '1060', '1070', '1080', '1090', '1092'

, '1105', '1125', '1140', '1141', '1180', '1185', '1190', '1192', '2000'

, '1172', '1302', '1303', '1305', '9603', '1028', '1416', '1029')

then 'EMEA'

When C.SALES\_OFFICE\_CDE in

('0020', '0021', '0022', '0023', '0024', '0096', '1001', '1002', '1003'

, '1004', '1005', '1006', '1007')

then 'Japan'

When C.SALES\_OFFICE\_CDE in

('0044', '1160', '1200', '1201', '1202', '1203', '1204', '1205', '1211', '1212', '1214', '1216')

then 'Korea'

When C.SALES\_OFFICE\_CDE in

('1236', '9100', '9439', '1230', '1231', '9430', '9502', '1234', '9448', '0031', '0032', '0033'

, '0034', '0098', '1232', '1233', '9436', '9438', '9449', '9503', '0045', '9450', '9508', '1237'

, '1238', '9435')

then 'SOUTH AP'

When (C.SALES\_OFFICE\_CDE in

('1235', '9103', '9204', '9504', '9509', '0053', '0060', '0061', '0063', '0064', '0069', '0070'

, '0071', '0072', '0073', '0074', '0075', '0076', '0077', '0078', '0079', '0080', '0081', '0082'

, '0083', '0084', '0086', '0087', '1150', '1151', '1152', '1153', '1154', '1155', '1156', '1157'

, '1158', '1159', '1161', '1162', '1163', '1164', '1165', '1166', '1167', '1168', '1169', '1171'

, '0050', '0051', '0052', '0054', '0055', '9511')

AND O.DFLT\_SAP\_PROFIT\_CENTER\_ID = '0000000259'

AND O.MGE\_PROFIT\_CENTER\_ABBR\_NM = 'CSD')

OR C.SALES\_OFFICE\_CDE in ('0040', '0041', '0042', '0043', '0097', '1031', '1032', '1033')

then 'Taiwan'

When (C.SALES\_OFFICE\_CDE in

('1235', '9103', '9204', '9504', '9509', '0053', '0060', '0061', '0063', '0064', '0069', '0070'

, '0071', '0072', '0073', '0074', '0075', '0076', '0077', '0078', '0079', '0080', '0081', '0082'

, '0083', '0084', '0086', '0087', '1150', '1151', '1152', '1153', '1154', '1155', '1156', '1157'

, '1158', '1159', '1161', '1162', '1163', '1164', '1165', '1166', '1167', '1168', '1169', '1171'

, '0050', '0051', '0052', '0054', '0055', '9511')

AND O.DFLT\_SAP\_PROFIT\_CENTER\_ID <> '0000000259'

AND O.MGE\_PROFIT\_CENTER\_ABBR\_NM = 'CSD')

then 'China/HK'

when C1.SALES\_OFFICE\_CDE = 'S003' then 'EMEA'

when C1.SALES\_OFFICE\_CDE = 'S001' then 'AMER'

when C1.SALES\_OFFICE\_CDE = 'S025' then 'Japan'

when C1.SALES\_OFFICE\_CDE = 'S026' then 'Korea'

when C1.SALES\_OFFICE\_CDE in ('S018', 'S006') then 'SOUTH AP'

when C1.SALES\_OFFICE\_CDE in ('S028', 'S030') then 'China/HK'

when C1.SALES\_OFFICE\_CDE = 'S029' then 'Taiwan'

Else

'Others'END) REGION

, A.REPORTING\_ORGANIZATION\_ID as ORG\_ID

, R.ORGANIZATION\_SHORT\_NM as ORG\_NM

, G.X\_DISTRIBUTION\_CHAIN\_STTS\_CDE

,(CASE

WHEN A.FORECAST\_WEEK\_END\_DT < SYSDATE THEN ROUND(SUM(A.FORECAST\_QTY),2) ELSE 0 END )PAST\_DUE\_QTY,

(CASE

WHEN A.FORECAST\_WEEK\_END\_DT < SYSDATE THEN ROUND(SUM(A.FORECAST\_US\_DOLLAR\_AMT),2) ELSE 0 END )PAST\_DUE\_AMT,

(CASE

WHEN A.FORECAST\_WEEK\_END\_DT >= SYSDATE THEN ROUND(SUM(A.FORECAST\_QTY),2) ELSE 0 END )FORECAST\_QTY, (CASE

WHEN A.FORECAST\_WEEK\_END\_DT >= SYSDATE THEN ROUND(SUM(A.FORECAST\_US\_DOLLAR\_AMT),2) ELSE 0 END )FORECAST\_AMT

FROM (((((((DM5.DM5043\_SCHD\_AGR\_DMD\_SMRS\_V A

LEFT OUTER JOIN

GCS.MANUFACTURING\_SOURCE\_ORGS B

on B.ORG\_ID = A.REPORTING\_ORGANIZATION\_ID

AND B.PART\_KEY\_ID = A.PART\_KEY\_ID

AND B.EXPIRATION\_DT is null)

INNER JOIN

DM5.DM5043\_CUSTOMER\_HIER\_DMN\_V C

on A.SHIP\_TO\_ACCT\_ORGANIZATION\_ID=C.SHIP\_TO\_ACCT\_ORGANIZATION\_ID

AND A.SHIP\_TO\_ACCT\_BASE\_ID=C.SHIP\_TO\_ACCT\_BASE\_ID

AND A.SHIP\_TO\_ACCT\_SUFX\_ID=C.SHIP\_TO\_ACCT\_SUFX\_ID

AND A.HIERARCHY\_CUSTOMER\_ORG\_ID=C.HIERARCHY\_CUSTOMER\_ORG\_ID

AND A.HIERARCHY\_CUSTOMER\_BASE\_ID=C.HIERARCHY\_CUSTOMER\_BASE\_ID

AND A.HIERARCHY\_CUSTOMER\_SUFX\_ID=C.HIERARCHY\_CUSTOMER\_SUFX\_ID

AND A.HIERARCHY\_CUSTOMER\_IND=C.HIERARCHY\_CUSTOMER\_IND)

LEFT OUTER JOIN

GBL\_CURRENT.GBL\_SALES\_OFFICES\_DDL C1

ON C.SALES\_OFFICE\_CDE = C1.SALES\_OFFICE\_CDE

LEFT OUTER JOIN

GBL\_CURRENT.GBL\_SALES\_TERRITORIES D

ON D.TERRITORY\_CDE = C.TERRITORY\_CDE

AND D.ORG\_ID = C.TERRITORY\_ORG\_ID )

LEFT OUTER JOIN

GBL\_CURRENT.GBL\_SALES\_TERRITORIES\_DDL E

ON D.TERRITORY\_CDE = E.GSTD\_TERRITORY\_CDE

AND D.ORG\_ID = E.GSTD\_TERRITORY\_ORG\_ID )

JOIN DM5.DM5043\_TCPN\_DMN\_V F

ON A.PART\_KEY\_ID=F.PART\_KEY\_ID)

LEFT OUTER JOIN

GBL\_CURRENT.MATERIAL\_SLS\_ORGS G

on A.SALES\_ORGANIZATION\_ID = G.SALES\_ORGANIZATION\_ID

AND A.DISTRIBUTION\_CHANNEL\_CDE = G.DISTRIBUTION\_CHANNEL\_CDE

AND F.TYCO\_ELECTRONICS\_CORP\_PART\_NBR = G.MATERIAL\_ID)

LEFT OUTER JOIN

GCS.GCS\_FROZEN\_COST\_V H

ON A.REPORTING\_ORGANIZATION\_ID = H.GFC\_ORG\_ID

AND H.GFC\_PART\_KEY\_ID = A.PART\_KEY\_ID

AND H.GFC\_COSTING\_PLANT\_ID = A.PLANT\_ID

AND H.GFCED\_EXP\_DATE is null )

, DM5.DM5043\_CUST\_WORLDWIDE\_DMN\_V I

, DM5.DM5043\_SALES\_GROUP\_DMN\_V J

, DM5.DM5043\_PRODUCTS\_DMN\_V K

, MASTER.ORGANIZATIONS\_DMN L

, DM5.DM5043\_FISCAL\_DATE\_DMN\_V M

, GBL\_CURRENT.GBL\_MGE\_PROFIT\_CENTER\_RELS N

, GBL\_CURRENT.GBL\_MGE\_PROFIT\_CENTERS O

, GBL\_CURRENT.GBL\_SAP\_PROFIT\_CENTERS P

, DM5.DM5043\_PLANT\_ID\_DMN\_V Q

, MASTER.ORGANIZATIONS\_DMN R

WHERE

A.PRODUCT\_CDE=K.PRODUCT\_CDE

AND J.SALES\_GROUP\_CDE=C.SALES\_GROUP\_CDE

AND I.WW\_CUST\_ACCT\_NBR=C.WW\_CUST\_ACCT\_NBR

AND B.MANUFACTURING\_SOURCE\_ORG\_ID =L.ORGANIZATION\_ID

AND L.RECORD\_STATUS\_CDE = 'C'

AND M.CALENDAR\_DT = A.FORECAST\_WEEK\_END\_DT

AND A.SNAPSHOT\_WEEK\_END\_DT = trunc(sysdate, 'day') -2

AND A.DISTRIBUTION\_CHANNEL\_CDE <> '03'

AND A.DOCUMENT\_TYPE\_CDE in ('ZLZ', 'LK')

AND A.FORECAST\_QTY IS NOT NULL

AND A.FORECAST\_QTY<>'0'

AND N.ORGANIZATION\_ID = A.REPORTING\_ORGANIZATION\_ID

AND K.LAYER5\_COMPETENCY\_BSNS\_CDE = N.COMPETENCY\_BUSINESS\_CDE

AND C.INDUSTRY\_BUSINESS\_CDE = N.INDUSTRY\_BUSINESS\_CDE

AND O.MGE\_PROFIT\_CENTER\_ID = N.MGE\_PROFIT\_CENTER\_ID

AND (K.LAYER1\_COMPETENCY\_BSNS\_CDE = '30002'

OR O.MGE\_PROFIT\_CENTER\_ABBR\_NM = 'CSD')

AND N.SAP\_PROFIT\_CENTER\_CDE = P.SAP\_PROFIT\_CENTER\_CDE

AND Q.PLANT\_ID = A.PLANT\_ID

AND A.REPORTING\_ORGANIZATION\_ID = R.ORGANIZATION\_ID

AND R.RECORD\_STATUS\_CDE = 'C'

GROUP BY

L.LAYER2\_ORGANIZATION\_ID

, L.LAYER2\_ORGANIZATION\_SHORT\_NM

, L.LAYER3\_ORGANIZATION\_ID

, L.LAYER3\_ORGANIZATION\_SHORT\_NM

, B.MANUFACTURING\_SOURCE\_ORG\_ID

, L.ORGANIZATION\_SHORT\_NM

, O.MGE\_PROFIT\_CENTER\_ABBR\_NM

, P.SAP\_PROFIT\_CENTER\_SHORT\_DESC

, K.LAYER1\_CMPE\_BSNS\_SHORT\_NM

, K.LAYER2\_CMPE\_BSNS\_SHORT\_NM

, K.LAYER3\_CMPE\_BSNS\_SHORT\_NM

, A.FORECAST\_WEEK\_END\_DT

, K.PRODUCT\_CDE

, K.PRODUCT\_NM

, K.PRODUCT\_LINE\_CDE

, K.PRODUCT\_LINE\_SHORT\_NM

, F.TYCO\_ELECTRONICS\_CORP\_PART\_NBR

, F.PART\_DESC

,C.LEVEL\_1\_IBC\_CDE

,C.LEVEL\_1\_IBC\_NM

,C.LEVEL\_1\_INDUSTRY\_CDE

,C.LEVEL\_1\_INDUSTRY\_NM

,I.DD1\_WW\_CUST\_ACCT\_NBR

,I.DD1\_WW\_CUST\_ACCT\_NM

,A.HIERARCHY\_CUSTOMER\_BASE\_ID

,C.HIERARCHY\_CUSTOMER\_NM

, ''

, ''

, C.SHIP\_TO\_ACCT\_BASE\_ID

, C.SHIP\_TO\_CUSTOMER\_NM

, C.ISO\_CTRY\_CDE

, E.GSTD\_DD5\_TERRITORY\_NM

, D.TERRITORY\_NM

, J.SALES\_GROUP\_NM

, A.PLANT\_ID

, Q.PLANT\_NM

,(CASE

WHEN K.PRODUCT\_LINE\_CDE='E39' THEN 'Service'

WHEN K.LAYER1\_CMPE\_BSNS\_SHORT\_NM <>'Consumer Devices' then 'Other-BU'

ELSE K.LAYER2\_COMPETENCY\_BSNS\_DESC end)

, O.DFLT\_SAP\_PROFIT\_CENTER\_ID

, R.LAYER2\_ORGANIZATION\_ID

, R.LAYER2\_ORGANIZATION\_SHORT\_NM

, R.LAYER3\_ORGANIZATION\_ID

, R.LAYER2\_ORGANIZATION\_SHORT\_NM

, ( Case

When C.SALES\_OFFICE\_CDE in

('9702', '9700', '0036', '0110', '9703', '9501', '0001', '0003', '0026'

, '0046', '0105', '0112', '0115', '0118', '0119', '9305')

then 'AMER'

When C.SALES\_OFFICE\_CDE in

('1400', '0007', '1011', '1013', '1027', '1043', '1044', '1045', '1047'

, '1048', '1049', '1050', '1055', '1060', '1070', '1080', '1090', '1092'

, '1105', '1125', '1140', '1141', '1180', '1185', '1190', '1192', '2000'

, '1172', '1302', '1303', '1305', '9603', '1028', '1416', '1029')

then 'EMEA'

When C.SALES\_OFFICE\_CDE in

('0020', '0021', '0022', '0023', '0024', '0096', '1001', '1002', '1003'

, '1004', '1005', '1006', '1007')

then 'Japan'

When C.SALES\_OFFICE\_CDE in

('0044', '1160', '1200', '1201', '1202', '1203', '1204', '1205', '1211', '1212', '1214', '1216')

then 'Korea'

When C.SALES\_OFFICE\_CDE in

('1236', '9100', '9439', '1230', '1231', '9430', '9502', '1234', '9448', '0031', '0032', '0033'

, '0034', '0098', '1232', '1233', '9436', '9438', '9449', '9503', '0045', '9450', '9508', '1237'

, '1238', '9435')

then 'SOUTH AP'

When (C.SALES\_OFFICE\_CDE in

('1235', '9103', '9204', '9504', '9509', '0053', '0060', '0061', '0063', '0064', '0069', '0070'

, '0071', '0072', '0073', '0074', '0075', '0076', '0077', '0078', '0079', '0080', '0081', '0082'

, '0083', '0084', '0086', '0087', '1150', '1151', '1152', '1153', '1154', '1155', '1156', '1157'

, '1158', '1159', '1161', '1162', '1163', '1164', '1165', '1166', '1167', '1168', '1169', '1171'

, '0050', '0051', '0052', '0054', '0055', '9511')

AND O.DFLT\_SAP\_PROFIT\_CENTER\_ID = '0000000259'

AND O.MGE\_PROFIT\_CENTER\_ABBR\_NM = 'CSD')

OR C.SALES\_OFFICE\_CDE in ('0040', '0041', '0042', '0043', '0097', '1031', '1032', '1033')

then 'Taiwan'

When (C.SALES\_OFFICE\_CDE in

('1235', '9103', '9204', '9504', '9509', '0053', '0060', '0061', '0063', '0064', '0069', '0070'

, '0071', '0072', '0073', '0074', '0075', '0076', '0077', '0078', '0079', '0080', '0081', '0082'

, '0083', '0084', '0086', '0087', '1150', '1151', '1152', '1153', '1154', '1155', '1156', '1157'

, '1158', '1159', '1161', '1162', '1163', '1164', '1165', '1166', '1167', '1168', '1169', '1171'

, '0050', '0051', '0052', '0054', '0055', '9511')

AND O.DFLT\_SAP\_PROFIT\_CENTER\_ID <> '0000000259'

AND O.MGE\_PROFIT\_CENTER\_ABBR\_NM = 'CSD')

then 'China/HK'

when C1.SALES\_OFFICE\_CDE = 'S003' then 'EMEA'

when C1.SALES\_OFFICE\_CDE = 'S001' then 'AMER'

when C1.SALES\_OFFICE\_CDE = 'S025' then 'Japan'

when C1.SALES\_OFFICE\_CDE = 'S026' then 'Korea'

when C1.SALES\_OFFICE\_CDE in ('S018', 'S006') then 'SOUTH AP'

when C1.SALES\_OFFICE\_CDE in ('S028', 'S030') then 'China/HK'

when C1.SALES\_OFFICE\_CDE = 'S029' then 'Taiwan'

Else

'Others'END)

, A.REPORTING\_ORGANIZATION\_ID

, R.ORGANIZATION\_SHORT\_NM

,to\_char(A.FORECAST\_WEEK\_END\_DT,'Mon')||'-'||to\_char(A.FORECAST\_WEEK\_END\_DT,'YY')

,G.X\_DISTRIBUTION\_CHAIN\_STTS\_CDE;

COMMIT;

END;

* 1. Billings Daily

All Consumer Devices Billings data will be specific to the CSD Profit Center. . A combination of tables and views in the DM.4113 Schema will be required to compile all the elements into one dataset. Listed below are the data elements and the SQL Query that was previously developed.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  | | --- | | ***Data Elements*** | | REGION | | ORG\_ID | | ORG\_NM | | MNTH\_YR | | PROFIT\_CENTER\_ABBR\_DESC | | SAP\_PROFIT\_CENTER\_SHORT\_DESC | | CBC | | GPL\_FAMILY | | GPL\_CODE | | GPL\_DESCRIPTION | | PROD\_CODE | | PRODUCT\_DESCRIPTION | | PART\_NUMBER | | PART\_DESCRIPTION | | X\_DISTRIBUTION\_CHAIN\_STTS\_CDE | | SALES\_STATS\_CATEGORY\_CODE | | SALES\_STATS\_CATEGORY\_NAME | | SBMT\_SLS\_STAT\_CATEGORY\_CDE | | SBMT\_SALES\_STATS\_CATEGORY\_NAME | | IBC | | IBC\_NM | | DD1\_INDUSTRY\_CDE | | INDUSTRT\_CDE\_NM | | DD1\_WW\_CUST\_ACCT\_NBR | | DD1\_WW\_CUST\_ACCT\_NM | | KEY\_CUSTOMER\_CDE | | KEY\_CUSTOMER\_DESC | | SOLD\_TO\_ID | | SOLD\_TO\_NM | | SHIP\_TO\_ACCT\_BASE\_ID | | ST\_CUSTOMER\_NM | | ST\_ISO\_CTRY\_CDE | | SALES\_MANAGER | | DSE | | CSR | | PLANT\_ID | | PLANT\_NAME | | SHIPPED\_QTY | | ASP | | SHIPPED\_AMOUNT | |

* + - 1. **Billings Daily SQL Query**

SELECT DISTINCT

A.REGION

,A.ORG\_ID

,A.ORG\_NM

,(CASE

WHEN A.SHIPMENT\_DATE ='2011-1' then 'Oct-10'

WHEN A.SHIPMENT\_DATE ='2011-2' then 'Nov-10'

WHEN A.SHIPMENT\_DATE ='2011-3' then 'Dec-10'

WHEN A.SHIPMENT\_DATE ='2011-4' then 'Jan-11'

WHEN A.SHIPMENT\_DATE ='2011-5' then 'Feb-11'

WHEN A.SHIPMENT\_DATE ='2011-6' then 'Mar-11'

WHEN A.SHIPMENT\_DATE ='2011-7' then 'Apr-11'

WHEN A.SHIPMENT\_DATE ='2011-8' then 'May-11'

WHEN A.SHIPMENT\_DATE ='2011-9' then 'Jun-11'

WHEN A.SHIPMENT\_DATE ='2011-10' then 'Jul-11'

WHEN A.SHIPMENT\_DATE ='2011-11' then 'Aug-11'

WHEN A.SHIPMENT\_DATE ='2011-12' then 'Sep-11'

*--fiscal year 2012--*

WHEN A.SHIPMENT\_DATE ='2012-1' then 'Oct-11'

WHEN A.SHIPMENT\_DATE ='2012-2' then 'Nov-11'

WHEN A.SHIPMENT\_DATE ='2012-3' then 'Dec-11'

WHEN A.SHIPMENT\_DATE ='2012-4' then 'Jan-12'

WHEN A.SHIPMENT\_DATE ='2012-5' then 'Feb-12'

WHEN A.SHIPMENT\_DATE ='2012-6' then 'Mar-12'

WHEN A.SHIPMENT\_DATE ='2012-7' then 'Apr-12'

WHEN A.SHIPMENT\_DATE ='2012-8' then 'May-12'

WHEN A.SHIPMENT\_DATE ='2012-9' then 'Jun-12'

WHEN A.SHIPMENT\_DATE ='2012-10' then 'Jul-12'

WHEN A.SHIPMENT\_DATE ='2012-11' then 'Aug-12'

WHEN A.SHIPMENT\_DATE ='2012-12' then 'Sep-12'

*--Fiscal year32013--*

WHEN A.SHIPMENT\_DATE ='2013-1' then 'Oct-12'

WHEN A.SHIPMENT\_DATE ='2013-2' then 'Nov-12'

WHEN A.SHIPMENT\_DATE ='2013-3' then 'Dec-12'

WHEN A.SHIPMENT\_DATE ='2013-4' then 'Jan-13'

WHEN A.SHIPMENT\_DATE ='2013-5' then 'Feb-13'

WHEN A.SHIPMENT\_DATE ='2013-6' then 'Mar-13'

WHEN A.SHIPMENT\_DATE ='2013-7' then 'Apr-13'

WHEN A.SHIPMENT\_DATE ='2013-8' then 'May-13'

WHEN A.SHIPMENT\_DATE ='2013-9' then 'Jun-13'

WHEN A.SHIPMENT\_DATE ='2013-10' then 'Jul-13'

WHEN A.SHIPMENT\_DATE ='2013-11' then 'Aug-13'

WHEN A.SHIPMENT\_DATE ='2013-12' then 'Sep-12'

*--Fiscal year32014--*

WHEN A.SHIPMENT\_DATE ='2014-1' then 'Oct-13'

WHEN A.SHIPMENT\_DATE ='2014-2' then 'Nov-13'

WHEN A.SHIPMENT\_DATE ='2014-3' then 'Dec-13'

WHEN A.SHIPMENT\_DATE ='2014-4' then 'Jan-14'

WHEN A.SHIPMENT\_DATE ='2014-5' then 'Feb-14'

WHEN A.SHIPMENT\_DATE ='2014-6' then 'Mar-14'

WHEN A.SHIPMENT\_DATE ='2014-7' then 'Apr-14'

WHEN A.SHIPMENT\_DATE ='2014-8' then 'May-14'

WHEN A.SHIPMENT\_DATE ='2014-9' then 'Jun-14'

WHEN A.SHIPMENT\_DATE ='2014-10' then 'Jul-14'

WHEN A.SHIPMENT\_DATE ='2014-11' then 'Aug-14'

WHEN A.SHIPMENT\_DATE ='2014-12' then 'Sep-14'

WHEN A.SHIPMENT\_DATE ='9933-12' then 'Dec-33'

ELSE A.SHIPMENT\_DATE END) MNTH\_YR

,A.PROFIT\_CENTER\_ABBR\_DESC

,A.SAP\_PROFIT\_CENTER\_SHORT\_DESC

,A.CBC

,A.GPL\_FAMILY

,A.GPL AS GPL\_CODE

,A.GPL\_NM AS GPL\_DESCRIPTION

,A.PRODUCT\_CDE AS PROD\_CODE

,A.PRODUCT\_NM AS PRODUCT\_DESCRIPTION

,A.TYCO\_ELECTRONICS\_CORP\_PART\_NBR AS PART\_NUMBER

,A.PART\_DESC AS PART\_DESCRIPTION

,A.X\_DISTRIBUTION\_CHAIN\_STTS\_CDE

,A.SALES\_STAT\_CATEGORY\_CDE SALES\_STATS\_CATEGORY\_CODE

,A.SALES\_STATS\_CTGRY\_NM SALES\_STATS\_CATEGORY\_NAME

,A.SBMT\_SLS\_STAT\_CATEGORY\_CDE

,A.SBMT\_SALES\_STATS\_CTGRY\_NM SBMT\_SALES\_STATS\_CATEGORY\_NAME

,A.IBC

,A.IBC\_NM

,A.INDUSTRY\_CDE AS DD1\_INDUSTRY\_CDE

,A.INDUSTRY\_NM AS INDUSTRT\_CDE\_NM

,A.DD1\_WW\_CUST\_ACCT\_NBR

,A.DD1\_WW\_CUST\_ACCT\_NM

,A.KEY\_CUSTOMER\_CDE

,A.KEY\_CUSTOMER\_DESC

,A.HIERARCHY\_CUSTOMER\_BASE\_ID AS SOLD\_TO\_ID

,A.HIERARCHY\_CUSTOMER\_NM AS SOLD\_TO\_NM

,A.SHIP\_TO\_ACCT\_BASE\_ID

,A.ST\_CUSTOMER\_NM

,A.ST\_ISO\_CTRY\_CDE

,A.SALES\_MANAGER

,A.DSE

,A.CSR

,A.PLANT\_ID

,A.PLANT\_NAME

,SHIPPED\_QTY

,ASP

,A.SHIPPED\_AMOUNT

FROM (

SELECT DISTINCT

(CASE

WHEN G.SALES\_OFFICE\_CDE in

('9702', '9700', '0036', '0110', '9703', '9501', '0001', '0003', '0026'

,'0046', '0105', '0112', '0115', '0118', '0119','0199', '9305') THEN 'AMER'

WHEN G.SALES\_OFFICE\_CDE in

('1400', '0007', '1011', '1013', '1027', '1043', '1044', '1045', '1047'

,'1048', '1049', '1050', '1055', '1060', '1070', '1080', '1090', '1092'

,'1105', '1125', '1140', '1141', '1180', '1185', '1190', '1192', '2000'

,'1172', '1302', '1303', '1305', '9603', '1028', '1416', '1029') THEN 'EMEA'

WHEN G.SALES\_OFFICE\_CDE in

('0020', '0021', '0022', '0023', '0024', '0096', '1001', '1002', '1003'

,'1004', '1005', '1006', '1007') THEN 'Japan'

WHEN G.SALES\_OFFICE\_CDE in

('0044', '1160', '1200', '1201', '1202', '1203', '1204', '1205', '1211', '1212', '1214', '1216')THEN 'Korea'

WHEN G.SALES\_OFFICE\_CDE in

('1236', '9100', '9439', '1230', '1231', '9430', '9502', '1234', '9448', '0031', '0032', '0033'

,'0034', '0098', '1232', '1233', '9436', '9438', '9449', '9503', '0045', '9450', '9508', '1237'

, '1238', '9435') THEN 'SOUTH AP'

WHEN (G.SALES\_OFFICE\_CDE IN

('1235', '9103', '9204', '9504', '9509', '0053', '0060', '0061', '0063', '0064', '0069', '0070'

,'0071', '0072', '0073', '0074', '0075', '0076', '0077', '0078', '0079', '0080', '0081', '0082'

,'0083', '0084', '0086', '0087', '1150', '1151', '1152', '1153', '1154', '1155', '1156', '1157'

,'1158', '1159', '1161', '1162', '1163', '1164', '1165', '1166', '1167', '1168', '1169', '1171'

,'0050', '0051', '0052', '0054', '0055', '9511')

AND A.SAP\_PROFIT\_CENTER\_CDE = '0000000259'

AND C.PROFIT\_CENTER\_ABBR\_DESC = 'CSD')

OR G.SALES\_OFFICE\_CDE in ('0040', '0041', '0042', '0043', '0097', '1031', '1032', '1033')THEN 'Taiwan'

WHEN (G.SALES\_OFFICE\_CDE in

('1235', '9103', '9204', '9504', '9509', '0053', '0060', '0061', '0063', '0064', '0069', '0070'

,'0071', '0072', '0073', '0074', '0075', '0076', '0077', '0078', '0079', '0080', '0081', '0082'

,'0083', '0084', '0086', '0087', '1150', '1151', '1152', '1153', '1154', '1155', '1156', '1157'

,'1158', '1159', '1161', '1162', '1163', '1164', '1165', '1166', '1167', '1168', '1169', '1171'

,'0050', '0051', '0052', '0054', '0055', '9511')

AND A.SAP\_PROFIT\_CENTER\_CDE <> '0000000259'

AND C.PROFIT\_CENTER\_ABBR\_DESC = 'CSD')THEN 'China/HK'

WHEN R.DD1\_SALES\_OFFICE\_CDE = 'S003' THEN 'EMEA'

WHEN R.DD1\_SALES\_OFFICE\_CDE = 'S001' THEN 'AMER'

WHEN R.DD2\_SALES\_OFFICE\_CDE = 'S025' THEN 'Japan'

WHEN R.DD2\_SALES\_OFFICE\_CDE = 'S026' THEN 'Korea'

WHEN R.DD2\_SALES\_OFFICE\_CDE in ('S018', 'S006') THEN 'SOUTH AP'

WHEN R.DD3\_SALES\_OFFICE\_CDE in ('S028', 'S030') THEN 'China/HK'

WHEN R.DD3\_SALES\_OFFICE\_CDE = 'S029' then 'Taiwan'

ELSE 'Others' END) REGION

,(CASE WHEN(CASE WHEN(TO\_CHAR(TRUNC(A.TYCO\_YEAR\_ID)) IS NULL)THEN NULL

ELSE (TO\_CHAR(TRUNC(A.TYCO\_YEAR\_ID))||'-') END IS NULL)

OR (CAST(A.TYCO\_MONTH\_OF\_YEAR\_ID AS VARCHAR( 40 ) ) IS NULL) THEN NULL ELSE

(CASE WHEN(TO\_CHAR(TRUNC(A.TYCO\_YEAR\_ID)) IS NULL) THEN NULL

ELSE (TO\_CHAR(TRUNC(A.TYCO\_YEAR\_ID))||'-') END||

CAST(A.TYCO\_MONTH\_OF\_YEAR\_ID AS VARCHAR( 40 ) )) END) SHIPMENT\_DATE

, A.SELLING\_ORGANIZATION\_ID ORG\_ID

, M.ORGANIZATION\_SHORT\_NM ORG\_NM

, C.PROFIT\_CENTER\_ABBR\_DESC

, D.SAP\_PROFIT\_CENTER\_SHORT\_DESC

, E.LAYER1\_CMPE\_BSNS\_SHORT\_NM CBC

,(CASE

WHEN E.PRODUCT\_LINE\_CDE='E39' THEN 'Service'

WHEN E.LAYER1\_CMPE\_BSNS\_SHORT\_NM <>'Consumer Devices' then 'Other-BU'

ELSE E.LAYER2\_COMPETENCY\_BSNS\_DESC END)GPL\_FAMILY

, A.PRODUCT\_CDE

, E.PRODUCT\_NM

, E.PRODUCT\_LINE\_CDE GPL

, E.PRODUCT\_LINE\_SHORT\_NM GPL\_NM

, F.TYCO\_ELECTRONICS\_CORP\_PART\_NBR

, F.PART\_DESC

, G.LEVEL\_1\_IBC\_CDE IBC

, G.LEVEL\_1\_IBC\_NM IBC\_NM

, G.LEVEL\_1\_INDUSTRY\_CDE Industry\_cde

, G.LEVEL\_1\_INDUSTRY\_NM Industry\_nm

, H.DD1\_WW\_CUST\_ACCT\_NBR

, H.DD1\_WW\_CUST\_ACCT\_NM

, G.KEY\_CUSTOMER\_CDE

, G.KEY\_CUSTOMER\_DESC

, A.HIERARCHY\_CUSTOMER\_BASE\_ID

, G.HIERARCHY\_CUSTOMER\_NM

, A.SHIP\_TO\_ACCT\_BASE\_ID

, I.ST\_CUSTOMER\_NM

, I.ST\_ISO\_CTRY\_CDE

, A.SBMT\_SLS\_STAT\_CATEGORY\_CDE

, T.SBMT\_SALES\_STATS\_CTGRY\_NM

, S.SALES\_STATS\_CTGRY\_NM

, A.SALES\_STAT\_CATEGORY\_CDE

, J.LEVEL\_5\_TERRITORY\_PERSON\_NM Sales\_manager

, J.LEVEL\_7\_TERRITORY\_PERSON\_NM DSE

, N.X\_DISTRIBUTION\_CHAIN\_STTS\_CDE

, K.SALES\_GROUP\_NM CSR

, A.PLANT\_ID Plant\_Id

, L.PLANT\_NM Plant\_Name

, SUM(A.S\_SHIPPED\_QTY)SHIPPED\_QTY,

(CASE

WHEN SUM(A.S\_SHIPPED\_QTY) <> 0

AND SUM(A.S\_CNST\_SHIPPED\_LOC\_CRNC\_AMT)<> 0

THEN

ROUND (SUM(A.S\_CNST\_SHIPPED\_LOC\_CRNC\_AMT)/NULLIF (SUM(A.S\_SHIPPED\_QTY),0),2)

ELSE 0 END)ASP,

SUM(A.S\_CNST\_SHIPPED\_LOC\_CRNC\_AMT)SHIPPED\_AMOUNT

FROM ((((((((((((((((DM4.DM4113\_COSTED\_SALES\_DETAILS\_V A

INNER JOIN

DM4.DM4113\_ORGANIZATIONS\_DMN\_V B

ON B.ORGANIZATION\_ID=A.MANUFACTURING\_ORGANIZATION\_ID)

INNER JOIN

DM4.DM4113\_PROFIT\_CENTERS\_DMN\_V C

ON A.PROFIT\_CENTER\_ABBR\_NM=C.PROFIT\_CENTER\_ID )

INNER JOIN

DM4.DM4113\_SAP\_PROFIT\_CENTER\_DMN\_V D

ON A.SAP\_PROFIT\_CENTER\_CDE=D.SAP\_PROFIT\_CENTER\_CDE)

INNER JOIN

DM4.DM4113\_PRODUCTS\_DMN\_V E

ON A.PRODUCT\_CDE=E.PRODUCT\_CDE)

INNER JOIN

DM4.DM4113\_TCPN\_DMN\_V F

ON A.PART\_KEY\_ID=F.PART\_KEY\_ID)

INNER JOIN

DM4.DM4113\_CUSTOMER\_HIER\_DMN\_V G

ON G.HIERARCHY\_CUSTOMER\_ORG\_ID=A.HIERARCHY\_CUSTOMER\_ORG\_ID

AND G.HIERARCHY\_CUSTOMER\_BASE\_ID=A.HIERARCHY\_CUSTOMER\_BASE\_ID

AND G.HIERARCHY\_CUSTOMER\_SUFX\_ID=A.HIERARCHY\_CUSTOMER\_SUFX\_ID

AND G.HIERARCHY\_CUSTOMER\_IND=A.HIERARCHY\_CUSTOMER\_IND

AND G.SHIP\_TO\_ACCT\_ORGANIZATION\_ID= A.SHIP\_TO\_ACCT\_ORGANIZATION\_ID

AND G.SHIP\_TO\_ACCT\_BASE\_ID=A.SHIP\_TO\_ACCT\_BASE\_ID

AND G.SHIP\_TO\_ACCT\_SUFX\_ID=A.SHIP\_TO\_ACCT\_SUFX\_ID)

INNER JOIN

DM4.DM4113\_CUST\_WORLDWIDE\_DMN\_V H

ON G.WW\_CUST\_ACCT\_NBR=H.WW\_CUST\_ACCT\_NBR)

INNER JOIN

DM4.DM4113\_CUSTOMER\_SHIP\_TO\_DMN\_V I

ON A.SHIP\_TO\_ACCT\_ORGANIZATION\_ID=I.ST\_ACCT\_ORG\_ID

AND A.SHIP\_TO\_ACCT\_BASE\_ID=I.ST\_ACCT\_NBR\_BASE

AND A.SHIP\_TO\_ACCT\_SUFX\_ID=I.ST\_ACCT\_NBR\_SUFX)

INNER JOIN

DM4.DM4113\_SALES\_TERRITORIES\_DMN\_V J

ON J.TERRITORY\_CDE=A.SALES\_TERRITORY\_CDE

AND J.TERRITORY\_ORG\_ID=A.TERRITORY\_ORG\_ID)

INNER JOIN

DM4.DM4113\_SALES\_GROUP\_DMN\_V K

ON A.SBMT\_SALES\_GROUP\_CDE=K.SALES\_GROUP\_CDE)

INNER JOIN

DM4.DM4113\_PLANT\_ID\_DMN\_V L

ON A.PLANT\_ID=L.PLANT\_ID)

INNER JOIN

DM4.DM4113\_ORGANIZATIONS\_DMN\_V M

ON M.ORGANIZATION\_ID=A.SELLING\_ORGANIZATION\_ID)

LEFT OUTER JOIN

DM4.DM4113\_MATERIAL\_SLS\_ORGS\_DMN\_V N

ON A.SAP\_SALES\_ORGANIZATION\_ID = N.SALES\_ORGANIZATION\_ID

AND A.DISTRIBUTION\_CHANNEL\_CDE = N.DISTRIBUTION\_CHANNEL\_CDE

AND A.MATERIAL\_ID = N.MATERIAL\_ID)

INNER JOIN

DM4.DM4113\_FISCAL\_DATE\_DMN\_V O

ON A.CUSTOMER\_REQUEST\_DT = O.CALENDAR\_DT)

INNER JOIN

GBL\_CURRENT.GBL\_SALES\_OFFICES\_DDL R

ON R.SALES\_OFFICE\_CDE = G.SALES\_OFFICE\_CDE)

INNER JOIN

DM4.DM4113\_SALES\_STATS\_CTGRY\_DMN\_V S

ON A.SALES\_STAT\_CATEGORY\_CDE=S.SALES\_STATS\_CTGRY\_CDE)

INNER JOIN

DM4.DM4113\_SBMT\_SLSSTAT\_CTGR\_DMN\_V T

ON A.SBMT\_SLS\_STAT\_CATEGORY\_CDE=T.SBMT\_SALES\_STATS\_CTGRY\_CDE

WHERE A.SHIPMENT\_IND = '1'

AND A.TYCO\_YEAR\_ID <> 1011

AND A.TRADE\_INTERCO\_IND = 'T'

AND (A.PROFIT\_CENTER\_ABBR\_NM = 'CSD'

OR E.LAYER1\_COMPETENCY\_BSNS\_CDE = '30002')

GROUP BY

B.LAYER2\_ORGANIZATION\_ID

, B.LAYER2\_ORGANIZATION\_SHORT\_NM

, B.LAYER3\_ORGANIZATION\_ID

, B.LAYER3\_ORGANIZATION\_SHORT\_NM

, A.MANUFACTURING\_ORGANIZATION\_ID

, B.ORGANIZATION\_SHORT\_NM

, C.PROFIT\_CENTER\_ABBR\_DESC

, D.SAP\_PROFIT\_CENTER\_SHORT\_DESC

, N.X\_DISTRIBUTION\_CHAIN\_STTS\_CDE

, R.DD1\_SALES\_OFFICE\_CDE

, E.LAYER1\_CMPE\_BSNS\_SHORT\_NM

, E.LAYER2\_CMPE\_BSNS\_SHORT\_NM

, E.LAYER3\_CMPE\_BSNS\_SHORT\_NM

, A.PRODUCT\_CDE

, E.PRODUCT\_NM

, A.SBMT\_SLS\_STAT\_CATEGORY\_CDE

, T.SBMT\_SALES\_STATS\_CTGRY\_NM

, S.SALES\_STATS\_CTGRY\_NM

, A.SALES\_STAT\_CATEGORY\_CDE

, E.PRODUCT\_LINE\_CDE

, G.SALES\_OFFICE\_CDE

, E.PRODUCT\_LINE\_SHORT\_NM

, F.TYCO\_ELECTRONICS\_CORP\_PART\_NBR

, F.PART\_DESC

, G.LEVEL\_1\_IBC\_CDE

, G.LEVEL\_1\_IBC\_NM

, G.LEVEL\_1\_INDUSTRY\_CDE

, G.LEVEL\_1\_INDUSTRY\_NM

, G.KEY\_CUSTOMER\_CDE

, G.KEY\_CUSTOMER\_DESC

, E.LAYER2\_COMPETENCY\_BSNS\_DESC

, H.DD1\_WW\_CUST\_ACCT\_NBR

, H.DD1\_WW\_CUST\_ACCT\_NM

, G.HIERARCHY\_CUSTOMER\_BASE\_ID

, G.HIERARCHY\_CUSTOMER\_NM

, A.SHIP\_TO\_ACCT\_BASE\_ID

, I.ST\_CUSTOMER\_NM

, I.ST\_ISO\_CTRY\_CDE

, J.LEVEL\_5\_TERRITORY\_PERSON\_NM

, J.LEVEL\_7\_TERRITORY\_PERSON\_NM

, A.HIERARCHY\_CUSTOMER\_BASE\_ID

, K.SALES\_GROUP\_NM

, A.PLANT\_ID

, L.PLANT\_NM

, R.DD2\_SALES\_OFFICE\_CDE

, R.DD3\_SALES\_OFFICE\_CDE

, A.SAP\_PROFIT\_CENTER\_CDE

, M.LAYER2\_ORGANIZATION\_ID

, M.LAYER2\_ORGANIZATION\_SHORT\_NM

, M.LAYER3\_ORGANIZATION\_ID

, M.LAYER2\_ORGANIZATION\_SHORT\_NM

, M.LAYER2\_ORGANIZATION\_SHORT\_NM

,(CASE WHEN(CASE WHEN(to\_char(trunc(A.TYCO\_YEAR\_ID)) IS NULL)THEN NULL

ELSE (TO\_CHAR(TRUNC(A.TYCO\_YEAR\_ID))||'-') END IS NULL)

OR (CAST( A.TYCO\_MONTH\_OF\_YEAR\_ID AS VARCHAR( 40 ) ) IS NULL) THEN NULL ELSE

(CASE WHEN(TO\_CHAR(TRUNC(A.TYCO\_YEAR\_ID)) IS NULL) THEN NULL

ELSE (TO\_CHAR(TRUNC(A.TYCO\_YEAR\_ID))||'-') END||

CAST( A.TYCO\_MONTH\_OF\_YEAR\_ID AS VARCHAR( 40 ) )) END)

, (CASE

WHEN G.SALES\_OFFICE\_CDE in

('9702', '9700', '0036', '0110', '9703', '9501', '0001', '0003', '0026'

, '0046', '0105', '0112', '0115', '0118', '0119', '9305')

THEN 'AMER'

WHEN G.SALES\_OFFICE\_CDE in

('1400', '0007', '1011', '1013', '1027', '1043', '1044', '1045', '1047'

, '1048', '1049', '1050', '1055', '1060', '1070', '1080', '1090', '1092'

, '1105', '1125', '1140', '1141', '1180', '1185', '1190', '1192', '2000'

, '1172', '1302', '1303', '1305', '9603', '1028', '1416', '1029')

THEN 'EMEA'

WHEN G.SALES\_OFFICE\_CDE in

('0020', '0021', '0022', '0023', '0024', '0096', '1001', '1002', '1003'

, '1004', '1005', '1006', '1007')

THEN 'Japan'

WHEN G.SALES\_OFFICE\_CDE in

('0044', '1160', '1200', '1201', '1202', '1203', '1204', '1205', '1211', '1212', '1214', '1216')

THEN 'Korea'

WHEN G.SALES\_OFFICE\_CDE in

('1236', '9100', '9439', '1230', '1231', '9430', '9502', '1234', '9448', '0031', '0032', '0033'

, '0034', '0098', '1232', '1233', '9436', '9438', '9449', '9503', '0045', '9450', '9508', '1237'

, '1238', '9435')

THEN 'SOUTH AP'

WHEN (G.SALES\_OFFICE\_CDE in

('1235', '9103', '9204', '9504', '9509', '0053', '0060', '0061', '0063', '0064', '0069', '0070'

, '0071', '0072', '0073', '0074', '0075', '0076', '0077', '0078', '0079', '0080', '0081', '0082'

, '0083', '0084', '0086', '0087', '1150', '1151', '1152', '1153', '1154', '1155', '1156', '1157'

, '1158', '1159', '1161', '1162', '1163', '1164', '1165', '1166', '1167', '1168', '1169', '1171'

, '0050', '0051', '0052', '0054', '0055', '9511')

AND A.SAP\_PROFIT\_CENTER\_CDE = '0000000259'

AND C.PROFIT\_CENTER\_ABBR\_DESC = 'CSD')

OR G.SALES\_OFFICE\_CDE in ('0040', '0041', '0042', '0043', '0097', '1031', '1032', '1033')

THEN 'Taiwan'

WHEN (G.SALES\_OFFICE\_CDE in

('1235', '9103', '9204', '9504', '9509', '0053', '0060', '0061', '0063', '0064', '0069', '0070'

, '0071', '0072', '0073', '0074', '0075', '0076', '0077', '0078', '0079', '0080', '0081', '0082'

, '0083', '0084', '0086', '0087', '1150', '1151', '1152', '1153', '1154', '1155', '1156', '1157'

, '1158', '1159', '1161', '1162', '1163', '1164', '1165', '1166', '1167', '1168', '1169', '1171'

, '0050', '0051', '0052', '0054', '0055', '9511')

AND A.SAP\_PROFIT\_CENTER\_CDE <> '0000000259'

AND C.PROFIT\_CENTER\_ABBR\_DESC = 'CSD')

THEN 'China/HK'

WHEN R.DD1\_SALES\_OFFICE\_CDE = 'S003' THEN 'EMEA'

WHEN R.DD1\_SALES\_OFFICE\_CDE = 'S001' THEN 'AMER'

WHEN R.DD2\_SALES\_OFFICE\_CDE = 'S025' THEN 'Japan'

WHEN R.DD2\_SALES\_OFFICE\_CDE = 'S026' THEN 'Korea'

WHEN R.DD2\_SALES\_OFFICE\_CDE in ('S018', 'S006') THEN 'SOUTH AP'

WHEN R.DD3\_SALES\_OFFICE\_CDE in ('S028', 'S030') THEN 'China/HK'

WHEN R.DD3\_SALES\_OFFICE\_CDE = 'S029' then 'Taiwan'

ELSE 'Others' END)

, A.SELLING\_ORGANIZATION\_ID

, M.ORGANIZATION\_SHORT\_NM

, N.X\_DISTRIBUTION\_CHAIN\_STTS\_CDE)A

* + - 1. **Billings Data Table Design**

The database table as created using the SWA account. The following data types and fields were specifically designed to accommodate the data content that is inserted in the data table. Listed below is the “Create Table” script

*-- Create table*

create table BILLINGS\_CSD\_DAILY

(

REGION VARCHAR2(13),

ORG\_ID VARCHAR2(4),

ORG\_NM VARCHAR2(50),

MNTH\_YR CHAR(6),

PROFIT\_CENTER\_ABBR\_DESC VARCHAR2(7),

SAP\_PROFIT\_CENTER\_SHORT\_DESC VARCHAR2(50),

CBC VARCHAR2(50),

GPL\_FAMILY VARCHAR2(50),

GPL\_CODE VARCHAR2(3),

GPL\_DESCRIPTION VARCHAR2(50),

PROD\_CODE VARCHAR2(4),

PRODUCT\_DESCRIPTION VARCHAR2(120),

PART\_NUMBER VARCHAR2(40),

PART\_DESCRIPTION VARCHAR2(50),

X\_DISTRIBUTION\_CHAIN\_STTS\_CDE VARCHAR2(2),

SALES\_STATS\_CATEGORY\_CODE VARCHAR2(2),

SALES\_STATS\_CATEGORY\_NAME VARCHAR2(100),

SBMT\_SLS\_STAT\_CATEGORY\_CDE VARCHAR2(6),

SBMT\_SALES\_STATS\_CATEGORY\_NAME VARCHAR2(100),

IBC VARCHAR2(3),

IBC\_NM VARCHAR2(50),

DD1\_INDUSTRY\_CDE VARCHAR2(4),

INDUSTRT\_CDE\_NM VARCHAR2(50),

DD1\_WW\_CUST\_ACCT\_NBR VARCHAR2(14),

DD1\_WW\_CUST\_ACCT\_NM VARCHAR2(50),

KEY\_CUSTOMER\_CDE VARCHAR2(3),

KEY\_CUSTOMER\_DESC VARCHAR2(50),

SOLD\_TO\_ID VARCHAR2(14),

SOLD\_TO\_NM VARCHAR2(50),

SHIP\_TO\_ACCT\_BASE\_ID VARCHAR2(14),

ST\_CUSTOMER\_NM VARCHAR2(50),

ST\_ISO\_CTRY\_CDE VARCHAR2(2),

SALES\_MANAGER VARCHAR2(50),

DSE VARCHAR2(50),

CSR VARCHAR2(50),

PLANT\_ID VARCHAR2(4),

PLANT\_NAME VARCHAR2(50),

SHIPPED\_QTY NUMBER,

ASP NUMBER,

SHIPPED\_AMOUNT NUMBER

)

tablespace SWA\_DATA\_A

pctfree 10

initrans 1

maxtrans 255

storage

(

initial 80K

next 1M

minextents 1

maxextents unlimited

);

*-- Grant/Revoke object privileges*

grant select, insert, update, delete on BILLINGS\_CSD\_DAILY to SWA\_SOURCE;

* + - 1. **Billings Stored Procedure**

All Stored procedures are developed using the SWA\_SOURCE Account. The Billings Daily Stored Procedure is specifically designed to execute the following:

* Delete from – Delete all current data in the database table
* Insert into – Insert all new data elements, once the SQL Query is completed.
* Stored Procedure Name – **USP\_UPDBILLINGS\_DAILY**



CREATE OR REPLACE PROCEDURE USP\_UPDBILLINGS\_DAILY AS

BEGIN

DELETE FROM SWA.BILLINGS\_CSD\_DAILY;

INSERT INTO SWA.BILLINGS\_CSD\_DAILY

SELECT DISTINCT

A.REGION

,A.ORG\_ID

,A.ORG\_NM

,(CASE

WHEN A.SHIPMENT\_DATE ='2011-1' then 'Oct-10'

WHEN A.SHIPMENT\_DATE ='2011-2' then 'Nov-10'

WHEN A.SHIPMENT\_DATE ='2011-3' then 'Dec-10'

WHEN A.SHIPMENT\_DATE ='2011-4' then 'Jan-11'

WHEN A.SHIPMENT\_DATE ='2011-5' then 'Feb-11'

WHEN A.SHIPMENT\_DATE ='2011-6' then 'Mar-11'

WHEN A.SHIPMENT\_DATE ='2011-7' then 'Apr-11'

WHEN A.SHIPMENT\_DATE ='2011-8' then 'May-11'

WHEN A.SHIPMENT\_DATE ='2011-9' then 'Jun-11'

WHEN A.SHIPMENT\_DATE ='2011-10' then 'Jul-11'

WHEN A.SHIPMENT\_DATE ='2011-11' then 'Aug-11'

WHEN A.SHIPMENT\_DATE ='2011-12' then 'Sep-11'

*--fiscal year 2012--*

WHEN A.SHIPMENT\_DATE ='2012-1' then 'Oct-11'

WHEN A.SHIPMENT\_DATE ='2012-2' then 'Nov-11'

WHEN A.SHIPMENT\_DATE ='2012-3' then 'Dec-11'

WHEN A.SHIPMENT\_DATE ='2012-4' then 'Jan-12'

WHEN A.SHIPMENT\_DATE ='2012-5' then 'Feb-12'

WHEN A.SHIPMENT\_DATE ='2012-6' then 'Mar-12'

WHEN A.SHIPMENT\_DATE ='2012-7' then 'Apr-12'

WHEN A.SHIPMENT\_DATE ='2012-8' then 'May-12'

WHEN A.SHIPMENT\_DATE ='2012-9' then 'Jun-12'

WHEN A.SHIPMENT\_DATE ='2012-10' then 'Jul-12'

WHEN A.SHIPMENT\_DATE ='2012-11' then 'Aug-12'

WHEN A.SHIPMENT\_DATE ='2012-12' then 'Sep-12'

*--Fiscal year32013--*

WHEN A.SHIPMENT\_DATE ='2013-1' then 'Oct-12'

WHEN A.SHIPMENT\_DATE ='2013-2' then 'Nov-12'

WHEN A.SHIPMENT\_DATE ='2013-3' then 'Dec-12'

WHEN A.SHIPMENT\_DATE ='2013-4' then 'Jan-13'

WHEN A.SHIPMENT\_DATE ='2013-5' then 'Feb-13'

WHEN A.SHIPMENT\_DATE ='2013-6' then 'Mar-13'

WHEN A.SHIPMENT\_DATE ='2013-7' then 'Apr-13'

WHEN A.SHIPMENT\_DATE ='2013-8' then 'May-13'

WHEN A.SHIPMENT\_DATE ='2013-9' then 'Jun-13'

WHEN A.SHIPMENT\_DATE ='2013-10' then 'Jul-13'

WHEN A.SHIPMENT\_DATE ='2013-11' then 'Aug-13'

WHEN A.SHIPMENT\_DATE ='2013-12' then 'Sep-12'

*--Fiscal year32014--*

WHEN A.SHIPMENT\_DATE ='2014-1' then 'Oct-13'

WHEN A.SHIPMENT\_DATE ='2014-2' then 'Nov-13'

WHEN A.SHIPMENT\_DATE ='2014-3' then 'Dec-13'

WHEN A.SHIPMENT\_DATE ='2014-4' then 'Jan-14'

WHEN A.SHIPMENT\_DATE ='2014-5' then 'Feb-14'

WHEN A.SHIPMENT\_DATE ='2014-6' then 'Mar-14'

WHEN A.SHIPMENT\_DATE ='2014-7' then 'Apr-14'

WHEN A.SHIPMENT\_DATE ='2014-8' then 'May-14'

WHEN A.SHIPMENT\_DATE ='2014-9' then 'Jun-14'

WHEN A.SHIPMENT\_DATE ='2014-10' then 'Jul-14'

WHEN A.SHIPMENT\_DATE ='2014-11' then 'Aug-14'

WHEN A.SHIPMENT\_DATE ='2014-12' then 'Sep-14'

WHEN A.SHIPMENT\_DATE ='9933-12' then 'Dec-33'

ELSE A.SHIPMENT\_DATE END) MNTH\_YR

,A.PROFIT\_CENTER\_ABBR\_DESC

,A.SAP\_PROFIT\_CENTER\_SHORT\_DESC

,A.CBC

,A.GPL\_FAMILY

,A.GPL AS GPL\_CODE

,A.GPL\_NM AS GPL\_DESCRIPTION

,A.PRODUCT\_CDE AS PROD\_CODE

,A.PRODUCT\_NM AS PRODUCT\_DESCRIPTION

,A.TYCO\_ELECTRONICS\_CORP\_PART\_NBR AS PART\_NUMBER

,A.PART\_DESC AS PART\_DESCRIPTION

,A.X\_DISTRIBUTION\_CHAIN\_STTS\_CDE

,A.SALES\_STAT\_CATEGORY\_CDE SALES\_STATS\_CATEGORY\_CODE

,A.SALES\_STATS\_CTGRY\_NM SALES\_STATS\_CATEGORY\_NAME

,A.SBMT\_SLS\_STAT\_CATEGORY\_CDE

,A.SBMT\_SALES\_STATS\_CTGRY\_NM SBMT\_SALES\_STATS\_CATEGORY\_NAME

,A.IBC

,A.IBC\_NM

,A.INDUSTRY\_CDE AS DD1\_INDUSTRY\_CDE

,A.INDUSTRY\_NM AS INDUSTRT\_CDE\_NM

,A.DD1\_WW\_CUST\_ACCT\_NBR

,A.DD1\_WW\_CUST\_ACCT\_NM

,A.KEY\_CUSTOMER\_CDE

,A.KEY\_CUSTOMER\_DESC

,A.HIERARCHY\_CUSTOMER\_BASE\_ID AS SOLD\_TO\_ID

,A.HIERARCHY\_CUSTOMER\_NM AS SOLD\_TO\_NM

,A.SHIP\_TO\_ACCT\_BASE\_ID

,A.ST\_CUSTOMER\_NM

,A.ST\_ISO\_CTRY\_CDE

,A.SALES\_MANAGER

,A.DSE

,A.CSR

,A.PLANT\_ID

,A.PLANT\_NAME

,SHIPPED\_QTY

,ASP

,A.SHIPPED\_AMOUNT

FROM (

SELECT DISTINCT

(CASE

WHEN G.SALES\_OFFICE\_CDE in

('9702', '9700', '0036', '0110', '9703', '9501', '0001', '0003', '0026'

,'0046', '0105', '0112', '0115', '0118', '0119','0199', '9305') THEN 'AMER'

WHEN G.SALES\_OFFICE\_CDE in

('1400', '0007', '1011', '1013', '1027', '1043', '1044', '1045', '1047'

,'1048', '1049', '1050', '1055', '1060', '1070', '1080', '1090', '1092'

,'1105', '1125', '1140', '1141', '1180', '1185', '1190', '1192', '2000'

,'1172', '1302', '1303', '1305', '9603', '1028', '1416', '1029') THEN 'EMEA'

WHEN G.SALES\_OFFICE\_CDE in

('0020', '0021', '0022', '0023', '0024', '0096', '1001', '1002', '1003'

,'1004', '1005', '1006', '1007') THEN 'Japan'

WHEN G.SALES\_OFFICE\_CDE in

('0044', '1160', '1200', '1201', '1202', '1203', '1204', '1205', '1211', '1212', '1214', '1216')THEN 'Korea'

WHEN G.SALES\_OFFICE\_CDE in

('1236', '9100', '9439', '1230', '1231', '9430', '9502', '1234', '9448', '0031', '0032', '0033'

,'0034', '0098', '1232', '1233', '9436', '9438', '9449', '9503', '0045', '9450', '9508', '1237'

, '1238', '9435') THEN 'SOUTH AP'

WHEN (G.SALES\_OFFICE\_CDE IN

('1235', '9103', '9204', '9504', '9509', '0053', '0060', '0061', '0063', '0064', '0069', '0070'

,'0071', '0072', '0073', '0074', '0075', '0076', '0077', '0078', '0079', '0080', '0081', '0082'

,'0083', '0084', '0086', '0087', '1150', '1151', '1152', '1153', '1154', '1155', '1156', '1157'

,'1158', '1159', '1161', '1162', '1163', '1164', '1165', '1166', '1167', '1168', '1169', '1171'

,'0050', '0051', '0052', '0054', '0055', '9511')

AND A.SAP\_PROFIT\_CENTER\_CDE = '0000000259'

AND C.PROFIT\_CENTER\_ABBR\_DESC = 'CSD')

OR G.SALES\_OFFICE\_CDE in ('0040', '0041', '0042', '0043', '0097', '1031', '1032', '1033')THEN 'Taiwan'

WHEN (G.SALES\_OFFICE\_CDE in

('1235', '9103', '9204', '9504', '9509', '0053', '0060', '0061', '0063', '0064', '0069', '0070'

,'0071', '0072', '0073', '0074', '0075', '0076', '0077', '0078', '0079', '0080', '0081', '0082'

,'0083', '0084', '0086', '0087', '1150', '1151', '1152', '1153', '1154', '1155', '1156', '1157'

,'1158', '1159', '1161', '1162', '1163', '1164', '1165', '1166', '1167', '1168', '1169', '1171'

,'0050', '0051', '0052', '0054', '0055', '9511')

AND A.SAP\_PROFIT\_CENTER\_CDE <> '0000000259'

AND C.PROFIT\_CENTER\_ABBR\_DESC = 'CSD')THEN 'China/HK'

WHEN R.DD1\_SALES\_OFFICE\_CDE = 'S003' THEN 'EMEA'

WHEN R.DD1\_SALES\_OFFICE\_CDE = 'S001' THEN 'AMER'

WHEN R.DD2\_SALES\_OFFICE\_CDE = 'S025' THEN 'Japan'

WHEN R.DD2\_SALES\_OFFICE\_CDE = 'S026' THEN 'Korea'

WHEN R.DD2\_SALES\_OFFICE\_CDE in ('S018', 'S006') THEN 'SOUTH AP'

WHEN R.DD3\_SALES\_OFFICE\_CDE in ('S028', 'S030') THEN 'China/HK'

WHEN R.DD3\_SALES\_OFFICE\_CDE = 'S029' then 'Taiwan'

ELSE 'Others' END) REGION

,(CASE WHEN(CASE WHEN(TO\_CHAR(TRUNC(A.TYCO\_YEAR\_ID)) IS NULL)THEN NULL

ELSE (TO\_CHAR(TRUNC(A.TYCO\_YEAR\_ID))||'-') END IS NULL)

OR (CAST(A.TYCO\_MONTH\_OF\_YEAR\_ID AS VARCHAR( 40 ) ) IS NULL) THEN NULL ELSE

(CASE WHEN(TO\_CHAR(TRUNC(A.TYCO\_YEAR\_ID)) IS NULL) THEN NULL

ELSE (TO\_CHAR(TRUNC(A.TYCO\_YEAR\_ID))||'-') END||

CAST(A.TYCO\_MONTH\_OF\_YEAR\_ID AS VARCHAR( 40 ) )) END) SHIPMENT\_DATE

, A.SELLING\_ORGANIZATION\_ID ORG\_ID

, M.ORGANIZATION\_SHORT\_NM ORG\_NM

, C.PROFIT\_CENTER\_ABBR\_DESC

, D.SAP\_PROFIT\_CENTER\_SHORT\_DESC

, E.LAYER1\_CMPE\_BSNS\_SHORT\_NM CBC

,(CASE

WHEN E.PRODUCT\_LINE\_CDE='E39' THEN 'Service'

WHEN E.LAYER1\_CMPE\_BSNS\_SHORT\_NM <>'Consumer Devices' then 'Other-BU'

ELSE E.LAYER2\_COMPETENCY\_BSNS\_DESC END)GPL\_FAMILY

, A.PRODUCT\_CDE

, E.PRODUCT\_NM

, E.PRODUCT\_LINE\_CDE GPL

, E.PRODUCT\_LINE\_SHORT\_NM GPL\_NM

, F.TYCO\_ELECTRONICS\_CORP\_PART\_NBR

, F.PART\_DESC

, G.LEVEL\_1\_IBC\_CDE IBC

, G.LEVEL\_1\_IBC\_NM IBC\_NM

, G.LEVEL\_1\_INDUSTRY\_CDE Industry\_cde

, G.LEVEL\_1\_INDUSTRY\_NM Industry\_nm

, H.DD1\_WW\_CUST\_ACCT\_NBR

, H.DD1\_WW\_CUST\_ACCT\_NM

, G.KEY\_CUSTOMER\_CDE

, G.KEY\_CUSTOMER\_DESC

, A.HIERARCHY\_CUSTOMER\_BASE\_ID

, G.HIERARCHY\_CUSTOMER\_NM

, A.SHIP\_TO\_ACCT\_BASE\_ID

, I.ST\_CUSTOMER\_NM

, I.ST\_ISO\_CTRY\_CDE

, A.SBMT\_SLS\_STAT\_CATEGORY\_CDE

, T.SBMT\_SALES\_STATS\_CTGRY\_NM

, S.SALES\_STATS\_CTGRY\_NM

, A.SALES\_STAT\_CATEGORY\_CDE

, J.LEVEL\_5\_TERRITORY\_PERSON\_NM Sales\_manager

, J.LEVEL\_7\_TERRITORY\_PERSON\_NM DSE

, N.X\_DISTRIBUTION\_CHAIN\_STTS\_CDE

, K.SALES\_GROUP\_NM CSR

, A.PLANT\_ID Plant\_Id

, L.PLANT\_NM Plant\_Name

, SUM(A.S\_SHIPPED\_QTY)SHIPPED\_QTY,

(CASE

WHEN SUM(A.S\_SHIPPED\_QTY) <> 0

AND SUM(A.S\_CNST\_SHIPPED\_LOC\_CRNC\_AMT)<> 0

THEN

ROUND (SUM(A.S\_CNST\_SHIPPED\_LOC\_CRNC\_AMT)/NULLIF (SUM(A.S\_SHIPPED\_QTY),0),2)

ELSE 0 END)ASP,

SUM(A.S\_CNST\_SHIPPED\_LOC\_CRNC\_AMT)SHIPPED\_AMOUNT

FROM ((((((((((((((((DM4.DM4113\_COSTED\_SALES\_DETAILS\_V A

INNER JOIN

DM4.DM4113\_ORGANIZATIONS\_DMN\_V B

ON B.ORGANIZATION\_ID=A.MANUFACTURING\_ORGANIZATION\_ID)

INNER JOIN

DM4.DM4113\_PROFIT\_CENTERS\_DMN\_V C

ON A.PROFIT\_CENTER\_ABBR\_NM=C.PROFIT\_CENTER\_ID )

INNER JOIN

DM4.DM4113\_SAP\_PROFIT\_CENTER\_DMN\_V D

ON A.SAP\_PROFIT\_CENTER\_CDE=D.SAP\_PROFIT\_CENTER\_CDE)

INNER JOIN

DM4.DM4113\_PRODUCTS\_DMN\_V E

ON A.PRODUCT\_CDE=E.PRODUCT\_CDE)

INNER JOIN

DM4.DM4113\_TCPN\_DMN\_V F

ON A.PART\_KEY\_ID=F.PART\_KEY\_ID)

INNER JOIN

DM4.DM4113\_CUSTOMER\_HIER\_DMN\_V G

ON G.HIERARCHY\_CUSTOMER\_ORG\_ID=A.HIERARCHY\_CUSTOMER\_ORG\_ID

AND G.HIERARCHY\_CUSTOMER\_BASE\_ID=A.HIERARCHY\_CUSTOMER\_BASE\_ID

AND G.HIERARCHY\_CUSTOMER\_SUFX\_ID=A.HIERARCHY\_CUSTOMER\_SUFX\_ID

AND G.HIERARCHY\_CUSTOMER\_IND=A.HIERARCHY\_CUSTOMER\_IND

AND G.SHIP\_TO\_ACCT\_ORGANIZATION\_ID= A.SHIP\_TO\_ACCT\_ORGANIZATION\_ID

AND G.SHIP\_TO\_ACCT\_BASE\_ID=A.SHIP\_TO\_ACCT\_BASE\_ID

AND G.SHIP\_TO\_ACCT\_SUFX\_ID=A.SHIP\_TO\_ACCT\_SUFX\_ID)

INNER JOIN

DM4.DM4113\_CUST\_WORLDWIDE\_DMN\_V H

ON G.WW\_CUST\_ACCT\_NBR=H.WW\_CUST\_ACCT\_NBR)

INNER JOIN

DM4.DM4113\_CUSTOMER\_SHIP\_TO\_DMN\_V I

ON A.SHIP\_TO\_ACCT\_ORGANIZATION\_ID=I.ST\_ACCT\_ORG\_ID

AND A.SHIP\_TO\_ACCT\_BASE\_ID=I.ST\_ACCT\_NBR\_BASE

AND A.SHIP\_TO\_ACCT\_SUFX\_ID=I.ST\_ACCT\_NBR\_SUFX)

INNER JOIN

DM4.DM4113\_SALES\_TERRITORIES\_DMN\_V J

ON J.TERRITORY\_CDE=A.SALES\_TERRITORY\_CDE

AND J.TERRITORY\_ORG\_ID=A.TERRITORY\_ORG\_ID)

INNER JOIN

DM4.DM4113\_SALES\_GROUP\_DMN\_V K

ON A.SBMT\_SALES\_GROUP\_CDE=K.SALES\_GROUP\_CDE)

INNER JOIN

DM4.DM4113\_PLANT\_ID\_DMN\_V L

ON A.PLANT\_ID=L.PLANT\_ID)

INNER JOIN

DM4.DM4113\_ORGANIZATIONS\_DMN\_V M

ON M.ORGANIZATION\_ID=A.SELLING\_ORGANIZATION\_ID)

LEFT OUTER JOIN

DM4.DM4113\_MATERIAL\_SLS\_ORGS\_DMN\_V N

ON A.SAP\_SALES\_ORGANIZATION\_ID = N.SALES\_ORGANIZATION\_ID

AND A.DISTRIBUTION\_CHANNEL\_CDE = N.DISTRIBUTION\_CHANNEL\_CDE

AND A.MATERIAL\_ID = N.MATERIAL\_ID)

INNER JOIN

DM4.DM4113\_FISCAL\_DATE\_DMN\_V O

ON A.CUSTOMER\_REQUEST\_DT = O.CALENDAR\_DT)

INNER JOIN

GBL\_CURRENT.GBL\_SALES\_OFFICES\_DDL R

ON R.SALES\_OFFICE\_CDE = G.SALES\_OFFICE\_CDE)

inner JOIN

DM4.DM4113\_SALES\_STATS\_CTGRY\_DMN\_V S

ON A.SALES\_STAT\_CATEGORY\_CDE=S.SALES\_STATS\_CTGRY\_CDE)

inner JOIN

DM4.DM4113\_SBMT\_SLSSTAT\_CTGR\_DMN\_V T

ON A.SBMT\_SLS\_STAT\_CATEGORY\_CDE=T.SBMT\_SALES\_STATS\_CTGRY\_CDE

WHERE A.SHIPMENT\_IND = '1'

AND A.TYCO\_YEAR\_ID <> 1011

AND A.TRADE\_INTERCO\_IND = 'T'

AND (A.PROFIT\_CENTER\_ABBR\_NM = 'CSD'

OR E.LAYER1\_COMPETENCY\_BSNS\_CDE = '30002')

GROUP BY

B.LAYER2\_ORGANIZATION\_ID

, B.LAYER2\_ORGANIZATION\_SHORT\_NM

, B.LAYER3\_ORGANIZATION\_ID

, B.LAYER3\_ORGANIZATION\_SHORT\_NM

, A.MANUFACTURING\_ORGANIZATION\_ID

, B.ORGANIZATION\_SHORT\_NM

, C.PROFIT\_CENTER\_ABBR\_DESC

, D.SAP\_PROFIT\_CENTER\_SHORT\_DESC

, N.X\_DISTRIBUTION\_CHAIN\_STTS\_CDE

, R.DD1\_SALES\_OFFICE\_CDE

, E.LAYER1\_CMPE\_BSNS\_SHORT\_NM

, E.LAYER2\_CMPE\_BSNS\_SHORT\_NM

, E.LAYER3\_CMPE\_BSNS\_SHORT\_NM

, A.PRODUCT\_CDE

, E.PRODUCT\_NM

, A.SBMT\_SLS\_STAT\_CATEGORY\_CDE

, T.SBMT\_SALES\_STATS\_CTGRY\_NM

, S.SALES\_STATS\_CTGRY\_NM

, A.SALES\_STAT\_CATEGORY\_CDE

, E.PRODUCT\_LINE\_CDE

, G.SALES\_OFFICE\_CDE

, E.PRODUCT\_LINE\_SHORT\_NM

, F.TYCO\_ELECTRONICS\_CORP\_PART\_NBR

, F.PART\_DESC

, G.LEVEL\_1\_IBC\_CDE

, G.LEVEL\_1\_IBC\_NM

, G.LEVEL\_1\_INDUSTRY\_CDE

, G.LEVEL\_1\_INDUSTRY\_NM

, G.KEY\_CUSTOMER\_CDE

, G.KEY\_CUSTOMER\_DESC

, E.LAYER2\_COMPETENCY\_BSNS\_DESC

, H.DD1\_WW\_CUST\_ACCT\_NBR

, H.DD1\_WW\_CUST\_ACCT\_NM

, G.HIERARCHY\_CUSTOMER\_BASE\_ID

, G.HIERARCHY\_CUSTOMER\_NM

, A.SHIP\_TO\_ACCT\_BASE\_ID

, I.ST\_CUSTOMER\_NM

, I.ST\_ISO\_CTRY\_CDE

, J.LEVEL\_5\_TERRITORY\_PERSON\_NM

, J.LEVEL\_7\_TERRITORY\_PERSON\_NM

, A.HIERARCHY\_CUSTOMER\_BASE\_ID

, K.SALES\_GROUP\_NM

, A.PLANT\_ID

, L.PLANT\_NM

, R.DD2\_SALES\_OFFICE\_CDE

, R.DD3\_SALES\_OFFICE\_CDE

, A.SAP\_PROFIT\_CENTER\_CDE

, M.LAYER2\_ORGANIZATION\_ID

, M.LAYER2\_ORGANIZATION\_SHORT\_NM

, M.LAYER3\_ORGANIZATION\_ID

, M.LAYER2\_ORGANIZATION\_SHORT\_NM

, M.LAYER2\_ORGANIZATION\_SHORT\_NM

,(CASE WHEN(CASE WHEN(to\_char(trunc(A.TYCO\_YEAR\_ID)) IS NULL)THEN NULL

ELSE (TO\_CHAR(TRUNC(A.TYCO\_YEAR\_ID))||'-') END IS NULL)

OR (CAST( A.TYCO\_MONTH\_OF\_YEAR\_ID AS VARCHAR( 40 ) ) IS NULL) THEN NULL ELSE

(CASE WHEN(TO\_CHAR(TRUNC(A.TYCO\_YEAR\_ID)) IS NULL) THEN NULL

ELSE (TO\_CHAR(TRUNC(A.TYCO\_YEAR\_ID))||'-') END||

CAST( A.TYCO\_MONTH\_OF\_YEAR\_ID AS VARCHAR( 40 ) )) END)

, (CASE

WHEN G.SALES\_OFFICE\_CDE in

('9702', '9700', '0036', '0110', '9703', '9501', '0001', '0003', '0026'

, '0046', '0105', '0112', '0115', '0118', '0119', '9305')

THEN 'AMER'

WHEN G.SALES\_OFFICE\_CDE in

('1400', '0007', '1011', '1013', '1027', '1043', '1044', '1045', '1047'

, '1048', '1049', '1050', '1055', '1060', '1070', '1080', '1090', '1092'

, '1105', '1125', '1140', '1141', '1180', '1185', '1190', '1192', '2000'

, '1172', '1302', '1303', '1305', '9603', '1028', '1416', '1029')

THEN 'EMEA'

WHEN G.SALES\_OFFICE\_CDE in

('0020', '0021', '0022', '0023', '0024', '0096', '1001', '1002', '1003'

, '1004', '1005', '1006', '1007')

THEN 'Japan'

WHEN G.SALES\_OFFICE\_CDE in

('0044', '1160', '1200', '1201', '1202', '1203', '1204', '1205', '1211', '1212', '1214', '1216')

THEN 'Korea'

WHEN G.SALES\_OFFICE\_CDE in

('1236', '9100', '9439', '1230', '1231', '9430', '9502', '1234', '9448', '0031', '0032', '0033'

, '0034', '0098', '1232', '1233', '9436', '9438', '9449', '9503', '0045', '9450', '9508', '1237'

, '1238', '9435')

THEN 'SOUTH AP'

WHEN (G.SALES\_OFFICE\_CDE in

('1235', '9103', '9204', '9504', '9509', '0053', '0060', '0061', '0063', '0064', '0069', '0070'

, '0071', '0072', '0073', '0074', '0075', '0076', '0077', '0078', '0079', '0080', '0081', '0082'

, '0083', '0084', '0086', '0087', '1150', '1151', '1152', '1153', '1154', '1155', '1156', '1157'

, '1158', '1159', '1161', '1162', '1163', '1164', '1165', '1166', '1167', '1168', '1169', '1171'

, '0050', '0051', '0052', '0054', '0055', '9511')

AND A.SAP\_PROFIT\_CENTER\_CDE = '0000000259'

AND C.PROFIT\_CENTER\_ABBR\_DESC = 'CSD')

OR G.SALES\_OFFICE\_CDE in ('0040', '0041', '0042', '0043', '0097', '1031', '1032', '1033')

THEN 'Taiwan'

WHEN (G.SALES\_OFFICE\_CDE in

('1235', '9103', '9204', '9504', '9509', '0053', '0060', '0061', '0063', '0064', '0069', '0070'

, '0071', '0072', '0073', '0074', '0075', '0076', '0077', '0078', '0079', '0080', '0081', '0082'

, '0083', '0084', '0086', '0087', '1150', '1151', '1152', '1153', '1154', '1155', '1156', '1157'

, '1158', '1159', '1161', '1162', '1163', '1164', '1165', '1166', '1167', '1168', '1169', '1171'

, '0050', '0051', '0052', '0054', '0055', '9511')

AND A.SAP\_PROFIT\_CENTER\_CDE <> '0000000259'

AND C.PROFIT\_CENTER\_ABBR\_DESC = 'CSD')

THEN 'China/HK'

WHEN R.DD1\_SALES\_OFFICE\_CDE = 'S003' THEN 'EMEA'

WHEN R.DD1\_SALES\_OFFICE\_CDE = 'S001' THEN 'AMER'

WHEN R.DD2\_SALES\_OFFICE\_CDE = 'S025' THEN 'Japan'

WHEN R.DD2\_SALES\_OFFICE\_CDE = 'S026' THEN 'Korea'

WHEN R.DD2\_SALES\_OFFICE\_CDE in ('S018', 'S006') THEN 'SOUTH AP'

WHEN R.DD3\_SALES\_OFFICE\_CDE in ('S028', 'S030') THEN 'China/HK'

WHEN R.DD3\_SALES\_OFFICE\_CDE = 'S029' then 'Taiwan'

ELSE 'Others' END)

, A.SELLING\_ORGANIZATION\_ID

, M.ORGANIZATION\_SHORT\_NM

, N.X\_DISTRIBUTION\_CHAIN\_STTS\_CDE)A;

COMMIT;

END;

* 1. Billings History

All Consumer Devices Billings data will be specific to the CSD Profit Center. . A combination of tables and views in the DM.4123 Schema will be required to compile all the elements into one dataset. Listed below are the data elements and the SQL Query that was previously developed.

|  |
| --- |
| ***Data Elements*** |
| REGION |
| ORG\_ID |
| ORG\_NM |
| MNTH\_YR |
| PROFIT\_CENTER\_ABBR\_DESC |
| SAP\_PROFIT\_CENTER\_SHORT\_DESC |
| CBC |
| GPL\_FAMILY |
| GPL\_CODE |
| GPL\_DESCRIPTION |
| PROD\_CODE |
| PRODUCT\_DESCRIPTION |
| PART\_NUMBER |
| PART\_DESCRIPTION |
| X\_DISTRIBUTION\_CHAIN\_STTS\_CDE |
| SALES\_STATS\_CATEGORY\_CODE |
| SALES\_STATS\_CATEGORY\_NAME |
| SBMT\_SLS\_STAT\_CATEGORY\_CDE |
| SBMT\_SALES\_STATS\_CATEGORY\_NAME |
| IBC |
| IBC\_NM |
| DD1\_INDUSTRY\_CDE |
| INDUSTRT\_CDE\_NM |
| DD1\_WW\_CUST\_ACCT\_NBR |
| DD1\_WW\_CUST\_ACCT\_NM |
| KEY\_CUSTOMER\_CDE |
| KEY\_CUSTOMER\_DESC |
| SOLD\_TO\_ID |
| SOLD\_TO\_NM |
| SHIP\_TO\_ACCT\_BASE\_ID |
| ST\_CUSTOMER\_NM |
| ST\_ISO\_CTRY\_CDE |
| SALES\_MANAGER |
| DSE |
| CSR |
| PLANT\_ID |
| PLANT\_NAME |
| SHIPPED\_QTY |
| ASP |
| SHIPPED\_AMOUNT |
|  |

* + - 1. **Billings Hist SQL Query**

SELECT DISTINCT

A.REGION

,A.ORG\_ID

,A.ORG\_NM

,(CASE

WHEN A.SHIPMENT\_DATE ='2011-1' then 'Oct-10'

WHEN A.SHIPMENT\_DATE ='2011-2' then 'Nov-10'

WHEN A.SHIPMENT\_DATE ='2011-3' then 'Dec-10'

WHEN A.SHIPMENT\_DATE ='2011-4' then 'Jan-11'

WHEN A.SHIPMENT\_DATE ='2011-5' then 'Feb-11'

WHEN A.SHIPMENT\_DATE ='2011-6' then 'Mar-11'

WHEN A.SHIPMENT\_DATE ='2011-7' then 'Apr-11'

WHEN A.SHIPMENT\_DATE ='2011-8' then 'May-11'

WHEN A.SHIPMENT\_DATE ='2011-9' then 'Jun-11'

WHEN A.SHIPMENT\_DATE ='2011-10' then 'Jul-11'

WHEN A.SHIPMENT\_DATE ='2011-11' then 'Aug-11'

WHEN A.SHIPMENT\_DATE ='2011-12' then 'Sep-11'

*--fiscal year 2012--*

WHEN A.SHIPMENT\_DATE ='2012-1' then 'Oct-11'

WHEN A.SHIPMENT\_DATE ='2012-2' then 'Nov-11'

WHEN A.SHIPMENT\_DATE ='2012-3' then 'Dec-11'

WHEN A.SHIPMENT\_DATE ='2012-4' then 'Jan-12'

WHEN A.SHIPMENT\_DATE ='2012-5' then 'Feb-12'

WHEN A.SHIPMENT\_DATE ='2012-6' then 'Mar-12'

WHEN A.SHIPMENT\_DATE ='2012-7' then 'Apr-12'

WHEN A.SHIPMENT\_DATE ='2012-8' then 'May-12'

WHEN A.SHIPMENT\_DATE ='2012-9' then 'Jun-12'

WHEN A.SHIPMENT\_DATE ='2012-10' then 'Jul-12'

WHEN A.SHIPMENT\_DATE ='2012-11' then 'Aug-12'

WHEN A.SHIPMENT\_DATE ='2012-12' then 'Sep-12'

*--Fiscal year32013--*

WHEN A.SHIPMENT\_DATE ='2013-1' then 'Oct-12'

WHEN A.SHIPMENT\_DATE ='2013-2' then 'Nov-12'

WHEN A.SHIPMENT\_DATE ='2013-3' then 'Dec-12'

WHEN A.SHIPMENT\_DATE ='2013-4' then 'Jan-13'

WHEN A.SHIPMENT\_DATE ='2013-5' then 'Feb-13'

WHEN A.SHIPMENT\_DATE ='2013-6' then 'Mar-13'

WHEN A.SHIPMENT\_DATE ='2013-7' then 'Apr-13'

WHEN A.SHIPMENT\_DATE ='2013-8' then 'May-13'

WHEN A.SHIPMENT\_DATE ='2013-9' then 'Jun-13'

WHEN A.SHIPMENT\_DATE ='2013-10' then 'Jul-13'

WHEN A.SHIPMENT\_DATE ='2013-11' then 'Aug-13'

WHEN A.SHIPMENT\_DATE ='2013-12' then 'Sep-12'

*--Fiscal year32014--*

WHEN A.SHIPMENT\_DATE ='2014-1' then 'Oct-13'

WHEN A.SHIPMENT\_DATE ='2014-2' then 'Nov-13'

WHEN A.SHIPMENT\_DATE ='2014-3' then 'Dec-13'

WHEN A.SHIPMENT\_DATE ='2014-4' then 'Jan-14'

WHEN A.SHIPMENT\_DATE ='2014-5' then 'Feb-14'

WHEN A.SHIPMENT\_DATE ='2014-6' then 'Mar-14'

WHEN A.SHIPMENT\_DATE ='2014-7' then 'Apr-14'

WHEN A.SHIPMENT\_DATE ='2014-8' then 'May-14'

WHEN A.SHIPMENT\_DATE ='2014-9' then 'Jun-14'

WHEN A.SHIPMENT\_DATE ='2014-10' then 'Jul-14'

WHEN A.SHIPMENT\_DATE ='2014-11' then 'Aug-14'

WHEN A.SHIPMENT\_DATE ='2014-12' then 'Sep-14'

WHEN A.SHIPMENT\_DATE ='9933-12' then 'Dec-33'

ELSE A.SHIPMENT\_DATE END) MNTH\_YR

,A.PROFIT\_CENTER\_ABBR\_DESC

,A.SAP\_PROFIT\_CENTER\_SHORT\_DESC

,A.CBC

,A.GPL\_FAMILY

,A.GPL AS GPL\_CODE

,A.GPL\_NM AS GPL\_DESCRIPTION

,A.PRODUCT\_CDE AS PROD\_CODE

,A.PRODUCT\_NM AS PRODUCT\_DESCRIPTION

,A.TYCO\_ELECTRONICS\_CORP\_PART\_NBR AS PART\_NUMBER

,A.PART\_DESC AS PART\_DESCRIPTION

,A.X\_DISTRIBUTION\_CHAIN\_STTS\_CDE

,A.SALES\_STAT\_CATEGORY\_CDE SALES\_STATS\_CATEGORY\_CODE

,A.SALES\_STATS\_CTGRY\_NM SALES\_STATS\_CATEGORY\_NAME

,A.SBMT\_SLS\_STAT\_CATEGORY\_CDE

,A.SBMT\_SALES\_STATS\_CTGRY\_NM SBMT\_SALES\_STATS\_CATEGORY\_NAME

,A.IBC

,A.IBC\_NM

,A.INDUSTRY\_CDE AS DD1\_INDUSTRY\_CDE

,A.INDUSTRY\_NM AS INDUSTRT\_CDE\_NM

,A.DD1\_WW\_CUST\_ACCT\_NBR

,A.DD1\_WW\_CUST\_ACCT\_NM

,A.KEY\_CUSTOMER\_CDE

,A.KEY\_CUSTOMER\_DESC

,A.HIERARCHY\_CUSTOMER\_BASE\_ID AS SOLD\_TO\_ID

,A.HIERARCHY\_CUSTOMER\_NM AS SOLD\_TO\_NM

,A.SHIP\_TO\_ACCT\_BASE\_ID

,A.ST\_CUSTOMER\_NM

,A.ST\_ISO\_CTRY\_CDE

,A.SALES\_MANAGER

,A.DSE

,A.CSR

,A.PLANT\_ID

,A.PLANT\_NAME

,SHIPPED\_QTY

,ASP

,A.SHIPPED\_AMOUNT

FROM (

SELECT DISTINCT

(CASE

WHEN G.SALES\_OFFICE\_CDE in

('9702', '9700', '0036', '0110', '9703', '9501', '0001', '0003', '0026'

,'0046', '0105', '0112', '0115', '0118', '0119','0199', '9305') THEN 'AMER'

WHEN G.SALES\_OFFICE\_CDE in

('1400', '0007', '1011', '1013', '1027', '1043', '1044', '1045', '1047'

,'1048', '1049', '1050', '1055', '1060', '1070', '1080', '1090', '1092'

,'1105', '1125', '1140', '1141', '1180', '1185', '1190', '1192', '2000'

,'1172', '1302', '1303', '1305', '9603', '1028', '1416', '1029') THEN 'EMEA'

WHEN G.SALES\_OFFICE\_CDE in

('0020', '0021', '0022', '0023', '0024', '0096', '1001', '1002', '1003'

,'1004', '1005', '1006', '1007') THEN 'Japan'

WHEN G.SALES\_OFFICE\_CDE in

('0044', '1160', '1200', '1201', '1202', '1203', '1204', '1205', '1211', '1212', '1214', '1216')THEN 'Korea'

WHEN G.SALES\_OFFICE\_CDE in

('1236', '9100', '9439', '1230', '1231', '9430', '9502', '1234', '9448', '0031', '0032', '0033'

,'0034', '0098', '1232', '1233', '9436', '9438', '9449', '9503', '0045', '9450', '9508', '1237'

, '1238', '9435') THEN 'SOUTH AP'

WHEN (G.SALES\_OFFICE\_CDE IN

('1235', '9103', '9204', '9504', '9509', '0053', '0060', '0061', '0063', '0064', '0069', '0070'

,'0071', '0072', '0073', '0074', '0075', '0076', '0077', '0078', '0079', '0080', '0081', '0082'

,'0083', '0084', '0086', '0087', '1150', '1151', '1152', '1153', '1154', '1155', '1156', '1157'

,'1158', '1159', '1161', '1162', '1163', '1164', '1165', '1166', '1167', '1168', '1169', '1171'

,'0050', '0051', '0052', '0054', '0055', '9511')

AND A.SAP\_PROFIT\_CENTER\_CDE = '0000000259'

AND C.PROFIT\_CENTER\_ABBR\_DESC = 'CSD')

OR G.SALES\_OFFICE\_CDE in ('0040', '0041', '0042', '0043', '0097', '1031', '1032', '1033')THEN 'Taiwan'

WHEN (G.SALES\_OFFICE\_CDE in

('1235', '9103', '9204', '9504', '9509', '0053', '0060', '0061', '0063', '0064', '0069', '0070'

,'0071', '0072', '0073', '0074', '0075', '0076', '0077', '0078', '0079', '0080', '0081', '0082'

,'0083', '0084', '0086', '0087', '1150', '1151', '1152', '1153', '1154', '1155', '1156', '1157'

,'1158', '1159', '1161', '1162', '1163', '1164', '1165', '1166', '1167', '1168', '1169', '1171'

,'0050', '0051', '0052', '0054', '0055', '9511')

AND A.SAP\_PROFIT\_CENTER\_CDE <> '0000000259'

AND C.PROFIT\_CENTER\_ABBR\_DESC = 'CSD')THEN 'China/HK'

WHEN R.DD1\_SALES\_OFFICE\_CDE = 'S003' THEN 'EMEA'

WHEN R.DD1\_SALES\_OFFICE\_CDE = 'S001' THEN 'AMER'

WHEN R.DD2\_SALES\_OFFICE\_CDE = 'S025' THEN 'Japan'

WHEN R.DD2\_SALES\_OFFICE\_CDE = 'S026' THEN 'Korea'

WHEN R.DD2\_SALES\_OFFICE\_CDE in ('S018', 'S006') THEN 'SOUTH AP'

WHEN R.DD3\_SALES\_OFFICE\_CDE in ('S028', 'S030') THEN 'China/HK'

WHEN R.DD3\_SALES\_OFFICE\_CDE = 'S029' then 'Taiwan'

ELSE 'Others' END) REGION

,(CASE WHEN(CASE WHEN(TO\_CHAR(TRUNC(A.TYCO\_YEAR\_ID)) IS NULL)THEN NULL

ELSE (TO\_CHAR(TRUNC(A.TYCO\_YEAR\_ID))||'-') END IS NULL)

OR (CAST(A.TYCO\_MONTH\_OF\_YEAR\_ID AS VARCHAR( 40 ) ) IS NULL) THEN NULL ELSE

(CASE WHEN(TO\_CHAR(TRUNC(A.TYCO\_YEAR\_ID)) IS NULL) THEN NULL

ELSE (TO\_CHAR(TRUNC(A.TYCO\_YEAR\_ID))||'-') END||

CAST(A.TYCO\_MONTH\_OF\_YEAR\_ID AS VARCHAR( 40 ) )) END) SHIPMENT\_DATE

, A.SELLING\_ORGANIZATION\_ID ORG\_ID

, M.ORGANIZATION\_SHORT\_NM ORG\_NM

, C.PROFIT\_CENTER\_ABBR\_DESC

, D.SAP\_PROFIT\_CENTER\_SHORT\_DESC

, E.LAYER1\_CMPE\_BSNS\_SHORT\_NM CBC

,(CASE

WHEN E.PRODUCT\_LINE\_CDE='E39' THEN 'Service'

WHEN E.LAYER1\_CMPE\_BSNS\_SHORT\_NM <>'Consumer Devices' then 'Other-BU'

ELSE E.LAYER2\_COMPETENCY\_BSNS\_DESC END)GPL\_FAMILY

, A.PRODUCT\_CDE

, E.PRODUCT\_NM

, E.PRODUCT\_LINE\_CDE GPL

, E.PRODUCT\_LINE\_SHORT\_NM GPL\_NM

, F.TYCO\_ELECTRONICS\_CORP\_PART\_NBR

, F.PART\_DESC

, G.LEVEL\_1\_IBC\_CDE IBC

, G.LEVEL\_1\_IBC\_NM IBC\_NM

, G.LEVEL\_1\_INDUSTRY\_CDE Industry\_cde

, G.LEVEL\_1\_INDUSTRY\_NM Industry\_nm

, H.DD1\_WW\_CUST\_ACCT\_NBR

, H.DD1\_WW\_CUST\_ACCT\_NM

, G.KEY\_CUSTOMER\_CDE

, G.KEY\_CUSTOMER\_DESC

, A.HIERARCHY\_CUSTOMER\_BASE\_ID

, G.HIERARCHY\_CUSTOMER\_NM

, A.SHIP\_TO\_ACCT\_BASE\_ID

, I.ST\_CUSTOMER\_NM

, I.ST\_ISO\_CTRY\_CDE

, A.SBMT\_SLS\_STAT\_CATEGORY\_CDE

, T.SBMT\_SALES\_STATS\_CTGRY\_NM

, S.SALES\_STATS\_CTGRY\_NM

, A.SALES\_STAT\_CATEGORY\_CDE

, J.LEVEL\_5\_TERRITORY\_PERSON\_NM Sales\_manager

, J.LEVEL\_7\_TERRITORY\_PERSON\_NM DSE

, N.X\_DISTRIBUTION\_CHAIN\_STTS\_CDE

, K.SALES\_GROUP\_NM CSR

, A.PLANT\_ID Plant\_Id

, L.PLANT\_NM Plant\_Name

, SUM(A.S\_SHIPPED\_QTY)SHIPPED\_QTY,

(CASE

WHEN SUM(A.S\_SHIPPED\_QTY) <> 0

AND SUM(A.S\_CNST\_SHIPPED\_LOC\_CRNC\_AMT)<> 0

THEN

ROUND (SUM(A.S\_CNST\_SHIPPED\_LOC\_CRNC\_AMT)/NULLIF (SUM(A.S\_SHIPPED\_QTY),0),2)

ELSE 0 END)ASP,

SUM(A.S\_CNST\_SHIPPED\_LOC\_CRNC\_AMT)SHIPPED\_AMOUNT

FROM ((((((((((((((((DM4.DM4123\_SALES\_SMRS\_V A

INNER JOIN

DM4.DM4123\_ORGANIZATIONS\_DMN\_V B

ON B.ORGANIZATION\_ID=A.MANUFACTURING\_ORGANIZATION\_ID)

INNER JOIN

DM4.DM4123\_PROFIT\_CENTERS\_DMN\_V C

ON A.PROFIT\_CENTER\_ABBR\_NM=C.PROFIT\_CENTER\_ID )

INNER JOIN

DM4.DM4123\_SAP\_PROFIT\_CENTER\_DMN\_V D

ON A.SAP\_PROFIT\_CENTER\_CDE=D.SAP\_PROFIT\_CENTER\_CDE)

INNER JOIN

DM4.DM4123\_PRODUCTS\_DMN\_V E

ON A.PRODUCT\_CDE=E.PRODUCT\_CDE)

INNER JOIN

DM4.DM4123\_TCPN\_DMN\_V F

ON A.PART\_KEY\_ID=F.PART\_KEY\_ID)

INNER JOIN

DM4.DM4123\_CUSTOMER\_HIER\_DMN\_V G

ON G.HIERARCHY\_CUSTOMER\_ORG\_ID=A.HIERARCHY\_CUSTOMER\_ORG\_ID

AND G.HIERARCHY\_CUSTOMER\_BASE\_ID=A.HIERARCHY\_CUSTOMER\_BASE\_ID

AND G.HIERARCHY\_CUSTOMER\_SUFX\_ID=A.HIERARCHY\_CUSTOMER\_SUFX\_ID

AND G.HIERARCHY\_CUSTOMER\_IND=A.HIERARCHY\_CUSTOMER\_IND

AND G.SHIP\_TO\_ACCT\_ORGANIZATION\_ID= A.SHIP\_TO\_ACCT\_ORGANIZATION\_ID

AND G.SHIP\_TO\_ACCT\_BASE\_ID=A.SHIP\_TO\_ACCT\_BASE\_ID

AND G.SHIP\_TO\_ACCT\_SUFX\_ID=A.SHIP\_TO\_ACCT\_SUFX\_ID)

INNER JOIN

DM4.DM4123\_CUST\_WORLDWIDE\_DMN\_V H

ON G.WW\_CUST\_ACCT\_NBR=H.WW\_CUST\_ACCT\_NBR)

INNER JOIN

DM4.DM4123\_CUSTOMER\_SHIP\_TO\_DMN\_V I

ON A.SHIP\_TO\_ACCT\_ORGANIZATION\_ID=I.ST\_ACCT\_ORG\_ID

AND A.SHIP\_TO\_ACCT\_BASE\_ID=I.ST\_ACCT\_NBR\_BASE

AND A.SHIP\_TO\_ACCT\_SUFX\_ID=I.ST\_ACCT\_NBR\_SUFX)

INNER JOIN

DM4.DM4123\_SALES\_TERRITORIES\_DMN\_V J

ON J.TERRITORY\_CDE=A.SALES\_TERRITORY\_CDE

AND J.TERRITORY\_ORG\_ID=A.TERRITORY\_ORG\_ID)

INNER JOIN

DM4.DM4123\_SALES\_GROUP\_DMN\_V K

ON A.SBMT\_SALES\_GROUP\_CDE=K.SALES\_GROUP\_CDE)

INNER JOIN

DM4.DM4123\_PLANT\_ID\_DMN\_V L

ON A.PLANT\_ID=L.PLANT\_ID)

INNER JOIN

DM4.DM4123\_ORGANIZATIONS\_DMN\_V M

ON M.ORGANIZATION\_ID=A.SELLING\_ORGANIZATION\_ID)

LEFT OUTER JOIN

DM4.DM4123\_MATERIAL\_SLS\_ORGS\_DMN\_V N

ON A.SAP\_SALES\_ORGANIZATION\_ID = N.SALES\_ORGANIZATION\_ID

AND A.DISTRIBUTION\_CHANNEL\_CDE = N.DISTRIBUTION\_CHANNEL\_CDE

AND A.MATERIAL\_ID = N.MATERIAL\_ID)

INNER JOIN

DM4.DM4123\_FISCAL\_DATE\_DMN\_V O

ON A.CUSTOMER\_REQUEST\_DT = O.CALENDAR\_DT)

INNER JOIN

GBL\_CURRENT.GBL\_SALES\_OFFICES\_DDL R

ON R.SALES\_OFFICE\_CDE = G.SALES\_OFFICE\_CDE)

inner JOIN

DM4.DM4123\_SALES\_STATS\_CTGRY\_DMN\_V S

ON A.SALES\_STAT\_CATEGORY\_CDE=S.SALES\_STATS\_CTGRY\_CDE)

inner JOIN

DM4.DM4123\_SBMT\_SLSSTAT\_CTGR\_DMN\_V T

ON A.SBMT\_SLS\_STAT\_CATEGORY\_CDE=T.SBMT\_SALES\_STATS\_CTGRY\_CDE

WHERE A.SHIPMENT\_IND = '1'

AND A.TYCO\_YEAR\_ID <> 1011

AND A.TRADE\_INTERCO\_IND = 'T'

AND (A.PROFIT\_CENTER\_ABBR\_NM = 'CSD'

OR E.LAYER1\_COMPETENCY\_BSNS\_CDE = '30002')

GROUP BY

B.LAYER2\_ORGANIZATION\_ID

, B.LAYER2\_ORGANIZATION\_SHORT\_NM

, B.LAYER3\_ORGANIZATION\_ID

, B.LAYER3\_ORGANIZATION\_SHORT\_NM

, A.MANUFACTURING\_ORGANIZATION\_ID

, B.ORGANIZATION\_SHORT\_NM

, C.PROFIT\_CENTER\_ABBR\_DESC

, D.SAP\_PROFIT\_CENTER\_SHORT\_DESC

, N.X\_DISTRIBUTION\_CHAIN\_STTS\_CDE

, R.DD1\_SALES\_OFFICE\_CDE

, E.LAYER1\_CMPE\_BSNS\_SHORT\_NM

, E.LAYER2\_CMPE\_BSNS\_SHORT\_NM

, E.LAYER3\_CMPE\_BSNS\_SHORT\_NM

, A.PRODUCT\_CDE

, E.PRODUCT\_NM

, A.SBMT\_SLS\_STAT\_CATEGORY\_CDE

, T.SBMT\_SALES\_STATS\_CTGRY\_NM

, S.SALES\_STATS\_CTGRY\_NM

, A.SALES\_STAT\_CATEGORY\_CDE

, E.PRODUCT\_LINE\_CDE

, G.SALES\_OFFICE\_CDE

, E.PRODUCT\_LINE\_SHORT\_NM

, F.TYCO\_ELECTRONICS\_CORP\_PART\_NBR

, F.PART\_DESC

, G.LEVEL\_1\_IBC\_CDE

, G.LEVEL\_1\_IBC\_NM

, G.LEVEL\_1\_INDUSTRY\_CDE

, G.LEVEL\_1\_INDUSTRY\_NM

, G.KEY\_CUSTOMER\_CDE

, G.KEY\_CUSTOMER\_DESC

, E.LAYER2\_COMPETENCY\_BSNS\_DESC

, H.DD1\_WW\_CUST\_ACCT\_NBR

, H.DD1\_WW\_CUST\_ACCT\_NM

, G.HIERARCHY\_CUSTOMER\_BASE\_ID

, G.HIERARCHY\_CUSTOMER\_NM

, A.SHIP\_TO\_ACCT\_BASE\_ID

, I.ST\_CUSTOMER\_NM

, I.ST\_ISO\_CTRY\_CDE

, J.LEVEL\_5\_TERRITORY\_PERSON\_NM

, J.LEVEL\_7\_TERRITORY\_PERSON\_NM

, A.HIERARCHY\_CUSTOMER\_BASE\_ID

, K.SALES\_GROUP\_NM

, A.PLANT\_ID

, L.PLANT\_NM

, R.DD2\_SALES\_OFFICE\_CDE

, R.DD3\_SALES\_OFFICE\_CDE

, A.SAP\_PROFIT\_CENTER\_CDE

, M.LAYER2\_ORGANIZATION\_ID

, M.LAYER2\_ORGANIZATION\_SHORT\_NM

, M.LAYER3\_ORGANIZATION\_ID

, M.LAYER2\_ORGANIZATION\_SHORT\_NM

, M.LAYER2\_ORGANIZATION\_SHORT\_NM

,(CASE WHEN(CASE WHEN(to\_char(trunc(A.TYCO\_YEAR\_ID)) IS NULL)THEN NULL

ELSE (TO\_CHAR(TRUNC(A.TYCO\_YEAR\_ID))||'-') END IS NULL)

OR (CAST( A.TYCO\_MONTH\_OF\_YEAR\_ID AS VARCHAR( 40 ) ) IS NULL) THEN NULL ELSE

(CASE WHEN(TO\_CHAR(TRUNC(A.TYCO\_YEAR\_ID)) IS NULL) THEN NULL

ELSE (TO\_CHAR(TRUNC(A.TYCO\_YEAR\_ID))||'-') END||

CAST( A.TYCO\_MONTH\_OF\_YEAR\_ID AS VARCHAR( 40 ) )) END)

, (CASE

WHEN G.SALES\_OFFICE\_CDE in

('9702', '9700', '0036', '0110', '9703', '9501', '0001', '0003', '0026'

, '0046', '0105', '0112', '0115', '0118', '0119', '9305')

THEN 'AMER'

WHEN G.SALES\_OFFICE\_CDE in

('1400', '0007', '1011', '1013', '1027', '1043', '1044', '1045', '1047'

, '1048', '1049', '1050', '1055', '1060', '1070', '1080', '1090', '1092'

, '1105', '1125', '1140', '1141', '1180', '1185', '1190', '1192', '2000'

, '1172', '1302', '1303', '1305', '9603', '1028', '1416', '1029')

THEN 'EMEA'

WHEN G.SALES\_OFFICE\_CDE in

('0020', '0021', '0022', '0023', '0024', '0096', '1001', '1002', '1003'

, '1004', '1005', '1006', '1007')

THEN 'Japan'

WHEN G.SALES\_OFFICE\_CDE in

('0044', '1160', '1200', '1201', '1202', '1203', '1204', '1205', '1211', '1212', '1214', '1216')

THEN 'Korea'

WHEN G.SALES\_OFFICE\_CDE in

('1236', '9100', '9439', '1230', '1231', '9430', '9502', '1234', '9448', '0031', '0032', '0033'

, '0034', '0098', '1232', '1233', '9436', '9438', '9449', '9503', '0045', '9450', '9508', '1237'

, '1238', '9435')

THEN 'SOUTH AP'

WHEN (G.SALES\_OFFICE\_CDE in

('1235', '9103', '9204', '9504', '9509', '0053', '0060', '0061', '0063', '0064', '0069', '0070'

, '0071', '0072', '0073', '0074', '0075', '0076', '0077', '0078', '0079', '0080', '0081', '0082'

, '0083', '0084', '0086', '0087', '1150', '1151', '1152', '1153', '1154', '1155', '1156', '1157'

, '1158', '1159', '1161', '1162', '1163', '1164', '1165', '1166', '1167', '1168', '1169', '1171'

, '0050', '0051', '0052', '0054', '0055', '9511')

AND A.SAP\_PROFIT\_CENTER\_CDE = '0000000259'

AND C.PROFIT\_CENTER\_ABBR\_DESC = 'CSD')

OR G.SALES\_OFFICE\_CDE in ('0040', '0041', '0042', '0043', '0097', '1031', '1032', '1033')

THEN 'Taiwan'

WHEN (G.SALES\_OFFICE\_CDE in

('1235', '9103', '9204', '9504', '9509', '0053', '0060', '0061', '0063', '0064', '0069', '0070'

, '0071', '0072', '0073', '0074', '0075', '0076', '0077', '0078', '0079', '0080', '0081', '0082'

, '0083', '0084', '0086', '0087', '1150', '1151', '1152', '1153', '1154', '1155', '1156', '1157'

, '1158', '1159', '1161', '1162', '1163', '1164', '1165', '1166', '1167', '1168', '1169', '1171'

, '0050', '0051', '0052', '0054', '0055', '9511')

AND A.SAP\_PROFIT\_CENTER\_CDE <> '0000000259'

AND C.PROFIT\_CENTER\_ABBR\_DESC = 'CSD')

THEN 'China/HK'

WHEN R.DD1\_SALES\_OFFICE\_CDE = 'S003' THEN 'EMEA'

WHEN R.DD1\_SALES\_OFFICE\_CDE = 'S001' THEN 'AMER'

WHEN R.DD2\_SALES\_OFFICE\_CDE = 'S025' THEN 'Japan'

WHEN R.DD2\_SALES\_OFFICE\_CDE = 'S026' THEN 'Korea'

WHEN R.DD2\_SALES\_OFFICE\_CDE in ('S018', 'S006') THEN 'SOUTH AP'

WHEN R.DD3\_SALES\_OFFICE\_CDE in ('S028', 'S030') THEN 'China/HK'

WHEN R.DD3\_SALES\_OFFICE\_CDE = 'S029' then 'Taiwan'

ELSE 'Others' END)

, A.SELLING\_ORGANIZATION\_ID

, M.ORGANIZATION\_SHORT\_NM

, N.X\_DISTRIBUTION\_CHAIN\_STTS\_CDE)A

* + - 1. **Billings Hist Data Table Design**

The database table as created using the SWA account. The following data types and fields were specifically designed to accommodate the data content that is inserted in the data table. Listed below is the “Create Table” script

*-- Create table*

create table BILLINGS\_CSD\_HIST

(

REGION VARCHAR2(13),

ORG\_ID VARCHAR2(4),

ORG\_NM VARCHAR2(50),

MNTH\_YR CHAR(6),

PROFIT\_CENTER\_ABBR\_DESC VARCHAR2(7),

SAP\_PROFIT\_CENTER\_SHORT\_DESC VARCHAR2(50),

CBC VARCHAR2(50),

GPL\_FAMILY VARCHAR2(50),

GPL\_CODE VARCHAR2(3),

GPL\_DESCRIPTION VARCHAR2(50),

PROD\_CODE VARCHAR2(4),

PRODUCT\_DESCRIPTION VARCHAR2(120),

PART\_NUMBER VARCHAR2(40),

PART\_DESCRIPTION VARCHAR2(50),

X\_DISTRIBUTION\_CHAIN\_STTS\_CDE VARCHAR2(2),

SALES\_STATS\_CATEGORY\_CODE VARCHAR2(2),

SALES\_STATS\_CATEGORY\_NAME VARCHAR2(100),

SBMT\_SLS\_STAT\_CATEGORY\_CDE VARCHAR2(6),

SBMT\_SALES\_STATS\_CATEGORY\_NAME VARCHAR2(100),

IBC VARCHAR2(3),

IBC\_NM VARCHAR2(50),

DD1\_INDUSTRY\_CDE VARCHAR2(4),

INDUSTRT\_CDE\_NM VARCHAR2(50),

DD1\_WW\_CUST\_ACCT\_NBR VARCHAR2(14),

DD1\_WW\_CUST\_ACCT\_NM VARCHAR2(50),

KEY\_CUSTOMER\_CDE VARCHAR2(3),

KEY\_CUSTOMER\_DESC VARCHAR2(50),

SOLD\_TO\_ID VARCHAR2(14),

SOLD\_TO\_NM VARCHAR2(50),

SHIP\_TO\_ACCT\_BASE\_ID VARCHAR2(14),

ST\_CUSTOMER\_NM VARCHAR2(50),

ST\_ISO\_CTRY\_CDE VARCHAR2(2),

SALES\_MANAGER VARCHAR2(50),

DSE VARCHAR2(50),

CSR VARCHAR2(50),

PLANT\_ID VARCHAR2(4),

PLANT\_NAME VARCHAR2(50),

SHIPPED\_QTY NUMBER,

ASP NUMBER,

SHIPPED\_AMOUNT NUMBER

)

tablespace SWA\_DATA\_A

pctfree 10

initrans 1

maxtrans 255

storage

(

initial 80K

next 1M

minextents 1

maxextents unlimited

);

*-- Grant/Revoke object privileges*

grant select, insert, update, delete on BILLINGS\_CSD\_HIST to SWA\_SOURCE;

* + - 1. **Billings HIST Stored Procedure**

All Stored procedures are developed using the SWA\_SOURCE Account. The Billings Hist Stored Procedure is specifically designed to execute the following:

* Delete from – Delete all current data in the database table
* Insert into – Insert all new data elements, once the SQL Query is completed.
* Stored Procedure Name – **USP\_UPDBILLINGS\_HIST**



CREATE OR REPLACE PROCEDURE USP\_UPDBILLINGS\_DAILY AS

BEGIN

DELETE FROM SWA.BILLINGS\_CSD\_DAILY;

INSERT INTO SWA.BILLINGS\_CSD\_DAILY

SELECT DISTINCT

A.REGION

,A.ORG\_ID

,A.ORG\_NM

,(CASE

WHEN A.SHIPMENT\_DATE ='2011-1' then 'Oct-10'

WHEN A.SHIPMENT\_DATE ='2011-2' then 'Nov-10'

WHEN A.SHIPMENT\_DATE ='2011-3' then 'Dec-10'

WHEN A.SHIPMENT\_DATE ='2011-4' then 'Jan-11'

WHEN A.SHIPMENT\_DATE ='2011-5' then 'Feb-11'

WHEN A.SHIPMENT\_DATE ='2011-6' then 'Mar-11'

WHEN A.SHIPMENT\_DATE ='2011-7' then 'Apr-11'

WHEN A.SHIPMENT\_DATE ='2011-8' then 'May-11'

WHEN A.SHIPMENT\_DATE ='2011-9' then 'Jun-11'

WHEN A.SHIPMENT\_DATE ='2011-10' then 'Jul-11'

WHEN A.SHIPMENT\_DATE ='2011-11' then 'Aug-11'

WHEN A.SHIPMENT\_DATE ='2011-12' then 'Sep-11'

*--fiscal year 2012--*

WHEN A.SHIPMENT\_DATE ='2012-1' then 'Oct-11'

WHEN A.SHIPMENT\_DATE ='2012-2' then 'Nov-11'

WHEN A.SHIPMENT\_DATE ='2012-3' then 'Dec-11'

WHEN A.SHIPMENT\_DATE ='2012-4' then 'Jan-12'

WHEN A.SHIPMENT\_DATE ='2012-5' then 'Feb-12'

WHEN A.SHIPMENT\_DATE ='2012-6' then 'Mar-12'

WHEN A.SHIPMENT\_DATE ='2012-7' then 'Apr-12'

WHEN A.SHIPMENT\_DATE ='2012-8' then 'May-12'

WHEN A.SHIPMENT\_DATE ='2012-9' then 'Jun-12'

WHEN A.SHIPMENT\_DATE ='2012-10' then 'Jul-12'

WHEN A.SHIPMENT\_DATE ='2012-11' then 'Aug-12'

WHEN A.SHIPMENT\_DATE ='2012-12' then 'Sep-12'

*--Fiscal year32013--*

WHEN A.SHIPMENT\_DATE ='2013-1' then 'Oct-12'

WHEN A.SHIPMENT\_DATE ='2013-2' then 'Nov-12'

WHEN A.SHIPMENT\_DATE ='2013-3' then 'Dec-12'

WHEN A.SHIPMENT\_DATE ='2013-4' then 'Jan-13'

WHEN A.SHIPMENT\_DATE ='2013-5' then 'Feb-13'

WHEN A.SHIPMENT\_DATE ='2013-6' then 'Mar-13'

WHEN A.SHIPMENT\_DATE ='2013-7' then 'Apr-13'

WHEN A.SHIPMENT\_DATE ='2013-8' then 'May-13'

WHEN A.SHIPMENT\_DATE ='2013-9' then 'Jun-13'

WHEN A.SHIPMENT\_DATE ='2013-10' then 'Jul-13'

WHEN A.SHIPMENT\_DATE ='2013-11' then 'Aug-13'

WHEN A.SHIPMENT\_DATE ='2013-12' then 'Sep-12'

*--Fiscal year32014--*

WHEN A.SHIPMENT\_DATE ='2014-1' then 'Oct-13'

WHEN A.SHIPMENT\_DATE ='2014-2' then 'Nov-13'

WHEN A.SHIPMENT\_DATE ='2014-3' then 'Dec-13'

WHEN A.SHIPMENT\_DATE ='2014-4' then 'Jan-14'

WHEN A.SHIPMENT\_DATE ='2014-5' then 'Feb-14'

WHEN A.SHIPMENT\_DATE ='2014-6' then 'Mar-14'

WHEN A.SHIPMENT\_DATE ='2014-7' then 'Apr-14'

WHEN A.SHIPMENT\_DATE ='2014-8' then 'May-14'

WHEN A.SHIPMENT\_DATE ='2014-9' then 'Jun-14'

WHEN A.SHIPMENT\_DATE ='2014-10' then 'Jul-14'

WHEN A.SHIPMENT\_DATE ='2014-11' then 'Aug-14'

WHEN A.SHIPMENT\_DATE ='2014-12' then 'Sep-14'

WHEN A.SHIPMENT\_DATE ='9933-12' then 'Dec-33'

ELSE A.SHIPMENT\_DATE END) MNTH\_YR

,A.PROFIT\_CENTER\_ABBR\_DESC

,A.SAP\_PROFIT\_CENTER\_SHORT\_DESC

,A.CBC

,A.GPL\_FAMILY

,A.GPL AS GPL\_CODE

,A.GPL\_NM AS GPL\_DESCRIPTION

,A.PRODUCT\_CDE AS PROD\_CODE

,A.PRODUCT\_NM AS PRODUCT\_DESCRIPTION

,A.TYCO\_ELECTRONICS\_CORP\_PART\_NBR AS PART\_NUMBER

,A.PART\_DESC AS PART\_DESCRIPTION

,A.X\_DISTRIBUTION\_CHAIN\_STTS\_CDE

,A.SALES\_STAT\_CATEGORY\_CDE SALES\_STATS\_CATEGORY\_CODE

,A.SALES\_STATS\_CTGRY\_NM SALES\_STATS\_CATEGORY\_NAME

,A.SBMT\_SLS\_STAT\_CATEGORY\_CDE

,A.SBMT\_SALES\_STATS\_CTGRY\_NM SBMT\_SALES\_STATS\_CATEGORY\_NAME

,A.IBC

,A.IBC\_NM

,A.INDUSTRY\_CDE AS DD1\_INDUSTRY\_CDE

,A.INDUSTRY\_NM AS INDUSTRT\_CDE\_NM

,A.DD1\_WW\_CUST\_ACCT\_NBR

,A.DD1\_WW\_CUST\_ACCT\_NM

,A.KEY\_CUSTOMER\_CDE

,A.KEY\_CUSTOMER\_DESC

,A.HIERARCHY\_CUSTOMER\_BASE\_ID AS SOLD\_TO\_ID

,A.HIERARCHY\_CUSTOMER\_NM AS SOLD\_TO\_NM

,A.SHIP\_TO\_ACCT\_BASE\_ID

,A.ST\_CUSTOMER\_NM

,A.ST\_ISO\_CTRY\_CDE

,A.SALES\_MANAGER

,A.DSE

,A.CSR

,A.PLANT\_ID

,A.PLANT\_NAME

,SHIPPED\_QTY

,ASP

,A.SHIPPED\_AMOUNT

FROM (

SELECT DISTINCT

(CASE

WHEN G.SALES\_OFFICE\_CDE in

('9702', '9700', '0036', '0110', '9703', '9501', '0001', '0003', '0026'

,'0046', '0105', '0112', '0115', '0118', '0119','0199', '9305') THEN 'AMER'

WHEN G.SALES\_OFFICE\_CDE in

('1400', '0007', '1011', '1013', '1027', '1043', '1044', '1045', '1047'

,'1048', '1049', '1050', '1055', '1060', '1070', '1080', '1090', '1092'

,'1105', '1125', '1140', '1141', '1180', '1185', '1190', '1192', '2000'

,'1172', '1302', '1303', '1305', '9603', '1028', '1416', '1029') THEN 'EMEA'

WHEN G.SALES\_OFFICE\_CDE in

('0020', '0021', '0022', '0023', '0024', '0096', '1001', '1002', '1003'

,'1004', '1005', '1006', '1007') THEN 'Japan'

WHEN G.SALES\_OFFICE\_CDE in

('0044', '1160', '1200', '1201', '1202', '1203', '1204', '1205', '1211', '1212', '1214', '1216')THEN 'Korea'

WHEN G.SALES\_OFFICE\_CDE in

('1236', '9100', '9439', '1230', '1231', '9430', '9502', '1234', '9448', '0031', '0032', '0033'

,'0034', '0098', '1232', '1233', '9436', '9438', '9449', '9503', '0045', '9450', '9508', '1237'

, '1238', '9435') THEN 'SOUTH AP'

WHEN (G.SALES\_OFFICE\_CDE IN

('1235', '9103', '9204', '9504', '9509', '0053', '0060', '0061', '0063', '0064', '0069', '0070'

,'0071', '0072', '0073', '0074', '0075', '0076', '0077', '0078', '0079', '0080', '0081', '0082'

,'0083', '0084', '0086', '0087', '1150', '1151', '1152', '1153', '1154', '1155', '1156', '1157'

,'1158', '1159', '1161', '1162', '1163', '1164', '1165', '1166', '1167', '1168', '1169', '1171'

,'0050', '0051', '0052', '0054', '0055', '9511')

AND A.SAP\_PROFIT\_CENTER\_CDE = '0000000259'

AND C.PROFIT\_CENTER\_ABBR\_DESC = 'CSD')

OR G.SALES\_OFFICE\_CDE in ('0040', '0041', '0042', '0043', '0097', '1031', '1032', '1033')THEN 'Taiwan'

WHEN (G.SALES\_OFFICE\_CDE in

('1235', '9103', '9204', '9504', '9509', '0053', '0060', '0061', '0063', '0064', '0069', '0070'

,'0071', '0072', '0073', '0074', '0075', '0076', '0077', '0078', '0079', '0080', '0081', '0082'

,'0083', '0084', '0086', '0087', '1150', '1151', '1152', '1153', '1154', '1155', '1156', '1157'

,'1158', '1159', '1161', '1162', '1163', '1164', '1165', '1166', '1167', '1168', '1169', '1171'

,'0050', '0051', '0052', '0054', '0055', '9511')

AND A.SAP\_PROFIT\_CENTER\_CDE <> '0000000259'

AND C.PROFIT\_CENTER\_ABBR\_DESC = 'CSD')THEN 'China/HK'

WHEN R.DD1\_SALES\_OFFICE\_CDE = 'S003' THEN 'EMEA'

WHEN R.DD1\_SALES\_OFFICE\_CDE = 'S001' THEN 'AMER'

WHEN R.DD2\_SALES\_OFFICE\_CDE = 'S025' THEN 'Japan'

WHEN R.DD2\_SALES\_OFFICE\_CDE = 'S026' THEN 'Korea'

WHEN R.DD2\_SALES\_OFFICE\_CDE in ('S018', 'S006') THEN 'SOUTH AP'

WHEN R.DD3\_SALES\_OFFICE\_CDE in ('S028', 'S030') THEN 'China/HK'

WHEN R.DD3\_SALES\_OFFICE\_CDE = 'S029' then 'Taiwan'

ELSE 'Others' END) REGION

,(CASE WHEN(CASE WHEN(TO\_CHAR(TRUNC(A.TYCO\_YEAR\_ID)) IS NULL)THEN NULL

ELSE (TO\_CHAR(TRUNC(A.TYCO\_YEAR\_ID))||'-') END IS NULL)

OR (CAST(A.TYCO\_MONTH\_OF\_YEAR\_ID AS VARCHAR( 40 ) ) IS NULL) THEN NULL ELSE

(CASE WHEN(TO\_CHAR(TRUNC(A.TYCO\_YEAR\_ID)) IS NULL) THEN NULL

ELSE (TO\_CHAR(TRUNC(A.TYCO\_YEAR\_ID))||'-') END||

CAST(A.TYCO\_MONTH\_OF\_YEAR\_ID AS VARCHAR( 40 ) )) END) SHIPMENT\_DATE

, A.SELLING\_ORGANIZATION\_ID ORG\_ID

, M.ORGANIZATION\_SHORT\_NM ORG\_NM

, C.PROFIT\_CENTER\_ABBR\_DESC

, D.SAP\_PROFIT\_CENTER\_SHORT\_DESC

, E.LAYER1\_CMPE\_BSNS\_SHORT\_NM CBC

,(CASE

WHEN E.PRODUCT\_LINE\_CDE='E39' THEN 'Service'

WHEN E.LAYER1\_CMPE\_BSNS\_SHORT\_NM <>'Consumer Devices' then 'Other-BU'

ELSE E.LAYER2\_COMPETENCY\_BSNS\_DESC END)GPL\_FAMILY

, A.PRODUCT\_CDE

, E.PRODUCT\_NM

, E.PRODUCT\_LINE\_CDE GPL

, E.PRODUCT\_LINE\_SHORT\_NM GPL\_NM

, F.TYCO\_ELECTRONICS\_CORP\_PART\_NBR

, F.PART\_DESC

, G.LEVEL\_1\_IBC\_CDE IBC

, G.LEVEL\_1\_IBC\_NM IBC\_NM

, G.LEVEL\_1\_INDUSTRY\_CDE Industry\_cde

, G.LEVEL\_1\_INDUSTRY\_NM Industry\_nm

, H.DD1\_WW\_CUST\_ACCT\_NBR

, H.DD1\_WW\_CUST\_ACCT\_NM

, G.KEY\_CUSTOMER\_CDE

, G.KEY\_CUSTOMER\_DESC

, A.HIERARCHY\_CUSTOMER\_BASE\_ID

, G.HIERARCHY\_CUSTOMER\_NM

, A.SHIP\_TO\_ACCT\_BASE\_ID

, I.ST\_CUSTOMER\_NM

, I.ST\_ISO\_CTRY\_CDE

, A.SBMT\_SLS\_STAT\_CATEGORY\_CDE

, T.SBMT\_SALES\_STATS\_CTGRY\_NM

, S.SALES\_STATS\_CTGRY\_NM

, A.SALES\_STAT\_CATEGORY\_CDE

, J.LEVEL\_5\_TERRITORY\_PERSON\_NM Sales\_manager

, J.LEVEL\_7\_TERRITORY\_PERSON\_NM DSE

, N.X\_DISTRIBUTION\_CHAIN\_STTS\_CDE

, K.SALES\_GROUP\_NM CSR

, A.PLANT\_ID Plant\_Id

, L.PLANT\_NM Plant\_Name

, SUM(A.S\_SHIPPED\_QTY)SHIPPED\_QTY,

(CASE

WHEN SUM(A.S\_SHIPPED\_QTY) <> 0

AND SUM(A.S\_CNST\_SHIPPED\_LOC\_CRNC\_AMT)<> 0

THEN

ROUND(SUM(A.S\_CNST\_SHIPPED\_LOC\_CRNC\_AMT)/NULLIF(SUM(A.S\_SHIPPED\_QTY),0),2)

ELSE 0 END)ASP,

SUM(A.S\_CNST\_SHIPPED\_LOC\_CRNC\_AMT)SHIPPED\_AMOUNT

FROM ((((((((((((((((DM4.DM4123\_SALES\_SMRS\_V A

INNER JOIN

DM4.DM4123\_ORGANIZATIONS\_DMN\_V B

ON B.ORGANIZATION\_ID=A.MANUFACTURING\_ORGANIZATION\_ID)

INNER JOIN

DM4.DM4123\_PROFIT\_CENTERS\_DMN\_V C

ON A.PROFIT\_CENTER\_ABBR\_NM=C.PROFIT\_CENTER\_ID )

INNER JOIN

DM4.DM4123\_SAP\_PROFIT\_CENTER\_DMN\_V D

ON A.SAP\_PROFIT\_CENTER\_CDE=D.SAP\_PROFIT\_CENTER\_CDE)

INNER JOIN

DM4.DM4123\_PRODUCTS\_DMN\_V E

ON A.PRODUCT\_CDE=E.PRODUCT\_CDE)

INNER JOIN

DM4.DM4123\_TCPN\_DMN\_V F

ON A.PART\_KEY\_ID=F.PART\_KEY\_ID)

INNER JOIN

DM4.DM4123\_CUSTOMER\_HIER\_DMN\_V G

ON G.HIERARCHY\_CUSTOMER\_ORG\_ID=A.HIERARCHY\_CUSTOMER\_ORG\_ID

AND G.HIERARCHY\_CUSTOMER\_BASE\_ID=A.HIERARCHY\_CUSTOMER\_BASE\_ID

AND G.HIERARCHY\_CUSTOMER\_SUFX\_ID=A.HIERARCHY\_CUSTOMER\_SUFX\_ID

AND G.HIERARCHY\_CUSTOMER\_IND=A.HIERARCHY\_CUSTOMER\_IND

AND G.SHIP\_TO\_ACCT\_ORGANIZATION\_ID= A.SHIP\_TO\_ACCT\_ORGANIZATION\_ID

AND G.SHIP\_TO\_ACCT\_BASE\_ID=A.SHIP\_TO\_ACCT\_BASE\_ID

AND G.SHIP\_TO\_ACCT\_SUFX\_ID=A.SHIP\_TO\_ACCT\_SUFX\_ID)

INNER JOIN

DM4.DM4123\_CUST\_WORLDWIDE\_DMN\_V H

ON G.WW\_CUST\_ACCT\_NBR=H.WW\_CUST\_ACCT\_NBR)

INNER JOIN

DM4.DM4123\_CUSTOMER\_SHIP\_TO\_DMN\_V I

ON A.SHIP\_TO\_ACCT\_ORGANIZATION\_ID=I.ST\_ACCT\_ORG\_ID

AND A.SHIP\_TO\_ACCT\_BASE\_ID=I.ST\_ACCT\_NBR\_BASE

AND A.SHIP\_TO\_ACCT\_SUFX\_ID=I.ST\_ACCT\_NBR\_SUFX)

INNER JOIN

DM4.DM4123\_SALES\_TERRITORIES\_DMN\_V J

ON J.TERRITORY\_CDE=A.SALES\_TERRITORY\_CDE

AND J.TERRITORY\_ORG\_ID=A.TERRITORY\_ORG\_ID)

INNER JOIN

DM4.DM4123\_SALES\_GROUP\_DMN\_V K

ON A.SBMT\_SALES\_GROUP\_CDE=K.SALES\_GROUP\_CDE)

INNER JOIN

DM4.DM4123\_PLANT\_ID\_DMN\_V L

ON A.PLANT\_ID=L.PLANT\_ID)

INNER JOIN

DM4.DM4123\_ORGANIZATIONS\_DMN\_V M

ON M.ORGANIZATION\_ID=A.SELLING\_ORGANIZATION\_ID)

LEFT OUTER JOIN

DM4.DM4123\_MATERIAL\_SLS\_ORGS\_DMN\_V N

ON A.SAP\_SALES\_ORGANIZATION\_ID = N.SALES\_ORGANIZATION\_ID

AND A.DISTRIBUTION\_CHANNEL\_CDE = N.DISTRIBUTION\_CHANNEL\_CDE

AND A.MATERIAL\_ID = N.MATERIAL\_ID)

INNER JOIN

DM4.DM4123\_FISCAL\_DATE\_DMN\_V O

ON A.CUSTOMER\_REQUEST\_DT = O.CALENDAR\_DT)

INNER JOIN

GBL\_CURRENT.GBL\_SALES\_OFFICES\_DDL R

ON R.SALES\_OFFICE\_CDE = G.SALES\_OFFICE\_CDE)

INNER JOIN

DM4.DM4123\_SALES\_STATS\_CTGRY\_DMN\_V S

ON A.SALES\_STAT\_CATEGORY\_CDE=S.SALES\_STATS\_CTGRY\_CDE)

INNER JOIN

DM4.DM4123\_SBMT\_SLSSTAT\_CTGR\_DMN\_V T

ON A.SBMT\_SLS\_STAT\_CATEGORY\_CDE=T.SBMT\_SALES\_STATS\_CTGRY\_CDE

WHERE A.SHIPMENT\_IND = '1'

AND A.TYCO\_YEAR\_ID <> 1011

AND A.TRADE\_INTERCO\_IND = 'T'

AND (A.PROFIT\_CENTER\_ABBR\_NM = 'CSD'

OR E.LAYER1\_COMPETENCY\_BSNS\_CDE = '30002')

GROUP BY

B.LAYER2\_ORGANIZATION\_ID

, B.LAYER2\_ORGANIZATION\_SHORT\_NM

, B.LAYER3\_ORGANIZATION\_ID

, B.LAYER3\_ORGANIZATION\_SHORT\_NM

, A.MANUFACTURING\_ORGANIZATION\_ID

, B.ORGANIZATION\_SHORT\_NM

, C.PROFIT\_CENTER\_ABBR\_DESC

, D.SAP\_PROFIT\_CENTER\_SHORT\_DESC

, N.X\_DISTRIBUTION\_CHAIN\_STTS\_CDE

, R.DD1\_SALES\_OFFICE\_CDE

, E.LAYER1\_CMPE\_BSNS\_SHORT\_NM

, E.LAYER2\_CMPE\_BSNS\_SHORT\_NM

, E.LAYER3\_CMPE\_BSNS\_SHORT\_NM

, A.PRODUCT\_CDE

, E.PRODUCT\_NM

, A.SBMT\_SLS\_STAT\_CATEGORY\_CDE

, T.SBMT\_SALES\_STATS\_CTGRY\_NM

, S.SALES\_STATS\_CTGRY\_NM

, A.SALES\_STAT\_CATEGORY\_CDE

, E.PRODUCT\_LINE\_CDE

, G.SALES\_OFFICE\_CDE

, E.PRODUCT\_LINE\_SHORT\_NM

, F.TYCO\_ELECTRONICS\_CORP\_PART\_NBR

, F.PART\_DESC

, G.LEVEL\_1\_IBC\_CDE

, G.LEVEL\_1\_IBC\_NM

, G.LEVEL\_1\_INDUSTRY\_CDE

, G.LEVEL\_1\_INDUSTRY\_NM

, G.KEY\_CUSTOMER\_CDE

, G.KEY\_CUSTOMER\_DESC

, E.LAYER2\_COMPETENCY\_BSNS\_DESC

, H.DD1\_WW\_CUST\_ACCT\_NBR

, H.DD1\_WW\_CUST\_ACCT\_NM

, G.HIERARCHY\_CUSTOMER\_BASE\_ID

, G.HIERARCHY\_CUSTOMER\_NM

, A.SHIP\_TO\_ACCT\_BASE\_ID

, I.ST\_CUSTOMER\_NM

, I.ST\_ISO\_CTRY\_CDE

, J.LEVEL\_5\_TERRITORY\_PERSON\_NM

, J.LEVEL\_7\_TERRITORY\_PERSON\_NM

, A.HIERARCHY\_CUSTOMER\_BASE\_ID

, K.SALES\_GROUP\_NM

, A.PLANT\_ID

, L.PLANT\_NM

, R.DD2\_SALES\_OFFICE\_CDE

, R.DD3\_SALES\_OFFICE\_CDE

, A.SAP\_PROFIT\_CENTER\_CDE

, M.LAYER2\_ORGANIZATION\_ID

, M.LAYER2\_ORGANIZATION\_SHORT\_NM

, M.LAYER3\_ORGANIZATION\_ID

, M.LAYER2\_ORGANIZATION\_SHORT\_NM

, M.LAYER2\_ORGANIZATION\_SHORT\_NM

,(CASE WHEN(CASE WHEN(to\_char(trunc(A.TYCO\_YEAR\_ID)) IS NULL)THEN NULL

ELSE (TO\_CHAR(TRUNC(A.TYCO\_YEAR\_ID))||'-') END IS NULL)

OR (CAST( A.TYCO\_MONTH\_OF\_YEAR\_ID AS VARCHAR( 40 ) ) IS NULL) THEN NULL ELSE

(CASE WHEN(TO\_CHAR(TRUNC(A.TYCO\_YEAR\_ID)) IS NULL) THEN NULL

ELSE (TO\_CHAR(TRUNC(A.TYCO\_YEAR\_ID))||'-') END||

CAST( A.TYCO\_MONTH\_OF\_YEAR\_ID AS VARCHAR( 40 ) )) END)

, (CASE

WHEN G.SALES\_OFFICE\_CDE in

('9702', '9700', '0036', '0110', '9703', '9501', '0001', '0003', '0026'

, '0046', '0105', '0112', '0115', '0118', '0119', '9305')

THEN 'AMER'

WHEN G.SALES\_OFFICE\_CDE in

('1400', '0007', '1011', '1013', '1027', '1043', '1044', '1045', '1047'

, '1048', '1049', '1050', '1055', '1060', '1070', '1080', '1090', '1092'

, '1105', '1125', '1140', '1141', '1180', '1185', '1190', '1192', '2000'

, '1172', '1302', '1303', '1305', '9603', '1028', '1416', '1029')

THEN 'EMEA'

WHEN G.SALES\_OFFICE\_CDE in

('0020', '0021', '0022', '0023', '0024', '0096', '1001', '1002', '1003'

, '1004', '1005', '1006', '1007')

THEN 'Japan'

WHEN G.SALES\_OFFICE\_CDE in

('0044', '1160', '1200', '1201', '1202', '1203', '1204', '1205', '1211', '1212', '1214', '1216')

THEN 'Korea'

WHEN G.SALES\_OFFICE\_CDE in

('1236', '9100', '9439', '1230', '1231', '9430', '9502', '1234', '9448', '0031', '0032', '0033'

, '0034', '0098', '1232', '1233', '9436', '9438', '9449', '9503', '0045', '9450', '9508', '1237'

, '1238', '9435')

THEN 'SOUTH AP'

WHEN (G.SALES\_OFFICE\_CDE in

('1235', '9103', '9204', '9504', '9509', '0053', '0060', '0061', '0063', '0064', '0069', '0070'

, '0071', '0072', '0073', '0074', '0075', '0076', '0077', '0078', '0079', '0080', '0081', '0082'

, '0083', '0084', '0086', '0087', '1150', '1151', '1152', '1153', '1154', '1155', '1156', '1157'

, '1158', '1159', '1161', '1162', '1163', '1164', '1165', '1166', '1167', '1168', '1169', '1171'

, '0050', '0051', '0052', '0054', '0055', '9511')

AND A.SAP\_PROFIT\_CENTER\_CDE = '0000000259'

AND C.PROFIT\_CENTER\_ABBR\_DESC = 'CSD')

OR G.SALES\_OFFICE\_CDE in ('0040', '0041', '0042', '0043', '0097', '1031', '1032', '1033')

THEN 'Taiwan'

WHEN (G.SALES\_OFFICE\_CDE in

('1235', '9103', '9204', '9504', '9509', '0053', '0060', '0061', '0063', '0064', '0069', '0070'

, '0071', '0072', '0073', '0074', '0075', '0076', '0077', '0078', '0079', '0080', '0081', '0082'

, '0083', '0084', '0086', '0087', '1150', '1151', '1152', '1153', '1154', '1155', '1156', '1157'

, '1158', '1159', '1161', '1162', '1163', '1164', '1165', '1166', '1167', '1168', '1169', '1171'

, '0050', '0051', '0052', '0054', '0055', '9511')

AND A.SAP\_PROFIT\_CENTER\_CDE <> '0000000259'

AND C.PROFIT\_CENTER\_ABBR\_DESC = 'CSD')

THEN 'China/HK'

WHEN R.DD1\_SALES\_OFFICE\_CDE = 'S003' THEN 'EMEA'

WHEN R.DD1\_SALES\_OFFICE\_CDE = 'S001' THEN 'AMER'

WHEN R.DD2\_SALES\_OFFICE\_CDE = 'S025' THEN 'Japan'

WHEN R.DD2\_SALES\_OFFICE\_CDE = 'S026' THEN 'Korea'

WHEN R.DD2\_SALES\_OFFICE\_CDE in ('S018', 'S006') THEN 'SOUTH AP'

WHEN R.DD3\_SALES\_OFFICE\_CDE in ('S028', 'S030') THEN 'China/HK'

WHEN R.DD3\_SALES\_OFFICE\_CDE = 'S029' then 'Taiwan'

ELSE 'Others' END)

, A.SELLING\_ORGANIZATION\_ID

, M.ORGANIZATION\_SHORT\_NM

, N.X\_DISTRIBUTION\_CHAIN\_STTS\_CDE)A

;

COMMIT;

END;

* + - 1. On-Demand Stored Procedure Execution

The initial execution of the USP\_BILLINGSHIST Stored will be required in order to extract the required 12 Months of Billings History, and import all Historiical data to the SOP Web application data base table BILLINGS\_CSD\_HIST.

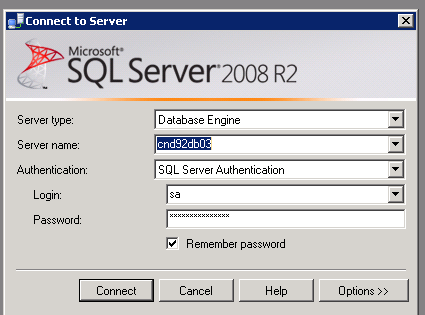
A stored procedure will delete from current month of Billings data, and append new records into the Billings\_History table.

The application will read and summarize all Billings data in the SQL Server BILLINGS\_CSD\_HIST table.

# Procedure BillingHstUpdate

The SOP Web RDBMS resides on server CND92DB03 database SOPCD.

* SQL Server Management Studio will be used to access SQL Database using the following credentials.



Username- sa

Password – Admin123

* The following stored procedure will delete the current month of data from the Billings History table, and insert the current month of data from the Billings Daily table. This job stored procedure is scheduled to execute at 00:00:00 daily (China Time)

USE [SOPCD]

GO

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE PROCEDURE [dbo].[BillingHstUpdate]

AS

BEGIN

DELETE FROM SOPCD.dbo.billings\_csd\_hist where SOPCD.dbo.billings\_csd\_hist.mnth\_yr IN (select DISTINCT mnth\_yr from SOPCD.dbo.billings\_csd\_daily);

INSERT INTO SOPCD.dbo.billings\_csd\_hist select [REGION]

,[ORG\_ID]

,[ORG\_NM]

,[MNTH\_YR]

,[PROFIT\_CENTER\_ABBR\_DESC]

,[SAP\_PROFIT\_CENTER\_SHORT\_DESC]

,[CBC]

,[GPL\_FAMILY]

,[GPL\_CODE]

,[GPL\_DESCRIPTION]

,[PROD\_CODE]

,[PRODUCT\_DESCRIPTION]

,[PART\_NUMBER]

,[PART\_DESCRIPTION]

,[X\_DISTRIBUTION\_CHAIN\_STTS\_CDE]

,[SALES\_STATS\_CATEGORY\_CODE]

,[SALES\_STATS\_CATEGORY\_NAME]

,[SBMT\_SLS\_STAT\_CATEGORY\_CDE]

,[SBMT\_SALES\_STATS\_CATEGORY\_NAME]

,[IBC]

,[IBC\_NM]

,[DD1\_INDUSTRY\_CDE]

,[INDUSTRT\_CDE\_NM]

,[DD1\_WW\_CUST\_ACCT\_NBR]

,[DD1\_WW\_CUST\_ACCT\_NM]

,[KEY\_CUSTOMER\_CDE]

,[KEY\_CUSTOMER\_DESC]

,[SOLD\_TO\_ID]

,[SOLD\_TO\_NM]

,[SHIP\_TO\_ACCT\_BASE\_ID]

,[ST\_CUSTOMER\_NM]

,[ST\_ISO\_CTRY\_CDE]

,[SALES\_MANAGER]

,[DSE]

,[CSR]

,[PLANT\_ID]

,[PLANT\_NAME]

,[SHIPPED\_QTY]

,[ASP]

,[SHIPPED\_AMOUNT]

FROM [SOPCD].[dbo].[BILLINGS\_CSD\_DAILY];

END

* 1. Bookings Daily

All Consumer Devices Billings data will be specific to the CSD Profit Center. . A combination of tables and views in the DM.4113 Schema will be required to compile all the elements into one dataset. Listed below are the data elements and the SQL Query that was previously developed.

|  |
| --- |
| **Data Elements** |
| REGION |
| ORG\_ID |
| ORG\_NM |
| MNTH\_YR |
| PROFIT\_CENTER\_ABBR\_DESC |
| SAP\_PROFIT\_CENTER\_SHORT\_DESC |
| CBC |
| GPL\_FAMILY |
| GPL\_CODE |
| GPL\_DESCRIPTION |
| PROD\_CODE |
| PRODUCT\_DESCRIPTION |
| PART\_NUMBER |
| PART\_DESCRIPTION |
| X\_DISTRIBUTION\_CHAIN\_STTS\_CDE |
| SALES\_STATS\_CATEGORY\_CODE |
| SALES\_STATS\_CATEGORY\_NAME |
| SBMT\_SLS\_STAT\_CATEGORY\_CDE |
| SBMT\_SALES\_STATS\_CATEGORY\_NAME |
| IBC |
| IBC\_NM |
| DD1\_INDUSTRY\_CDE |
| INDUSTRY\_CDE\_NM |
| DD1\_WW\_CUST\_ACCT\_NBR |
| DD1\_WW\_CUST\_ACCT\_NM |
| KEY\_CUSTOMER\_CDE |
| KEY\_CUSTOMER\_DESC |
| SOLD\_TO\_ID |
| SOLD\_TO\_NM |
| SHIP\_TO\_ACCT\_BASE\_ID |
| ST\_CUSTOMER\_NM |
| ST\_ISO\_CTRY\_CDE |
| SALES\_MANAGER |
| DSE |
| CSR |
| PLANT\_ID |
| PLANT\_NAME |
| ORDER\_QTY |
| ASP |
| ORDER\_AMOUNT |
|  |

* + - 1. **Bookings Daily SQL Query**

SELECT DISTINCT

A.REGION

,A.ORG\_ID

,A.ORG\_NM

,(CASE

WHEN A.ORDER\_DATE ='2011-1' THEN 'OCT-10'

WHEN A.ORDER\_DATE ='2011-2' THEN 'NOV-10'

WHEN A.ORDER\_DATE ='2011-3' THEN 'DEC-10'

WHEN A.ORDER\_DATE ='2011-4' THEN 'JAN-11'

WHEN A.ORDER\_DATE ='2011-5' THEN 'FEB-11'

WHEN A.ORDER\_DATE ='2011-6' THEN 'MAR-11'

WHEN A.ORDER\_DATE ='2011-7' THEN 'APR-11'

WHEN A.ORDER\_DATE ='2011-8' THEN 'MAY-11'

WHEN A.ORDER\_DATE ='2011-9' THEN 'JUN-11'

WHEN A.ORDER\_DATE ='2011-10' THEN 'JUL-11'

WHEN A.ORDER\_DATE ='2011-11' THEN 'AUG-11'

WHEN A.ORDER\_DATE ='2011-12' THEN 'SEP-11'

*--FISCAL YEAR 2012--*

WHEN A.ORDER\_DATE ='2012-1' THEN 'OCT-11'

WHEN A.ORDER\_DATE ='2012-2' THEN 'NOV-11'

WHEN A.ORDER\_DATE ='2012-3' THEN 'DEC-11'

WHEN A.ORDER\_DATE ='2012-4' THEN 'JAN-12'

WHEN A.ORDER\_DATE ='2012-5' THEN 'FEB-12'

WHEN A.ORDER\_DATE ='2012-6' THEN 'MAR-12'

WHEN A.ORDER\_DATE ='2012-7' THEN 'APR-12'

WHEN A.ORDER\_DATE ='2012-8' THEN 'MAY-12'

WHEN A.ORDER\_DATE ='2012-9' THEN 'JUN-12'

WHEN A.ORDER\_DATE ='2012-10' THEN 'JUL-12'

WHEN A.ORDER\_DATE ='2012-11' THEN 'AUG-12'

WHEN A.ORDER\_DATE ='2012-12' THEN 'SEP-12'

*--FISCAL YEAR32013--*

WHEN A.ORDER\_DATE ='2013-1' THEN 'OCT-12'

WHEN A.ORDER\_DATE ='2013-2' THEN 'NOV-12'

WHEN A.ORDER\_DATE ='2013-3' THEN 'DEC-12'

WHEN A.ORDER\_DATE ='2013-4' THEN 'JAN-13'

WHEN A.ORDER\_DATE ='2013-5' THEN 'FEB-13'

WHEN A.ORDER\_DATE ='2013-6' THEN 'MAR-13'

WHEN A.ORDER\_DATE ='2013-7' THEN 'APR-13'

WHEN A.ORDER\_DATE ='2013-8' THEN 'MAY-13'

WHEN A.ORDER\_DATE ='2013-9' THEN 'JUN-13'

WHEN A.ORDER\_DATE ='2013-10' THEN 'JUL-13'

WHEN A.ORDER\_DATE ='2013-11' THEN 'AUG-13'

WHEN A.ORDER\_DATE ='2013-12' THEN 'SEP-12'

*--FISCAL YEAR32014--*

WHEN A.ORDER\_DATE ='2014-1' THEN 'OCT-13'

WHEN A.ORDER\_DATE ='2014-2' THEN 'NOV-13'

WHEN A.ORDER\_DATE ='2014-3' THEN 'DEC-13'

WHEN A.ORDER\_DATE ='2014-4' THEN 'JAN-14'

WHEN A.ORDER\_DATE ='2014-5' THEN 'FEB-14'

WHEN A.ORDER\_DATE ='2014-6' THEN 'MAR-14'

WHEN A.ORDER\_DATE ='2014-7' THEN 'APR-14'

WHEN A.ORDER\_DATE ='2014-8' THEN 'MAY-14'

WHEN A.ORDER\_DATE ='2014-9' THEN 'JUN-14'

WHEN A.ORDER\_DATE ='2014-10' THEN 'JUL-14'

WHEN A.ORDER\_DATE ='2014-11' THEN 'AUG-14'

WHEN A.ORDER\_DATE ='2014-12' THEN 'SEP-14'

WHEN A.ORDER\_DATE ='9933-12' THEN 'DEC-33'

ELSE A.ORDER\_DATE END) MNTH\_YR

,A.PROFIT\_CENTER\_ABBR\_DESC

,A.SAP\_PROFIT\_CENTER\_SHORT\_DESC

,A.CBC

,A.GPL\_FAMILY

,A.GPL AS GPL\_CODE

,A.GPL\_NM AS GPL\_DESCRIPTION

,A.PRODUCT\_CDE AS PROD\_CODE

,A.PRODUCT\_NM AS PRODUCT\_DESCRIPTION

,A.TYCO\_ELECTRONICS\_CORP\_PART\_NBR AS PART\_NUMBER

,A.PART\_DESC AS PART\_DESCRIPTION

,A.X\_DISTRIBUTION\_CHAIN\_STTS\_CDE

,A.SALES\_STAT\_CATEGORY\_CDE SALES\_STATS\_CATEGORY\_CODE

,A.SALES\_STATS\_CTGRY\_NM SALES\_STATS\_CATEGORY\_NAME

,A.SBMT\_SLS\_STAT\_CATEGORY\_CDE

,A.SBMT\_SALES\_STATS\_CTGRY\_NM SBMT\_SALES\_STATS\_CATEGORY\_NAME

,A.IBC

,A.IBC\_NM

,A.INDUSTRY\_CDE AS DD1\_INDUSTRY\_CDE

,A.INDUSTRY\_NM AS INDUSTRT\_CDE\_NM

,A.DD1\_WW\_CUST\_ACCT\_NBR

,A.DD1\_WW\_CUST\_ACCT\_NM

,A.KEY\_CUSTOMER\_CDE

,A.KEY\_CUSTOMER\_DESC

,A.HIERARCHY\_CUSTOMER\_BASE\_ID AS SOLD\_TO\_ID

,A.HIERARCHY\_CUSTOMER\_NM AS SOLD\_TO\_NM

,A.SHIP\_TO\_ACCT\_BASE\_ID

,A.ST\_CUSTOMER\_NM

,A.ST\_ISO\_CTRY\_CDE

,A.SALES\_MANAGER

,A.DSE

,A.CSR

,A.PLANT\_ID

,A.PLANT\_NAME

,A.ORDER\_QTY

,A.ASP

,A.ORDER\_AMOUNT

FROM (

SELECT DISTINCT

(CASE

WHEN G.SALES\_OFFICE\_CDE IN

('9702', '9700', '0036', '0110', '9703', '9501', '0001', '0003', '0026'

,'0046', '0105', '0112', '0115', '0118', '0119','0199', '9305') THEN 'AMER'

WHEN G.SALES\_OFFICE\_CDE IN

('1400', '0007', '1011', '1013', '1027', '1043', '1044', '1045', '1047'

,'1048', '1049', '1050', '1055', '1060', '1070', '1080', '1090', '1092'

,'1105', '1125', '1140', '1141', '1180', '1185', '1190', '1192', '2000'

,'1172', '1302', '1303', '1305', '9603', '1028', '1416', '1029') THEN 'EMEA'

WHEN G.SALES\_OFFICE\_CDE IN

('0020', '0021', '0022', '0023', '0024', '0096', '1001', '1002', '1003'

,'1004', '1005', '1006', '1007') THEN 'JAPAN'

WHEN G.SALES\_OFFICE\_CDE IN

('0044', '1160', '1200', '1201', '1202', '1203', '1204', '1205', '1211', '1212', '1214', '1216')THEN 'KOREA'

WHEN G.SALES\_OFFICE\_CDE IN

('1236', '9100', '9439', '1230', '1231', '9430', '9502', '1234', '9448', '0031', '0032', '0033'

,'0034', '0098', '1232', '1233', '9436', '9438', '9449', '9503', '0045', '9450', '9508', '1237'

, '1238', '9435') THEN 'SOUTH AP'

WHEN (G.SALES\_OFFICE\_CDE IN

('1235', '9103', '9204', '9504', '9509', '0053', '0060', '0061', '0063', '0064', '0069', '0070'

,'0071', '0072', '0073', '0074', '0075', '0076', '0077', '0078', '0079', '0080', '0081', '0082'

,'0083', '0084', '0086', '0087', '1150', '1151', '1152', '1153', '1154', '1155', '1156', '1157'

,'1158', '1159', '1161', '1162', '1163', '1164', '1165', '1166', '1167', '1168', '1169', '1171'

,'0050', '0051', '0052', '0054', '0055', '9511')

AND A.SAP\_PROFIT\_CENTER\_CDE = '0000000259'

AND C.PROFIT\_CENTER\_ABBR\_DESC = 'CSD')

OR G.SALES\_OFFICE\_CDE IN ('0040', '0041', '0042', '0043', '0097', '1031', '1032', '1033')THEN 'TAIWAN'

WHEN (G.SALES\_OFFICE\_CDE IN

('1235', '9103', '9204', '9504', '9509', '0053', '0060', '0061', '0063', '0064', '0069', '0070'

,'0071', '0072', '0073', '0074', '0075', '0076', '0077', '0078', '0079', '0080', '0081', '0082'

,'0083', '0084', '0086', '0087', '1150', '1151', '1152', '1153', '1154', '1155', '1156', '1157'

,'1158', '1159', '1161', '1162', '1163', '1164', '1165', '1166', '1167', '1168', '1169', '1171'

,'0050', '0051', '0052', '0054', '0055', '9511')

AND A.SAP\_PROFIT\_CENTER\_CDE <> '0000000259'

AND C.PROFIT\_CENTER\_ABBR\_DESC = 'CSD')THEN 'CHINA/HK'

WHEN R.DD1\_SALES\_OFFICE\_CDE = 'S003' THEN 'EMEA'

WHEN R.DD1\_SALES\_OFFICE\_CDE = 'S001' THEN 'AMER'

WHEN R.DD2\_SALES\_OFFICE\_CDE = 'S025' THEN 'JAPAN'

WHEN R.DD2\_SALES\_OFFICE\_CDE = 'S026' THEN 'KOREA'

WHEN R.DD2\_SALES\_OFFICE\_CDE IN ('S018', 'S006') THEN 'SOUTH AP'

WHEN R.DD3\_SALES\_OFFICE\_CDE IN ('S028', 'S030') THEN 'CHINA/HK'

WHEN R.DD3\_SALES\_OFFICE\_CDE = 'S029' THEN 'TAIWAN'

ELSE 'OTHERS' END) REGION

,(CASE WHEN(CASE WHEN(TO\_CHAR(TRUNC(A.TYCO\_YEAR\_ID)) IS NULL)THEN NULL

ELSE (TO\_CHAR(TRUNC(A.TYCO\_YEAR\_ID))||'-') END IS NULL)

OR (CAST(A.TYCO\_MONTH\_OF\_YEAR\_ID AS VARCHAR( 40 ) ) IS NULL) THEN NULL ELSE

(CASE WHEN(TO\_CHAR(TRUNC(A.TYCO\_YEAR\_ID)) IS NULL) THEN NULL

ELSE (TO\_CHAR(TRUNC(A.TYCO\_YEAR\_ID))||'-') END||

CAST(A.TYCO\_MONTH\_OF\_YEAR\_ID AS VARCHAR( 40 ) )) END) ORDER\_DATE

, A.SELLING\_ORGANIZATION\_ID ORG\_ID

, M.ORGANIZATION\_SHORT\_NM ORG\_NM

, C.PROFIT\_CENTER\_ABBR\_DESC

, D.SAP\_PROFIT\_CENTER\_SHORT\_DESC

, E.LAYER1\_CMPE\_BSNS\_SHORT\_NM CBC

,(CASE

WHEN E.PRODUCT\_LINE\_CDE='E39' THEN 'SERVICE'

WHEN E.LAYER1\_CMPE\_BSNS\_SHORT\_NM <>'CONSUMER DEVICES' THEN 'OTHER-BU'

ELSE E.LAYER2\_COMPETENCY\_BSNS\_DESC END)GPL\_FAMILY

, A.PRODUCT\_CDE

, E.PRODUCT\_NM

, E.PRODUCT\_LINE\_CDE GPL

, E.PRODUCT\_LINE\_SHORT\_NM GPL\_NM

, F.TYCO\_ELECTRONICS\_CORP\_PART\_NBR

, F.PART\_DESC

, G.LEVEL\_1\_IBC\_CDE IBC

, G.LEVEL\_1\_IBC\_NM IBC\_NM

, G.LEVEL\_1\_INDUSTRY\_CDE INDUSTRY\_CDE

, G.LEVEL\_1\_INDUSTRY\_NM INDUSTRY\_NM

, H.DD1\_WW\_CUST\_ACCT\_NBR

, H.DD1\_WW\_CUST\_ACCT\_NM

, G.KEY\_CUSTOMER\_CDE

, G.KEY\_CUSTOMER\_DESC

, A.HIERARCHY\_CUSTOMER\_BASE\_ID

, G.HIERARCHY\_CUSTOMER\_NM

, A.SHIP\_TO\_ACCT\_BASE\_ID

, I.ST\_CUSTOMER\_NM

, I.ST\_ISO\_CTRY\_CDE

, A.SBMT\_SLS\_STAT\_CATEGORY\_CDE

, T.SBMT\_SALES\_STATS\_CTGRY\_NM

, S.SALES\_STATS\_CTGRY\_NM

, A.SALES\_STAT\_CATEGORY\_CDE

, J.LEVEL\_5\_TERRITORY\_PERSON\_NM SALES\_MANAGER

, J.LEVEL\_7\_TERRITORY\_PERSON\_NM DSE

, N.X\_DISTRIBUTION\_CHAIN\_STTS\_CDE

, K.SALES\_GROUP\_NM CSR

, A.PLANT\_ID PLANT\_ID

, L.PLANT\_NM PLANT\_NAME

, SUM (A.O\_ORDER\_QTY)ORDER\_QTY,

(CASE

WHEN SUM (A.O\_ORDER\_QTY) <> 0

AND SUM (A.O\_CNST\_ORDER\_LOC\_CRNC\_AMT) <> 0

THEN

ROUND (SUM (A.O\_CNST\_ORDER\_LOC\_CRNC\_AMT)/NULLIF (SUM (A.O\_ORDER\_QTY),0),2)

ELSE 0 END)ASP,

SUM(A.O\_CNST\_ORDER\_LOC\_CRNC\_AMT)ORDER\_AMOUNT

FROM ((((((((((((((((DM4.DM4113\_COSTED\_SALES\_DETAILS\_V A

INNER JOIN

DM4.DM4113\_ORGANIZATIONS\_DMN\_V B

ON B.ORGANIZATION\_ID=A.MANUFACTURING\_ORGANIZATION\_ID)

INNER JOIN

DM4.DM4113\_PROFIT\_CENTERS\_DMN\_V C

ON A.PROFIT\_CENTER\_ABBR\_NM=C.PROFIT\_CENTER\_ID )

INNER JOIN

DM4.DM4113\_SAP\_PROFIT\_CENTER\_DMN\_V D

ON A.SAP\_PROFIT\_CENTER\_CDE=D.SAP\_PROFIT\_CENTER\_CDE)

INNER JOIN

DM4.DM4113\_PRODUCTS\_DMN\_V E

ON A.PRODUCT\_CDE=E.PRODUCT\_CDE)

INNER JOIN

DM4.DM4113\_TCPN\_DMN\_V F

ON A.PART\_KEY\_ID=F.PART\_KEY\_ID)

INNER JOIN

DM4.DM4113\_CUSTOMER\_HIER\_DMN\_V G

ON G.HIERARCHY\_CUSTOMER\_ORG\_ID=A.HIERARCHY\_CUSTOMER\_ORG\_ID

AND G.HIERARCHY\_CUSTOMER\_BASE\_ID=A.HIERARCHY\_CUSTOMER\_BASE\_ID

AND G.HIERARCHY\_CUSTOMER\_SUFX\_ID=A.HIERARCHY\_CUSTOMER\_SUFX\_ID

AND G.HIERARCHY\_CUSTOMER\_IND=A.HIERARCHY\_CUSTOMER\_IND

AND G.SHIP\_TO\_ACCT\_ORGANIZATION\_ID= A.SHIP\_TO\_ACCT\_ORGANIZATION\_ID

AND G.SHIP\_TO\_ACCT\_BASE\_ID=A.SHIP\_TO\_ACCT\_BASE\_ID

AND G.SHIP\_TO\_ACCT\_SUFX\_ID=A.SHIP\_TO\_ACCT\_SUFX\_ID)

INNER JOIN

DM4.DM4113\_CUST\_WORLDWIDE\_DMN\_V H

ON G.WW\_CUST\_ACCT\_NBR=H.WW\_CUST\_ACCT\_NBR)

INNER JOIN

DM4.DM4113\_CUSTOMER\_SHIP\_TO\_DMN\_V I

ON A.SHIP\_TO\_ACCT\_ORGANIZATION\_ID=I.ST\_ACCT\_ORG\_ID

AND A.SHIP\_TO\_ACCT\_BASE\_ID=I.ST\_ACCT\_NBR\_BASE

AND A.SHIP\_TO\_ACCT\_SUFX\_ID=I.ST\_ACCT\_NBR\_SUFX)

INNER JOIN

DM4.DM4113\_SALES\_TERRITORIES\_DMN\_V J

ON J.TERRITORY\_CDE=A.SALES\_TERRITORY\_CDE

AND J.TERRITORY\_ORG\_ID=A.TERRITORY\_ORG\_ID)

INNER JOIN

DM4.DM4113\_SALES\_GROUP\_DMN\_V K

ON A.SBMT\_SALES\_GROUP\_CDE=K.SALES\_GROUP\_CDE)

INNER JOIN

DM4.DM4113\_PLANT\_ID\_DMN\_V L

ON A.PLANT\_ID=L.PLANT\_ID)

INNER JOIN

DM4.DM4113\_ORGANIZATIONS\_DMN\_V M

ON M.ORGANIZATION\_ID=A.SELLING\_ORGANIZATION\_ID)

LEFT OUTER JOIN

DM4.DM4113\_MATERIAL\_SLS\_ORGS\_DMN\_V N

ON A.SAP\_SALES\_ORGANIZATION\_ID = N.SALES\_ORGANIZATION\_ID

AND A.DISTRIBUTION\_CHANNEL\_CDE = N.DISTRIBUTION\_CHANNEL\_CDE

AND A.MATERIAL\_ID = N.MATERIAL\_ID)

INNER JOIN

DM4.DM4113\_FISCAL\_DATE\_DMN\_V O

ON A.CUSTOMER\_REQUEST\_DT = O.CALENDAR\_DT)

INNER JOIN

GBL\_CURRENT.GBL\_SALES\_OFFICES\_DDL R

ON R.SALES\_OFFICE\_CDE = G.SALES\_OFFICE\_CDE)

INNER JOIN

DM4.DM4113\_SALES\_STATS\_CTGRY\_DMN\_V S

ON A.SALES\_STAT\_CATEGORY\_CDE=S.SALES\_STATS\_CTGRY\_CDE)

INNER JOIN

DM4.DM4113\_SBMT\_SLSSTAT\_CTGR\_DMN\_V T

ON A.SBMT\_SLS\_STAT\_CATEGORY\_CDE=T.SBMT\_SALES\_STATS\_CTGRY\_CDE

WHERE A.ORDER\_IND = '1'

AND A.TYCO\_YEAR\_ID <> 1011

AND A.TRADE\_INTERCO\_IND = 'T'

AND (A.PROFIT\_CENTER\_ABBR\_NM = 'CSD'

OR E.LAYER1\_COMPETENCY\_BSNS\_CDE = '30002')

GROUP BY

B.LAYER2\_ORGANIZATION\_ID

, B.LAYER2\_ORGANIZATION\_SHORT\_NM

, B.LAYER3\_ORGANIZATION\_ID

, B.LAYER3\_ORGANIZATION\_SHORT\_NM

, A.MANUFACTURING\_ORGANIZATION\_ID

, B.ORGANIZATION\_SHORT\_NM

, C.PROFIT\_CENTER\_ABBR\_DESC

, D.SAP\_PROFIT\_CENTER\_SHORT\_DESC

, N.X\_DISTRIBUTION\_CHAIN\_STTS\_CDE

, R.DD1\_SALES\_OFFICE\_CDE

, E.LAYER1\_CMPE\_BSNS\_SHORT\_NM

, E.LAYER2\_CMPE\_BSNS\_SHORT\_NM

, E.LAYER3\_CMPE\_BSNS\_SHORT\_NM

, A.PRODUCT\_CDE

, E.PRODUCT\_NM

, A.SBMT\_SLS\_STAT\_CATEGORY\_CDE

, T.SBMT\_SALES\_STATS\_CTGRY\_NM

, S.SALES\_STATS\_CTGRY\_NM

, A.SALES\_STAT\_CATEGORY\_CDE

, E.PRODUCT\_LINE\_CDE

, G.SALES\_OFFICE\_CDE

, E.PRODUCT\_LINE\_SHORT\_NM

, F.TYCO\_ELECTRONICS\_CORP\_PART\_NBR

, F.PART\_DESC

, G.LEVEL\_1\_IBC\_CDE

, G.LEVEL\_1\_IBC\_NM

, G.LEVEL\_1\_INDUSTRY\_CDE

, G.LEVEL\_1\_INDUSTRY\_NM

, G.KEY\_CUSTOMER\_CDE

, G.KEY\_CUSTOMER\_DESC

, E.LAYER2\_COMPETENCY\_BSNS\_DESC

, H.DD1\_WW\_CUST\_ACCT\_NBR

, H.DD1\_WW\_CUST\_ACCT\_NM

, G.HIERARCHY\_CUSTOMER\_BASE\_ID

, G.HIERARCHY\_CUSTOMER\_NM

, A.SHIP\_TO\_ACCT\_BASE\_ID

, I.ST\_CUSTOMER\_NM

, I.ST\_ISO\_CTRY\_CDE

, J.LEVEL\_5\_TERRITORY\_PERSON\_NM

, J.LEVEL\_7\_TERRITORY\_PERSON\_NM

, A.HIERARCHY\_CUSTOMER\_BASE\_ID

, K.SALES\_GROUP\_NM

, A.PLANT\_ID

, L.PLANT\_NM

, R.DD2\_SALES\_OFFICE\_CDE

, R.DD3\_SALES\_OFFICE\_CDE

, A.SAP\_PROFIT\_CENTER\_CDE

, M.LAYER2\_ORGANIZATION\_ID

, M.LAYER2\_ORGANIZATION\_SHORT\_NM

, M.LAYER3\_ORGANIZATION\_ID

, M.LAYER2\_ORGANIZATION\_SHORT\_NM

, M.LAYER2\_ORGANIZATION\_SHORT\_NM

,(CASE WHEN(CASE WHEN(TO\_CHAR(TRUNC(A.TYCO\_YEAR\_ID)) IS NULL)THEN NULL

ELSE (TO\_CHAR(TRUNC(A.TYCO\_YEAR\_ID))||'-') END IS NULL)

OR (CAST( A.TYCO\_MONTH\_OF\_YEAR\_ID AS VARCHAR( 40 ) ) IS NULL) THEN NULL ELSE

(CASE WHEN(TO\_CHAR(TRUNC(A.TYCO\_YEAR\_ID)) IS NULL) THEN NULL

ELSE (TO\_CHAR(TRUNC(A.TYCO\_YEAR\_ID))||'-') END||

CAST( A.TYCO\_MONTH\_OF\_YEAR\_ID AS VARCHAR( 40 ) )) END)

, (CASE

WHEN G.SALES\_OFFICE\_CDE IN

('9702', '9700', '0036', '0110', '9703', '9501', '0001', '0003', '0026'

, '0046', '0105', '0112', '0115', '0118', '0119', '9305')

THEN 'AMER'

WHEN G.SALES\_OFFICE\_CDE IN

('1400', '0007', '1011', '1013', '1027', '1043', '1044', '1045', '1047'

, '1048', '1049', '1050', '1055', '1060', '1070', '1080', '1090', '1092'

, '1105', '1125', '1140', '1141', '1180', '1185', '1190', '1192', '2000'

, '1172', '1302', '1303', '1305', '9603', '1028', '1416', '1029')

THEN 'EMEA'

WHEN G.SALES\_OFFICE\_CDE IN

('0020', '0021', '0022', '0023', '0024', '0096', '1001', '1002', '1003'

, '1004', '1005', '1006', '1007')

THEN 'JAPAN'

WHEN G.SALES\_OFFICE\_CDE IN

('0044', '1160', '1200', '1201', '1202', '1203', '1204', '1205', '1211', '1212', '1214', '1216')

THEN 'KOREA'

WHEN G.SALES\_OFFICE\_CDE IN

('1236', '9100', '9439', '1230', '1231', '9430', '9502', '1234', '9448', '0031', '0032', '0033'

, '0034', '0098', '1232', '1233', '9436', '9438', '9449', '9503', '0045', '9450', '9508', '1237'

, '1238', '9435')

THEN 'SOUTH AP'

WHEN (G.SALES\_OFFICE\_CDE IN

('1235', '9103', '9204', '9504', '9509', '0053', '0060', '0061', '0063', '0064', '0069', '0070'

, '0071', '0072', '0073', '0074', '0075', '0076', '0077', '0078', '0079', '0080', '0081', '0082'

, '0083', '0084', '0086', '0087', '1150', '1151', '1152', '1153', '1154', '1155', '1156', '1157'

, '1158', '1159', '1161', '1162', '1163', '1164', '1165', '1166', '1167', '1168', '1169', '1171'

, '0050', '0051', '0052', '0054', '0055', '9511')

AND A.SAP\_PROFIT\_CENTER\_CDE = '0000000259'

AND C.PROFIT\_CENTER\_ABBR\_DESC = 'CSD')

OR G.SALES\_OFFICE\_CDE IN ('0040', '0041', '0042', '0043', '0097', '1031', '1032', '1033')

THEN 'TAIWAN'

WHEN (G.SALES\_OFFICE\_CDE IN

('1235', '9103', '9204', '9504', '9509', '0053', '0060', '0061', '0063', '0064', '0069', '0070'

, '0071', '0072', '0073', '0074', '0075', '0076', '0077', '0078', '0079', '0080', '0081', '0082'

, '0083', '0084', '0086', '0087', '1150', '1151', '1152', '1153', '1154', '1155', '1156', '1157'

, '1158', '1159', '1161', '1162', '1163', '1164', '1165', '1166', '1167', '1168', '1169', '1171'

, '0050', '0051', '0052', '0054', '0055', '9511')

AND A.SAP\_PROFIT\_CENTER\_CDE <> '0000000259'

AND C.PROFIT\_CENTER\_ABBR\_DESC = 'CSD')

THEN 'CHINA/HK'

WHEN R.DD1\_SALES\_OFFICE\_CDE = 'S003' THEN 'EMEA'

WHEN R.DD1\_SALES\_OFFICE\_CDE = 'S001' THEN 'AMER'

WHEN R.DD2\_SALES\_OFFICE\_CDE = 'S025' THEN 'JAPAN'

WHEN R.DD2\_SALES\_OFFICE\_CDE = 'S026' THEN 'KOREA'

WHEN R.DD2\_SALES\_OFFICE\_CDE IN ('S018', 'S006') THEN 'SOUTH AP'

WHEN R.DD3\_SALES\_OFFICE\_CDE IN ('S028', 'S030') THEN 'CHINA/HK'

WHEN R.DD3\_SALES\_OFFICE\_CDE = 'S029' THEN 'TAIWAN'

ELSE 'OTHERS' END)

, A.SELLING\_ORGANIZATION\_ID

, M.ORGANIZATION\_SHORT\_NM

, N.X\_DISTRIBUTION\_CHAIN\_STTS\_CDE)A

* + - 1. **Bookings Daily Data Table Design**

The database table as created using the SWA account. The following data types and fields were specifically designed to accommodate the data content that is inserted in the data table. Listed below is the “Create Table” script

*-- Create table*

create table BOOKINGS\_CSD\_DAILY

(

REGION VARCHAR2(13),

ORG\_ID VARCHAR2(4),

ORG\_NM VARCHAR2(50),

MNTH\_YR CHAR(6),

PROFIT\_CENTER\_ABBR\_DESC VARCHAR2(7),

SAP\_PROFIT\_CENTER\_SHORT\_DESC VARCHAR2(50),

CBC VARCHAR2(50),

GPL\_FAMILY VARCHAR2(50),

GPL\_CODE VARCHAR2(3),

GPL\_DESCRIPTION VARCHAR2(50),

PROD\_CODE VARCHAR2(4),

PRODUCT\_DESCRIPTION VARCHAR2(120),

PART\_NUMBER VARCHAR2(40),

PART\_DESCRIPTION VARCHAR2(50),

X\_DISTRIBUTION\_CHAIN\_STTS\_CDE VARCHAR2(2),

SALES\_STATS\_CATEGORY\_CODE VARCHAR2(2),

SALES\_STATS\_CATEGORY\_NAME VARCHAR2(100),

SBMT\_SLS\_STAT\_CATEGORY\_CDE VARCHAR2(6),

SBMT\_SALES\_STATS\_CATEGORY\_NAME VARCHAR2(100),

IBC VARCHAR2(3),

IBC\_NM VARCHAR2(50),

DD1\_INDUSTRY\_CDE VARCHAR2(4),

INDUSTRT\_CDE\_NM VARCHAR2(50),

DD1\_WW\_CUST\_ACCT\_NBR VARCHAR2(14),

DD1\_WW\_CUST\_ACCT\_NM VARCHAR2(50),

KEY\_CUSTOMER\_CDE VARCHAR2(3),

KEY\_CUSTOMER\_DESC VARCHAR2(50),

SOLD\_TO\_ID VARCHAR2(14),

SOLD\_TO\_NM VARCHAR2(50),

SHIP\_TO\_ACCT\_BASE\_ID VARCHAR2(14),

ST\_CUSTOMER\_NM VARCHAR2(50),

ST\_ISO\_CTRY\_CDE VARCHAR2(2),

SALES\_MANAGER VARCHAR2(50),

DSE VARCHAR2(50),

CSR VARCHAR2(50),

PLANT\_ID VARCHAR2(4),

PLANT\_NAME VARCHAR2(50),

ORDER\_QTY NUMBER,

ASP NUMBER,

ORDER\_AMOUNT NUMBER

)

tablespace SWA\_DATA\_A

pctfree 10

initrans 1

maxtrans 255

storage

(

initial 80K

next 1M

minextents 1

maxextents unlimited

);

*-- Grant/Revoke object privileges*

grant select, insert, update, delete on BOOKINGS\_CSD\_DAILY to SWA\_SOURCE;

* + - 1. **Bookings Daily Stored Procedure**

All Stored procedures are developed using the SWA\_SOURCE Account. The Bookings Daily Stored Procedure is specifically designed to execute the following:

* Delete from – Delete all current data in the database table
* Insert into – Insert all new data elements, once the SQL Query is completed.
* Stored Procedure Name – **USP\_UPDBOOKINGS\_DAILY**



create or replace procedure USP\_UPDBOOKINGS\_DAILY AS

BEGIN

DELETE FROM SWA.BOOKINGS\_CSD\_DAILY;

INSERT INTO SWA.BOOKINGS\_CSD\_DAILY

SELECT DISTINCT

A.REGION

,A.ORG\_ID

,A.ORG\_NM

,(CASE

WHEN A.ORDER\_DATE ='2011-1' then 'Oct-10'

WHEN A.ORDER\_DATE ='2011-2' then 'Nov-10'

WHEN A.ORDER\_DATE ='2011-3' then 'Dec-10'

WHEN A.ORDER\_DATE ='2011-4' then 'Jan-11'

WHEN A.ORDER\_DATE ='2011-5' then 'Feb-11'

WHEN A.ORDER\_DATE ='2011-6' then 'Mar-11'

WHEN A.ORDER\_DATE ='2011-7' then 'Apr-11'

WHEN A.ORDER\_DATE ='2011-8' then 'May-11'

WHEN A.ORDER\_DATE ='2011-9' then 'Jun-11'

WHEN A.ORDER\_DATE ='2011-10' then 'Jul-11'

WHEN A.ORDER\_DATE ='2011-11' then 'Aug-11'

WHEN A.ORDER\_DATE ='2011-12' then 'Sep-11'

*--fiscal year 2012--*

WHEN A.ORDER\_DATE ='2012-1' then 'Oct-11'

WHEN A.ORDER\_DATE ='2012-2' then 'Nov-11'

WHEN A.ORDER\_DATE ='2012-3' then 'Dec-11'

WHEN A.ORDER\_DATE ='2012-4' then 'Jan-12'

WHEN A.ORDER\_DATE ='2012-5' then 'Feb-12'

WHEN A.ORDER\_DATE ='2012-6' then 'Mar-12'

WHEN A.ORDER\_DATE ='2012-7' then 'Apr-12'

WHEN A.ORDER\_DATE ='2012-8' then 'May-12'

WHEN A.ORDER\_DATE ='2012-9' then 'Jun-12'

WHEN A.ORDER\_DATE ='2012-10' then 'Jul-12'

WHEN A.ORDER\_DATE ='2012-11' then 'Aug-12'

WHEN A.ORDER\_DATE ='2012-12' then 'Sep-12'

*--Fiscal year32013--*

WHEN A.ORDER\_DATE ='2013-1' then 'Oct-12'

WHEN A.ORDER\_DATE ='2013-2' then 'Nov-12'

WHEN A.ORDER\_DATE ='2013-3' then 'Dec-12'

WHEN A.ORDER\_DATE ='2013-4' then 'Jan-13'

WHEN A.ORDER\_DATE ='2013-5' then 'Feb-13'

WHEN A.ORDER\_DATE ='2013-6' then 'Mar-13'

WHEN A.ORDER\_DATE ='2013-7' then 'Apr-13'

WHEN A.ORDER\_DATE ='2013-8' then 'May-13'

WHEN A.ORDER\_DATE ='2013-9' then 'Jun-13'

WHEN A.ORDER\_DATE ='2013-10' then 'Jul-13'

WHEN A.ORDER\_DATE ='2013-11' then 'Aug-13'

WHEN A.ORDER\_DATE ='2013-12' then 'Sep-12'

*--Fiscal year32014--*

WHEN A.ORDER\_DATE ='2014-1' then 'Oct-13'

WHEN A.ORDER\_DATE ='2014-2' then 'Nov-13'

WHEN A.ORDER\_DATE ='2014-3' then 'Dec-13'

WHEN A.ORDER\_DATE ='2014-4' then 'Jan-14'

WHEN A.ORDER\_DATE ='2014-5' then 'Feb-14'

WHEN A.ORDER\_DATE ='2014-6' then 'Mar-14'

WHEN A.ORDER\_DATE ='2014-7' then 'Apr-14'

WHEN A.ORDER\_DATE ='2014-8' then 'May-14'

WHEN A.ORDER\_DATE ='2014-9' then 'Jun-14'

WHEN A.ORDER\_DATE ='2014-10' then 'Jul-14'

WHEN A.ORDER\_DATE ='2014-11' then 'Aug-14'

WHEN A.ORDER\_DATE ='2014-12' then 'Sep-14'

WHEN A.ORDER\_DATE ='9933-12' then 'Dec-33'

ELSE A.ORDER\_DATE END) MNTH\_YR

,A.PROFIT\_CENTER\_ABBR\_DESC

,A.SAP\_PROFIT\_CENTER\_SHORT\_DESC

,A.CBC

,A.GPL\_FAMILY

,A.GPL AS GPL\_CODE

,A.GPL\_NM AS GPL\_DESCRIPTION

,A.PRODUCT\_CDE AS PROD\_CODE

,A.PRODUCT\_NM AS PRODUCT\_DESCRIPTION

,A.TYCO\_ELECTRONICS\_CORP\_PART\_NBR AS PART\_NUMBER

,A.PART\_DESC AS PART\_DESCRIPTION

,A.X\_DISTRIBUTION\_CHAIN\_STTS\_CDE

,A.SALES\_STAT\_CATEGORY\_CDE SALES\_STATS\_CATEGORY\_CODE

,A.SALES\_STATS\_CTGRY\_NM SALES\_STATS\_CATEGORY\_NAME

,A.SBMT\_SLS\_STAT\_CATEGORY\_CDE

,A.SBMT\_SALES\_STATS\_CTGRY\_NM SBMT\_SALES\_STATS\_CATEGORY\_NAME

,A.IBC

,A.IBC\_NM

,A.INDUSTRY\_CDE AS DD1\_INDUSTRY\_CDE

,A.INDUSTRY\_NM AS INDUSTRT\_CDE\_NM

,A.DD1\_WW\_CUST\_ACCT\_NBR

,A.DD1\_WW\_CUST\_ACCT\_NM

,A.KEY\_CUSTOMER\_CDE

,A.KEY\_CUSTOMER\_DESC

,A.HIERARCHY\_CUSTOMER\_BASE\_ID AS SOLD\_TO\_ID

,A.HIERARCHY\_CUSTOMER\_NM AS SOLD\_TO\_NM

,A.SHIP\_TO\_ACCT\_BASE\_ID

,A.ST\_CUSTOMER\_NM

,A.ST\_ISO\_CTRY\_CDE

,A.SALES\_MANAGER

,A.DSE

,A.CSR

,A.PLANT\_ID

,A.PLANT\_NAME

,A.ORDER\_QTY

,A.ASP

,A.ORDER\_AMOUNT

FROM (

SELECT DISTINCT

(CASE

WHEN G.SALES\_OFFICE\_CDE in

('9702', '9700', '0036', '0110', '9703', '9501', '0001', '0003', '0026'

,'0046', '0105', '0112', '0115', '0118', '0119','0199', '9305') THEN 'AMER'

WHEN G.SALES\_OFFICE\_CDE in

('1400', '0007', '1011', '1013', '1027', '1043', '1044', '1045', '1047'

,'1048', '1049', '1050', '1055', '1060', '1070', '1080', '1090', '1092'

,'1105', '1125', '1140', '1141', '1180', '1185', '1190', '1192', '2000'

,'1172', '1302', '1303', '1305', '9603', '1028', '1416', '1029') THEN 'EMEA'

WHEN G.SALES\_OFFICE\_CDE in

('0020', '0021', '0022', '0023', '0024', '0096', '1001', '1002', '1003'

,'1004', '1005', '1006', '1007') THEN 'Japan'

WHEN G.SALES\_OFFICE\_CDE in

('0044', '1160', '1200', '1201', '1202', '1203', '1204', '1205', '1211', '1212', '1214', '1216')THEN 'Korea'

WHEN G.SALES\_OFFICE\_CDE in

('1236', '9100', '9439', '1230', '1231', '9430', '9502', '1234', '9448', '0031', '0032', '0033'

,'0034', '0098', '1232', '1233', '9436', '9438', '9449', '9503', '0045', '9450', '9508', '1237'

, '1238', '9435') THEN 'SOUTH AP'

WHEN (G.SALES\_OFFICE\_CDE IN

('1235', '9103', '9204', '9504', '9509', '0053', '0060', '0061', '0063', '0064', '0069', '0070'

,'0071', '0072', '0073', '0074', '0075', '0076', '0077', '0078', '0079', '0080', '0081', '0082'

,'0083', '0084', '0086', '0087', '1150', '1151', '1152', '1153', '1154', '1155', '1156', '1157'

,'1158', '1159', '1161', '1162', '1163', '1164', '1165', '1166', '1167', '1168', '1169', '1171'

,'0050', '0051', '0052', '0054', '0055', '9511')

AND A.SAP\_PROFIT\_CENTER\_CDE = '0000000259'

AND C.PROFIT\_CENTER\_ABBR\_DESC = 'CSD')

OR G.SALES\_OFFICE\_CDE in ('0040', '0041', '0042', '0043', '0097', '1031', '1032', '1033')THEN 'Taiwan'

WHEN (G.SALES\_OFFICE\_CDE in

('1235', '9103', '9204', '9504', '9509', '0053', '0060', '0061', '0063', '0064', '0069', '0070'

,'0071', '0072', '0073', '0074', '0075', '0076', '0077', '0078', '0079', '0080', '0081', '0082'

,'0083', '0084', '0086', '0087', '1150', '1151', '1152', '1153', '1154', '1155', '1156', '1157'

,'1158', '1159', '1161', '1162', '1163', '1164', '1165', '1166', '1167', '1168', '1169', '1171'

,'0050', '0051', '0052', '0054', '0055', '9511')

AND A.SAP\_PROFIT\_CENTER\_CDE <> '0000000259'

AND C.PROFIT\_CENTER\_ABBR\_DESC = 'CSD')THEN 'China/HK'

WHEN R.DD1\_SALES\_OFFICE\_CDE = 'S003' THEN 'EMEA'

WHEN R.DD1\_SALES\_OFFICE\_CDE = 'S001' THEN 'AMER'

WHEN R.DD2\_SALES\_OFFICE\_CDE = 'S025' THEN 'Japan'

WHEN R.DD2\_SALES\_OFFICE\_CDE = 'S026' THEN 'Korea'

WHEN R.DD2\_SALES\_OFFICE\_CDE in ('S018', 'S006') THEN 'SOUTH AP'

WHEN R.DD3\_SALES\_OFFICE\_CDE in ('S028', 'S030') THEN 'China/HK'

WHEN R.DD3\_SALES\_OFFICE\_CDE = 'S029' then 'Taiwan'

ELSE 'Others' END) REGION

,(CASE WHEN(CASE WHEN(TO\_CHAR(TRUNC(A.TYCO\_YEAR\_ID)) IS NULL)THEN NULL

ELSE (TO\_CHAR(TRUNC(A.TYCO\_YEAR\_ID))||'-') END IS NULL)

OR (CAST(A.TYCO\_MONTH\_OF\_YEAR\_ID AS VARCHAR( 40 ) ) IS NULL) THEN NULL ELSE

(CASE WHEN(TO\_CHAR(TRUNC(A.TYCO\_YEAR\_ID)) IS NULL) THEN NULL

ELSE (TO\_CHAR(TRUNC(A.TYCO\_YEAR\_ID))||'-') END||

CAST(A.TYCO\_MONTH\_OF\_YEAR\_ID AS VARCHAR( 40 ) )) END) ORDER\_DATE

, A.SELLING\_ORGANIZATION\_ID ORG\_ID

, M.ORGANIZATION\_SHORT\_NM ORG\_NM

, C.PROFIT\_CENTER\_ABBR\_DESC

, D.SAP\_PROFIT\_CENTER\_SHORT\_DESC

, E.LAYER1\_CMPE\_BSNS\_SHORT\_NM CBC

,(CASE

WHEN E.PRODUCT\_LINE\_CDE='E39' THEN 'Service'

WHEN E.LAYER1\_CMPE\_BSNS\_SHORT\_NM <>'Consumer Devices' then 'Other-BU'

ELSE E.LAYER2\_COMPETENCY\_BSNS\_DESC END)GPL\_FAMILY

, A.PRODUCT\_CDE

, E.PRODUCT\_NM

, E.PRODUCT\_LINE\_CDE GPL

, E.PRODUCT\_LINE\_SHORT\_NM GPL\_NM

, F.TYCO\_ELECTRONICS\_CORP\_PART\_NBR

, F.PART\_DESC

, G.LEVEL\_1\_IBC\_CDE IBC

, G.LEVEL\_1\_IBC\_NM IBC\_NM

, G.LEVEL\_1\_INDUSTRY\_CDE Industry\_cde

, G.LEVEL\_1\_INDUSTRY\_NM Industry\_nm

, H.DD1\_WW\_CUST\_ACCT\_NBR

, H.DD1\_WW\_CUST\_ACCT\_NM

, G.KEY\_CUSTOMER\_CDE

, G.KEY\_CUSTOMER\_DESC

, A.HIERARCHY\_CUSTOMER\_BASE\_ID

, G.HIERARCHY\_CUSTOMER\_NM

, A.SHIP\_TO\_ACCT\_BASE\_ID

, I.ST\_CUSTOMER\_NM

, I.ST\_ISO\_CTRY\_CDE

, A.SBMT\_SLS\_STAT\_CATEGORY\_CDE

, T.SBMT\_SALES\_STATS\_CTGRY\_NM

, S.SALES\_STATS\_CTGRY\_NM

, A.SALES\_STAT\_CATEGORY\_CDE

, J.LEVEL\_5\_TERRITORY\_PERSON\_NM Sales\_manager

, J.LEVEL\_7\_TERRITORY\_PERSON\_NM DSE

, N.X\_DISTRIBUTION\_CHAIN\_STTS\_CDE

, K.SALES\_GROUP\_NM CSR

, A.PLANT\_ID Plant\_Id

, L.PLANT\_NM Plant\_Name

, SUM (A.O\_ORDER\_QTY)ORDER\_QTY,

(CASE

WHEN SUM (A.O\_ORDER\_QTY) <> 0

AND SUM (A.O\_CNST\_ORDER\_LOC\_CRNC\_AMT) <> 0

THEN

ROUND (SUM (A.O\_CNST\_ORDER\_LOC\_CRNC\_AMT)/NULLIF (SUM (A.O\_ORDER\_QTY),0),2)

ELSE 0 END)ASP,

SUM(A.O\_CNST\_ORDER\_LOC\_CRNC\_AMT)ORDER\_AMOUNT

FROM ((((((((((((((((DM4.DM4113\_COSTED\_SALES\_DETAILS\_V A

INNER JOIN

DM4.DM4113\_ORGANIZATIONS\_DMN\_V B

ON B.ORGANIZATION\_ID=A.MANUFACTURING\_ORGANIZATION\_ID)

INNER JOIN

DM4.DM4113\_PROFIT\_CENTERS\_DMN\_V C

ON A.PROFIT\_CENTER\_ABBR\_NM=C.PROFIT\_CENTER\_ID )

INNER JOIN

DM4.DM4113\_SAP\_PROFIT\_CENTER\_DMN\_V D

ON A.SAP\_PROFIT\_CENTER\_CDE=D.SAP\_PROFIT\_CENTER\_CDE)

INNER JOIN

DM4.DM4113\_PRODUCTS\_DMN\_V E

ON A.PRODUCT\_CDE=E.PRODUCT\_CDE)

INNER JOIN

DM4.DM4113\_TCPN\_DMN\_V F

ON A.PART\_KEY\_ID=F.PART\_KEY\_ID)

INNER JOIN

DM4.DM4113\_CUSTOMER\_HIER\_DMN\_V G

ON G.HIERARCHY\_CUSTOMER\_ORG\_ID=A.HIERARCHY\_CUSTOMER\_ORG\_ID

AND G.HIERARCHY\_CUSTOMER\_BASE\_ID=A.HIERARCHY\_CUSTOMER\_BASE\_ID

AND G.HIERARCHY\_CUSTOMER\_SUFX\_ID=A.HIERARCHY\_CUSTOMER\_SUFX\_ID

AND G.HIERARCHY\_CUSTOMER\_IND=A.HIERARCHY\_CUSTOMER\_IND

AND G.SHIP\_TO\_ACCT\_ORGANIZATION\_ID= A.SHIP\_TO\_ACCT\_ORGANIZATION\_ID

AND G.SHIP\_TO\_ACCT\_BASE\_ID=A.SHIP\_TO\_ACCT\_BASE\_ID

AND G.SHIP\_TO\_ACCT\_SUFX\_ID=A.SHIP\_TO\_ACCT\_SUFX\_ID)

INNER JOIN

DM4.DM4113\_CUST\_WORLDWIDE\_DMN\_V H

ON G.WW\_CUST\_ACCT\_NBR=H.WW\_CUST\_ACCT\_NBR)

INNER JOIN

DM4.DM4113\_CUSTOMER\_SHIP\_TO\_DMN\_V I

ON A.SHIP\_TO\_ACCT\_ORGANIZATION\_ID=I.ST\_ACCT\_ORG\_ID

AND A.SHIP\_TO\_ACCT\_BASE\_ID=I.ST\_ACCT\_NBR\_BASE

AND A.SHIP\_TO\_ACCT\_SUFX\_ID=I.ST\_ACCT\_NBR\_SUFX)

INNER JOIN

DM4.DM4113\_SALES\_TERRITORIES\_DMN\_V J

ON J.TERRITORY\_CDE=A.SALES\_TERRITORY\_CDE

AND J.TERRITORY\_ORG\_ID=A.TERRITORY\_ORG\_ID)

INNER JOIN

DM4.DM4113\_SALES\_GROUP\_DMN\_V K

ON A.SBMT\_SALES\_GROUP\_CDE=K.SALES\_GROUP\_CDE)

INNER JOIN

DM4.DM4113\_PLANT\_ID\_DMN\_V L

ON A.PLANT\_ID=L.PLANT\_ID)

INNER JOIN

DM4.DM4113\_ORGANIZATIONS\_DMN\_V M

ON M.ORGANIZATION\_ID=A.SELLING\_ORGANIZATION\_ID)

LEFT OUTER JOIN

DM4.DM4113\_MATERIAL\_SLS\_ORGS\_DMN\_V N

ON A.SAP\_SALES\_ORGANIZATION\_ID = N.SALES\_ORGANIZATION\_ID

AND A.DISTRIBUTION\_CHANNEL\_CDE = N.DISTRIBUTION\_CHANNEL\_CDE

AND A.MATERIAL\_ID = N.MATERIAL\_ID)

INNER JOIN

DM4.DM4113\_FISCAL\_DATE\_DMN\_V O

ON A.CUSTOMER\_REQUEST\_DT = O.CALENDAR\_DT)

INNER JOIN

GBL\_CURRENT.GBL\_SALES\_OFFICES\_DDL R

ON R.SALES\_OFFICE\_CDE = G.SALES\_OFFICE\_CDE)

INNER JOIN

DM4.DM4113\_SALES\_STATS\_CTGRY\_DMN\_V S

ON A.SALES\_STAT\_CATEGORY\_CDE=S.SALES\_STATS\_CTGRY\_CDE)

INNER JOIN

DM4.DM4113\_SBMT\_SLSSTAT\_CTGR\_DMN\_V T

ON A.SBMT\_SLS\_STAT\_CATEGORY\_CDE=T.SBMT\_SALES\_STATS\_CTGRY\_CDE

WHERE A.ORDER\_IND = '1'

AND A.TYCO\_YEAR\_ID <> 1011

AND A.TRADE\_INTERCO\_IND = 'T'

AND (A.PROFIT\_CENTER\_ABBR\_NM = 'CSD'

OR E.LAYER1\_COMPETENCY\_BSNS\_CDE = '30002')

GROUP BY

B.LAYER2\_ORGANIZATION\_ID

, B.LAYER2\_ORGANIZATION\_SHORT\_NM

, B.LAYER3\_ORGANIZATION\_ID

, B.LAYER3\_ORGANIZATION\_SHORT\_NM

, A.MANUFACTURING\_ORGANIZATION\_ID

, B.ORGANIZATION\_SHORT\_NM

, C.PROFIT\_CENTER\_ABBR\_DESC

, D.SAP\_PROFIT\_CENTER\_SHORT\_DESC

, N.X\_DISTRIBUTION\_CHAIN\_STTS\_CDE

, R.DD1\_SALES\_OFFICE\_CDE

, E.LAYER1\_CMPE\_BSNS\_SHORT\_NM

, E.LAYER2\_CMPE\_BSNS\_SHORT\_NM

, E.LAYER3\_CMPE\_BSNS\_SHORT\_NM

, A.PRODUCT\_CDE

, E.PRODUCT\_NM

, A.SBMT\_SLS\_STAT\_CATEGORY\_CDE

, T.SBMT\_SALES\_STATS\_CTGRY\_NM

, S.SALES\_STATS\_CTGRY\_NM

, A.SALES\_STAT\_CATEGORY\_CDE

, E.PRODUCT\_LINE\_CDE

, G.SALES\_OFFICE\_CDE

, E.PRODUCT\_LINE\_SHORT\_NM

, F.TYCO\_ELECTRONICS\_CORP\_PART\_NBR

, F.PART\_DESC

, G.LEVEL\_1\_IBC\_CDE

, G.LEVEL\_1\_IBC\_NM

, G.LEVEL\_1\_INDUSTRY\_CDE

, G.LEVEL\_1\_INDUSTRY\_NM

, G.KEY\_CUSTOMER\_CDE

, G.KEY\_CUSTOMER\_DESC

, E.LAYER2\_COMPETENCY\_BSNS\_DESC

, H.DD1\_WW\_CUST\_ACCT\_NBR

, H.DD1\_WW\_CUST\_ACCT\_NM

, G.HIERARCHY\_CUSTOMER\_BASE\_ID

, G.HIERARCHY\_CUSTOMER\_NM

, A.SHIP\_TO\_ACCT\_BASE\_ID

, I.ST\_CUSTOMER\_NM

, I.ST\_ISO\_CTRY\_CDE

, J.LEVEL\_5\_TERRITORY\_PERSON\_NM

, J.LEVEL\_7\_TERRITORY\_PERSON\_NM

, A.HIERARCHY\_CUSTOMER\_BASE\_ID

, K.SALES\_GROUP\_NM

, A.PLANT\_ID

, L.PLANT\_NM

, R.DD2\_SALES\_OFFICE\_CDE

, R.DD3\_SALES\_OFFICE\_CDE

, A.SAP\_PROFIT\_CENTER\_CDE

, M.LAYER2\_ORGANIZATION\_ID

, M.LAYER2\_ORGANIZATION\_SHORT\_NM

, M.LAYER3\_ORGANIZATION\_ID

, M.LAYER2\_ORGANIZATION\_SHORT\_NM

, M.LAYER2\_ORGANIZATION\_SHORT\_NM

,(CASE WHEN(CASE WHEN(to\_char(trunc(A.TYCO\_YEAR\_ID)) IS NULL)THEN NULL

ELSE (TO\_CHAR(TRUNC(A.TYCO\_YEAR\_ID))||'-') END IS NULL)

OR (CAST( A.TYCO\_MONTH\_OF\_YEAR\_ID AS VARCHAR( 40 ) ) IS NULL) THEN NULL ELSE

(CASE WHEN(TO\_CHAR(TRUNC(A.TYCO\_YEAR\_ID)) IS NULL) THEN NULL

ELSE (TO\_CHAR(TRUNC(A.TYCO\_YEAR\_ID))||'-') END||

CAST( A.TYCO\_MONTH\_OF\_YEAR\_ID AS VARCHAR( 40 ) )) END)

, (CASE

WHEN G.SALES\_OFFICE\_CDE in

('9702', '9700', '0036', '0110', '9703', '9501', '0001', '0003', '0026'

, '0046', '0105', '0112', '0115', '0118', '0119', '9305')

THEN 'AMER'

WHEN G.SALES\_OFFICE\_CDE in

('1400', '0007', '1011', '1013', '1027', '1043', '1044', '1045', '1047'

, '1048', '1049', '1050', '1055', '1060', '1070', '1080', '1090', '1092'

, '1105', '1125', '1140', '1141', '1180', '1185', '1190', '1192', '2000'

, '1172', '1302', '1303', '1305', '9603', '1028', '1416', '1029')

THEN 'EMEA'

WHEN G.SALES\_OFFICE\_CDE in

('0020', '0021', '0022', '0023', '0024', '0096', '1001', '1002', '1003'

, '1004', '1005', '1006', '1007')

THEN 'Japan'

WHEN G.SALES\_OFFICE\_CDE in

('0044', '1160', '1200', '1201', '1202', '1203', '1204', '1205', '1211', '1212', '1214', '1216')

THEN 'Korea'

WHEN G.SALES\_OFFICE\_CDE in

('1236', '9100', '9439', '1230', '1231', '9430', '9502', '1234', '9448', '0031', '0032', '0033'

, '0034', '0098', '1232', '1233', '9436', '9438', '9449', '9503', '0045', '9450', '9508', '1237'

, '1238', '9435')

THEN 'SOUTH AP'

WHEN (G.SALES\_OFFICE\_CDE in

('1235', '9103', '9204', '9504', '9509', '0053', '0060', '0061', '0063', '0064', '0069', '0070'

, '0071', '0072', '0073', '0074', '0075', '0076', '0077', '0078', '0079', '0080', '0081', '0082'

, '0083', '0084', '0086', '0087', '1150', '1151', '1152', '1153', '1154', '1155', '1156', '1157'

, '1158', '1159', '1161', '1162', '1163', '1164', '1165', '1166', '1167', '1168', '1169', '1171'

, '0050', '0051', '0052', '0054', '0055', '9511')

AND A.SAP\_PROFIT\_CENTER\_CDE = '0000000259'

AND C.PROFIT\_CENTER\_ABBR\_DESC = 'CSD')

OR G.SALES\_OFFICE\_CDE in ('0040', '0041', '0042', '0043', '0097', '1031', '1032', '1033')

THEN 'Taiwan'

WHEN (G.SALES\_OFFICE\_CDE in

('1235', '9103', '9204', '9504', '9509', '0053', '0060', '0061', '0063', '0064', '0069', '0070'

, '0071', '0072', '0073', '0074', '0075', '0076', '0077', '0078', '0079', '0080', '0081', '0082'

, '0083', '0084', '0086', '0087', '1150', '1151', '1152', '1153', '1154', '1155', '1156', '1157'

, '1158', '1159', '1161', '1162', '1163', '1164', '1165', '1166', '1167', '1168', '1169', '1171'

, '0050', '0051', '0052', '0054', '0055', '9511')

AND A.SAP\_PROFIT\_CENTER\_CDE <> '0000000259'

AND C.PROFIT\_CENTER\_ABBR\_DESC = 'CSD')

THEN 'China/HK'

WHEN R.DD1\_SALES\_OFFICE\_CDE = 'S003' THEN 'EMEA'

WHEN R.DD1\_SALES\_OFFICE\_CDE = 'S001' THEN 'AMER'

WHEN R.DD2\_SALES\_OFFICE\_CDE = 'S025' THEN 'Japan'

WHEN R.DD2\_SALES\_OFFICE\_CDE = 'S026' THEN 'Korea'

WHEN R.DD2\_SALES\_OFFICE\_CDE in ('S018', 'S006') THEN 'SOUTH AP'

WHEN R.DD3\_SALES\_OFFICE\_CDE in ('S028', 'S030') THEN 'China/HK'

WHEN R.DD3\_SALES\_OFFICE\_CDE = 'S029' then 'Taiwan'

ELSE 'Others' END)

, A.SELLING\_ORGANIZATION\_ID

, M.ORGANIZATION\_SHORT\_NM

, N.X\_DISTRIBUTION\_CHAIN\_STTS\_CDE)A;

COMMIT;

END;

* 1. Bookings History

All Consumer Devices Billings data will be specific to the CSD Profit Center. . A combination of tables and views in the DM.4123 Schema will be required to compile all the elements into one dataset. Listed below are the data elements and the SQL Query that was previously developed.

|  |
| --- |
| **Data Elements** |
| REGION |
| ORG\_ID |
| ORG\_NM |
| MNTH\_YR |
| PROFIT\_CENTER\_ABBR\_DESC |
| SAP\_PROFIT\_CENTER\_SHORT\_DESC |
| CBC |
| GPL\_FAMILY |
| GPL\_CODE |
| GPL\_DESCRIPTION |
| PROD\_CODE |
| PRODUCT\_DESCRIPTION |
| PART\_NUMBER |
| PART\_DESCRIPTION |
| X\_DISTRIBUTION\_CHAIN\_STTS\_CDE |
| SALES\_STATS\_CATEGORY\_CODE |
| SALES\_STATS\_CATEGORY\_NAME |
| SBMT\_SLS\_STAT\_CATEGORY\_CDE |
| SBMT\_SALES\_STATS\_CATEGORY\_NAME |
| IBC |
| IBC\_NM |
| DD1\_INDUSTRY\_CDE |
| INDUSTRY\_CDE\_NM |
| DD1\_WW\_CUST\_ACCT\_NBR |
| DD1\_WW\_CUST\_ACCT\_NM |
| KEY\_CUSTOMER\_CDE |
| KEY\_CUSTOMER\_DESC |
| SOLD\_TO\_ID |
| SOLD\_TO\_NM |
| SHIP\_TO\_ACCT\_BASE\_ID |
| ST\_CUSTOMER\_NM |
| ST\_ISO\_CTRY\_CDE |
| SALES\_MANAGER |
| DSE |
| CSR |
| PLANT\_ID |
| PLANT\_NAME |
| ORDER\_QTY |
| ASP |
| ORDER\_AMOUNT |
|  |

* + - 1. **Bookings History SQL Query**

SELECT DISTINCT

A.REGION

,A.ORG\_ID

,A.ORG\_NM

,(CASE

WHEN A.ORDER\_DATE ='2011-1' then 'Oct-10'

WHEN A.ORDER\_DATE ='2011-2' then 'Nov-10'

WHEN A.ORDER\_DATE ='2011-3' then 'Dec-10'

WHEN A.ORDER\_DATE ='2011-4' then 'Jan-11'

WHEN A.ORDER\_DATE ='2011-5' then 'Feb-11'

WHEN A.ORDER\_DATE ='2011-6' then 'Mar-11'

WHEN A.ORDER\_DATE ='2011-7' then 'Apr-11'

WHEN A.ORDER\_DATE ='2011-8' then 'May-11'

WHEN A.ORDER\_DATE ='2011-9' then 'Jun-11'

WHEN A.ORDER\_DATE ='2011-10' then 'Jul-11'

WHEN A.ORDER\_DATE ='2011-11' then 'Aug-11'

WHEN A.ORDER\_DATE ='2011-12' then 'Sep-11'

*--fiscal year 2012--*

WHEN A.ORDER\_DATE ='2012-1' then 'Oct-11'

WHEN A.ORDER\_DATE ='2012-2' then 'Nov-11'

WHEN A.ORDER\_DATE ='2012-3' then 'Dec-11'

WHEN A.ORDER\_DATE ='2012-4' then 'Jan-12'

WHEN A.ORDER\_DATE ='2012-5' then 'Feb-12'

WHEN A.ORDER\_DATE ='2012-6' then 'Mar-12'

WHEN A.ORDER\_DATE ='2012-7' then 'Apr-12'

WHEN A.ORDER\_DATE ='2012-8' then 'May-12'

WHEN A.ORDER\_DATE ='2012-9' then 'Jun-12'

WHEN A.ORDER\_DATE ='2012-10' then 'Jul-12'

WHEN A.ORDER\_DATE ='2012-11' then 'Aug-12'

WHEN A.ORDER\_DATE ='2012-12' then 'Sep-12'

*--Fiscal year32013--*

WHEN A.ORDER\_DATE ='2013-1' then 'Oct-12'

WHEN A.ORDER\_DATE ='2013-2' then 'Nov-12'

WHEN A.ORDER\_DATE ='2013-3' then 'Dec-12'

WHEN A.ORDER\_DATE ='2013-4' then 'Jan-13'

WHEN A.ORDER\_DATE ='2013-5' then 'Feb-13'

WHEN A.ORDER\_DATE ='2013-6' then 'Mar-13'

WHEN A.ORDER\_DATE ='2013-7' then 'Apr-13'

WHEN A.ORDER\_DATE ='2013-8' then 'May-13'

WHEN A.ORDER\_DATE ='2013-9' then 'Jun-13'

WHEN A.ORDER\_DATE ='2013-10' then 'Jul-13'

WHEN A.ORDER\_DATE ='2013-11' then 'Aug-13'

WHEN A.ORDER\_DATE ='2013-12' then 'Sep-12'

*--Fiscal year32014--*

WHEN A.ORDER\_DATE ='2014-1' then 'Oct-13'

WHEN A.ORDER\_DATE ='2014-2' then 'Nov-13'

WHEN A.ORDER\_DATE ='2014-3' then 'Dec-13'

WHEN A.ORDER\_DATE ='2014-4' then 'Jan-14'

WHEN A.ORDER\_DATE ='2014-5' then 'Feb-14'

WHEN A.ORDER\_DATE ='2014-6' then 'Mar-14'

WHEN A.ORDER\_DATE ='2014-7' then 'Apr-14'

WHEN A.ORDER\_DATE ='2014-8' then 'May-14'

WHEN A.ORDER\_DATE ='2014-9' then 'Jun-14'

WHEN A.ORDER\_DATE ='2014-10' then 'Jul-14'

WHEN A.ORDER\_DATE ='2014-11' then 'Aug-14'

WHEN A.ORDER\_DATE ='2014-12' then 'Sep-14'

WHEN A.ORDER\_DATE ='9933-12' then 'Dec-33'

ELSE A.ORDER\_DATE END) MNTH\_YR

,A.PROFIT\_CENTER\_ABBR\_DESC

,A.SAP\_PROFIT\_CENTER\_SHORT\_DESC

,A.CBC

,A.GPL\_FAMILY

,A.GPL AS GPL\_CODE

,A.GPL\_NM AS GPL\_DESCRIPTION

,A.PRODUCT\_CDE AS PROD\_CODE

,A.PRODUCT\_NM AS PRODUCT\_DESCRIPTION

,A.TYCO\_ELECTRONICS\_CORP\_PART\_NBR AS PART\_NUMBER

,A.PART\_DESC AS PART\_DESCRIPTION

,A.X\_DISTRIBUTION\_CHAIN\_STTS\_CDE

,A.SALES\_STAT\_CATEGORY\_CDE SALES\_STATS\_CATEGORY\_CODE

,A.SALES\_STATS\_CTGRY\_NM SALES\_STATS\_CATEGORY\_NAME

,A.SBMT\_SLS\_STAT\_CATEGORY\_CDE

,A.SBMT\_SALES\_STATS\_CTGRY\_NM SBMT\_SALES\_STATS\_CATEGORY\_NAME

,A.IBC

,A.IBC\_NM

,A.INDUSTRY\_CDE AS DD1\_INDUSTRY\_CDE

,A.INDUSTRY\_NM AS INDUSTRT\_CDE\_NM

,A.DD1\_WW\_CUST\_ACCT\_NBR

,A.DD1\_WW\_CUST\_ACCT\_NM

,A.KEY\_CUSTOMER\_CDE

,A.KEY\_CUSTOMER\_DESC

,A.HIERARCHY\_CUSTOMER\_BASE\_ID AS SOLD\_TO\_ID

,A.HIERARCHY\_CUSTOMER\_NM AS SOLD\_TO\_NM

,A.SHIP\_TO\_ACCT\_BASE\_ID

,A.ST\_CUSTOMER\_NM

,A.ST\_ISO\_CTRY\_CDE

,A.SALES\_MANAGER

,A.DSE

,A.CSR

,A.PLANT\_ID

,A.PLANT\_NAME

,A.ORDER\_QTY

,A.ASP

,A.ORDER\_AMOUNT

FROM (

SELECT DISTINCT

(CASE

WHEN G.SALES\_OFFICE\_CDE in

('9702', '9700', '0036', '0110', '9703', '9501', '0001', '0003', '0026'

,'0046', '0105', '0112', '0115', '0118', '0119','0199', '9305') THEN 'AMER'

WHEN G.SALES\_OFFICE\_CDE in

('1400', '0007', '1011', '1013', '1027', '1043', '1044', '1045', '1047'

,'1048', '1049', '1050', '1055', '1060', '1070', '1080', '1090', '1092'

,'1105', '1125', '1140', '1141', '1180', '1185', '1190', '1192', '2000'

,'1172', '1302', '1303', '1305', '9603', '1028', '1416', '1029') THEN 'EMEA'

WHEN G.SALES\_OFFICE\_CDE in

('0020', '0021', '0022', '0023', '0024', '0096', '1001', '1002', '1003'

,'1004', '1005', '1006', '1007') THEN 'Japan'

WHEN G.SALES\_OFFICE\_CDE in

('0044', '1160', '1200', '1201', '1202', '1203', '1204', '1205', '1211', '1212', '1214', '1216')THEN 'Korea'

WHEN G.SALES\_OFFICE\_CDE in

('1236', '9100', '9439', '1230', '1231', '9430', '9502', '1234', '9448', '0031', '0032', '0033'

,'0034', '0098', '1232', '1233', '9436', '9438', '9449', '9503', '0045', '9450', '9508', '1237'

, '1238', '9435') THEN 'SOUTH AP'

WHEN (G.SALES\_OFFICE\_CDE IN

('1235', '9103', '9204', '9504', '9509', '0053', '0060', '0061', '0063', '0064', '0069', '0070'

,'0071', '0072', '0073', '0074', '0075', '0076', '0077', '0078', '0079', '0080', '0081', '0082'

,'0083', '0084', '0086', '0087', '1150', '1151', '1152', '1153', '1154', '1155', '1156', '1157'

,'1158', '1159', '1161', '1162', '1163', '1164', '1165', '1166', '1167', '1168', '1169', '1171'

,'0050', '0051', '0052', '0054', '0055', '9511')

AND A.SAP\_PROFIT\_CENTER\_CDE = '0000000259'

AND C.PROFIT\_CENTER\_ABBR\_DESC = 'CSD')

OR G.SALES\_OFFICE\_CDE in ('0040', '0041', '0042', '0043', '0097', '1031', '1032', '1033')THEN 'Taiwan'

WHEN (G.SALES\_OFFICE\_CDE in

('1235', '9103', '9204', '9504', '9509', '0053', '0060', '0061', '0063', '0064', '0069', '0070'

,'0071', '0072', '0073', '0074', '0075', '0076', '0077', '0078', '0079', '0080', '0081', '0082'

,'0083', '0084', '0086', '0087', '1150', '1151', '1152', '1153', '1154', '1155', '1156', '1157'

,'1158', '1159', '1161', '1162', '1163', '1164', '1165', '1166', '1167', '1168', '1169', '1171'

,'0050', '0051', '0052', '0054', '0055', '9511')

AND A.SAP\_PROFIT\_CENTER\_CDE <> '0000000259'

AND C.PROFIT\_CENTER\_ABBR\_DESC = 'CSD')THEN 'China/HK'

WHEN R.DD1\_SALES\_OFFICE\_CDE = 'S003' THEN 'EMEA'

WHEN R.DD1\_SALES\_OFFICE\_CDE = 'S001' THEN 'AMER'

WHEN R.DD2\_SALES\_OFFICE\_CDE = 'S025' THEN 'Japan'

WHEN R.DD2\_SALES\_OFFICE\_CDE = 'S026' THEN 'Korea'

WHEN R.DD2\_SALES\_OFFICE\_CDE in ('S018', 'S006') THEN 'SOUTH AP'

WHEN R.DD3\_SALES\_OFFICE\_CDE in ('S028', 'S030') THEN 'China/HK'

WHEN R.DD3\_SALES\_OFFICE\_CDE = 'S029' then 'Taiwan'

ELSE 'Others' END) REGION

,(CASE WHEN(CASE WHEN(TO\_CHAR(TRUNC(A.TYCO\_YEAR\_ID)) IS NULL)THEN NULL

ELSE (TO\_CHAR(TRUNC(A.TYCO\_YEAR\_ID))||'-') END IS NULL)

OR (CAST(A.TYCO\_MONTH\_OF\_YEAR\_ID AS VARCHAR( 40 ) ) IS NULL) THEN NULL ELSE

(CASE WHEN(TO\_CHAR(TRUNC(A.TYCO\_YEAR\_ID)) IS NULL) THEN NULL

ELSE (TO\_CHAR(TRUNC(A.TYCO\_YEAR\_ID))||'-') END||

CAST(A.TYCO\_MONTH\_OF\_YEAR\_ID AS VARCHAR( 40 ) )) END) ORDER\_DATE

, A.SELLING\_ORGANIZATION\_ID ORG\_ID

, M.ORGANIZATION\_SHORT\_NM ORG\_NM

, C.PROFIT\_CENTER\_ABBR\_DESC

, D.SAP\_PROFIT\_CENTER\_SHORT\_DESC

, E.LAYER1\_CMPE\_BSNS\_SHORT\_NM CBC

,(CASE

WHEN E.PRODUCT\_LINE\_CDE='E39' THEN 'Service'

WHEN E.LAYER1\_CMPE\_BSNS\_SHORT\_NM <>'Consumer Devices' then 'Other-BU'

ELSE E.LAYER2\_COMPETENCY\_BSNS\_DESC END)GPL\_FAMILY

, A.PRODUCT\_CDE

, E.PRODUCT\_NM

, E.PRODUCT\_LINE\_CDE GPL

, E.PRODUCT\_LINE\_SHORT\_NM GPL\_NM

, F.TYCO\_ELECTRONICS\_CORP\_PART\_NBR

, F.PART\_DESC

, G.LEVEL\_1\_IBC\_CDE IBC

, G.LEVEL\_1\_IBC\_NM IBC\_NM

, G.LEVEL\_1\_INDUSTRY\_CDE Industry\_cde

, G.LEVEL\_1\_INDUSTRY\_NM Industry\_nm

, H.DD1\_WW\_CUST\_ACCT\_NBR

, H.DD1\_WW\_CUST\_ACCT\_NM

, G.KEY\_CUSTOMER\_CDE

, G.KEY\_CUSTOMER\_DESC

, A.HIERARCHY\_CUSTOMER\_BASE\_ID

, G.HIERARCHY\_CUSTOMER\_NM

, A.SHIP\_TO\_ACCT\_BASE\_ID

, I.ST\_CUSTOMER\_NM

, I.ST\_ISO\_CTRY\_CDE

, A.SBMT\_SLS\_STAT\_CATEGORY\_CDE

, T.SBMT\_SALES\_STATS\_CTGRY\_NM

, S.SALES\_STATS\_CTGRY\_NM

, A.SALES\_STAT\_CATEGORY\_CDE

, J.LEVEL\_5\_TERRITORY\_PERSON\_NM Sales\_manager

, J.LEVEL\_7\_TERRITORY\_PERSON\_NM DSE

, N.X\_DISTRIBUTION\_CHAIN\_STTS\_CDE

, K.SALES\_GROUP\_NM CSR

, A.PLANT\_ID Plant\_Id

, L.PLANT\_NM Plant\_Name

, SUM (A.O\_ORDER\_QTY)ORDER\_QTY,

(CASE

WHEN SUM (A.O\_ORDER\_QTY) <> 0

AND SUM (A.O\_CNST\_ORDER\_LOC\_CRNC\_AMT) <> 0

THEN

ROUND (SUM (A.O\_CNST\_ORDER\_LOC\_CRNC\_AMT)/NULLIF (SUM (A.O\_ORDER\_QTY),0),2)

ELSE 0 END)ASP,

SUM(A.O\_CNST\_ORDER\_LOC\_CRNC\_AMT)ORDER\_AMOUNT

FROM ((((((((((((((((DM4.DM4123\_SALES\_SMRS\_V A

INNER JOIN

DM4.DM4123\_ORGANIZATIONS\_DMN\_V B

ON B.ORGANIZATION\_ID=A.MANUFACTURING\_ORGANIZATION\_ID)

INNER JOIN

DM4.DM4123\_PROFIT\_CENTERS\_DMN\_V C

ON A.PROFIT\_CENTER\_ABBR\_NM=C.PROFIT\_CENTER\_ID )

INNER JOIN

DM4.DM4123\_SAP\_PROFIT\_CENTER\_DMN\_V D

ON A.SAP\_PROFIT\_CENTER\_CDE=D.SAP\_PROFIT\_CENTER\_CDE)

INNER JOIN

DM4.DM4123\_PRODUCTS\_DMN\_V E

ON A.PRODUCT\_CDE=E.PRODUCT\_CDE)

INNER JOIN

DM4.DM4123\_TCPN\_DMN\_V F

ON A.PART\_KEY\_ID=F.PART\_KEY\_ID)

INNER JOIN

DM4.DM4123\_CUSTOMER\_HIER\_DMN\_V G

ON G.HIERARCHY\_CUSTOMER\_ORG\_ID=A.HIERARCHY\_CUSTOMER\_ORG\_ID

AND G.HIERARCHY\_CUSTOMER\_BASE\_ID=A.HIERARCHY\_CUSTOMER\_BASE\_ID

AND G.HIERARCHY\_CUSTOMER\_SUFX\_ID=A.HIERARCHY\_CUSTOMER\_SUFX\_ID

AND G.HIERARCHY\_CUSTOMER\_IND=A.HIERARCHY\_CUSTOMER\_IND

AND G.SHIP\_TO\_ACCT\_ORGANIZATION\_ID= A.SHIP\_TO\_ACCT\_ORGANIZATION\_ID

AND G.SHIP\_TO\_ACCT\_BASE\_ID=A.SHIP\_TO\_ACCT\_BASE\_ID

AND G.SHIP\_TO\_ACCT\_SUFX\_ID=A.SHIP\_TO\_ACCT\_SUFX\_ID)

INNER JOIN

DM4.DM4123\_CUST\_WORLDWIDE\_DMN\_V H

ON G.WW\_CUST\_ACCT\_NBR=H.WW\_CUST\_ACCT\_NBR)

INNER JOIN

DM4.DM4123\_CUSTOMER\_SHIP\_TO\_DMN\_V I

ON A.SHIP\_TO\_ACCT\_ORGANIZATION\_ID=I.ST\_ACCT\_ORG\_ID

AND A.SHIP\_TO\_ACCT\_BASE\_ID=I.ST\_ACCT\_NBR\_BASE

AND A.SHIP\_TO\_ACCT\_SUFX\_ID=I.ST\_ACCT\_NBR\_SUFX)

INNER JOIN

DM4.DM4123\_SALES\_TERRITORIES\_DMN\_V J

ON J.TERRITORY\_CDE=A.SALES\_TERRITORY\_CDE

AND J.TERRITORY\_ORG\_ID=A.TERRITORY\_ORG\_ID)

INNER JOIN

DM4.DM4123\_SALES\_GROUP\_DMN\_V K

ON A.SBMT\_SALES\_GROUP\_CDE=K.SALES\_GROUP\_CDE)

INNER JOIN

DM4.DM4123\_PLANT\_ID\_DMN\_V L

ON A.PLANT\_ID=L.PLANT\_ID)

INNER JOIN

DM4.DM4123\_ORGANIZATIONS\_DMN\_V M

ON M.ORGANIZATION\_ID=A.SELLING\_ORGANIZATION\_ID)

LEFT OUTER JOIN

DM4.DM4123\_MATERIAL\_SLS\_ORGS\_DMN\_V N

ON A.SAP\_SALES\_ORGANIZATION\_ID = N.SALES\_ORGANIZATION\_ID

AND A.DISTRIBUTION\_CHANNEL\_CDE = N.DISTRIBUTION\_CHANNEL\_CDE

AND A.MATERIAL\_ID = N.MATERIAL\_ID)

INNER JOIN

DM4.DM4123\_FISCAL\_DATE\_DMN\_V O

ON A.CUSTOMER\_REQUEST\_DT = O.CALENDAR\_DT)

INNER JOIN

GBL\_CURRENT.GBL\_SALES\_OFFICES\_DDL R

ON R.SALES\_OFFICE\_CDE = G.SALES\_OFFICE\_CDE)

INNER JOIN

DM4.DM4123\_SALES\_STATS\_CTGRY\_DMN\_V S

ON A.SALES\_STAT\_CATEGORY\_CDE=S.SALES\_STATS\_CTGRY\_CDE)

INNER JOIN

DM4.DM4123\_SBMT\_SLSSTAT\_CTGR\_DMN\_V T

ON A.SBMT\_SLS\_STAT\_CATEGORY\_CDE=T.SBMT\_SALES\_STATS\_CTGRY\_CDE

WHERE A.ORDER\_IND = '1'

AND A.TYCO\_YEAR\_ID <> 1011

AND A.TRADE\_INTERCO\_IND = 'T'

AND (A.PROFIT\_CENTER\_ABBR\_NM = 'CSD'

OR E.LAYER1\_COMPETENCY\_BSNS\_CDE = '30002')

GROUP BY

B.LAYER2\_ORGANIZATION\_ID

, B.LAYER2\_ORGANIZATION\_SHORT\_NM

, B.LAYER3\_ORGANIZATION\_ID

, B.LAYER3\_ORGANIZATION\_SHORT\_NM

, A.MANUFACTURING\_ORGANIZATION\_ID

, B.ORGANIZATION\_SHORT\_NM

, C.PROFIT\_CENTER\_ABBR\_DESC

, D.SAP\_PROFIT\_CENTER\_SHORT\_DESC

, N.X\_DISTRIBUTION\_CHAIN\_STTS\_CDE

, R.DD1\_SALES\_OFFICE\_CDE

, E.LAYER1\_CMPE\_BSNS\_SHORT\_NM

, E.LAYER2\_CMPE\_BSNS\_SHORT\_NM

, E.LAYER3\_CMPE\_BSNS\_SHORT\_NM

, A.PRODUCT\_CDE

, E.PRODUCT\_NM

, A.SBMT\_SLS\_STAT\_CATEGORY\_CDE

, T.SBMT\_SALES\_STATS\_CTGRY\_NM

, S.SALES\_STATS\_CTGRY\_NM

, A.SALES\_STAT\_CATEGORY\_CDE

, E.PRODUCT\_LINE\_CDE

, G.SALES\_OFFICE\_CDE

, E.PRODUCT\_LINE\_SHORT\_NM

, F.TYCO\_ELECTRONICS\_CORP\_PART\_NBR

, F.PART\_DESC

, G.LEVEL\_1\_IBC\_CDE

, G.LEVEL\_1\_IBC\_NM

, G.LEVEL\_1\_INDUSTRY\_CDE

, G.LEVEL\_1\_INDUSTRY\_NM

, G.KEY\_CUSTOMER\_CDE

, G.KEY\_CUSTOMER\_DESC

, E.LAYER2\_COMPETENCY\_BSNS\_DESC

, H.DD1\_WW\_CUST\_ACCT\_NBR

, H.DD1\_WW\_CUST\_ACCT\_NM

, G.HIERARCHY\_CUSTOMER\_BASE\_ID

, G.HIERARCHY\_CUSTOMER\_NM

, A.SHIP\_TO\_ACCT\_BASE\_ID

, I.ST\_CUSTOMER\_NM

, I.ST\_ISO\_CTRY\_CDE

, J.LEVEL\_5\_TERRITORY\_PERSON\_NM

, J.LEVEL\_7\_TERRITORY\_PERSON\_NM

, A.HIERARCHY\_CUSTOMER\_BASE\_ID

, K.SALES\_GROUP\_NM

, A.PLANT\_ID

, L.PLANT\_NM

, R.DD2\_SALES\_OFFICE\_CDE

, R.DD3\_SALES\_OFFICE\_CDE

, A.SAP\_PROFIT\_CENTER\_CDE

, M.LAYER2\_ORGANIZATION\_ID

, M.LAYER2\_ORGANIZATION\_SHORT\_NM

, M.LAYER3\_ORGANIZATION\_ID

, M.LAYER2\_ORGANIZATION\_SHORT\_NM

, M.LAYER2\_ORGANIZATION\_SHORT\_NM

,(CASE WHEN(CASE WHEN(to\_char(trunc(A.TYCO\_YEAR\_ID)) IS NULL)THEN NULL

ELSE (TO\_CHAR(TRUNC(A.TYCO\_YEAR\_ID))||'-') END IS NULL)

OR (CAST( A.TYCO\_MONTH\_OF\_YEAR\_ID AS VARCHAR( 40 ) ) IS NULL) THEN NULL ELSE

(CASE WHEN(TO\_CHAR(TRUNC(A.TYCO\_YEAR\_ID)) IS NULL) THEN NULL

ELSE (TO\_CHAR(TRUNC(A.TYCO\_YEAR\_ID))||'-') END||

CAST( A.TYCO\_MONTH\_OF\_YEAR\_ID AS VARCHAR( 40 ) )) END)

, (CASE

WHEN G.SALES\_OFFICE\_CDE in

('9702', '9700', '0036', '0110', '9703', '9501', '0001', '0003', '0026'

, '0046', '0105', '0112', '0115', '0118', '0119', '9305')

THEN 'AMER'

WHEN G.SALES\_OFFICE\_CDE in

('1400', '0007', '1011', '1013', '1027', '1043', '1044', '1045', '1047'

, '1048', '1049', '1050', '1055', '1060', '1070', '1080', '1090', '1092'

, '1105', '1125', '1140', '1141', '1180', '1185', '1190', '1192', '2000'

, '1172', '1302', '1303', '1305', '9603', '1028', '1416', '1029')

THEN 'EMEA'

WHEN G.SALES\_OFFICE\_CDE in

('0020', '0021', '0022', '0023', '0024', '0096', '1001', '1002', '1003'

, '1004', '1005', '1006', '1007')

THEN 'Japan'

WHEN G.SALES\_OFFICE\_CDE in

('0044', '1160', '1200', '1201', '1202', '1203', '1204', '1205', '1211', '1212', '1214', '1216')

THEN 'Korea'

WHEN G.SALES\_OFFICE\_CDE in

('1236', '9100', '9439', '1230', '1231', '9430', '9502', '1234', '9448', '0031', '0032', '0033'

, '0034', '0098', '1232', '1233', '9436', '9438', '9449', '9503', '0045', '9450', '9508', '1237'

, '1238', '9435')

THEN 'SOUTH AP'

WHEN (G.SALES\_OFFICE\_CDE in

('1235', '9103', '9204', '9504', '9509', '0053', '0060', '0061', '0063', '0064', '0069', '0070'

, '0071', '0072', '0073', '0074', '0075', '0076', '0077', '0078', '0079', '0080', '0081', '0082'

, '0083', '0084', '0086', '0087', '1150', '1151', '1152', '1153', '1154', '1155', '1156', '1157'

, '1158', '1159', '1161', '1162', '1163', '1164', '1165', '1166', '1167', '1168', '1169', '1171'

, '0050', '0051', '0052', '0054', '0055', '9511')

AND A.SAP\_PROFIT\_CENTER\_CDE = '0000000259'

AND C.PROFIT\_CENTER\_ABBR\_DESC = 'CSD')

OR G.SALES\_OFFICE\_CDE in ('0040', '0041', '0042', '0043', '0097', '1031', '1032', '1033')

THEN 'Taiwan'

WHEN (G.SALES\_OFFICE\_CDE in

('1235', '9103', '9204', '9504', '9509', '0053', '0060', '0061', '0063', '0064', '0069', '0070'

, '0071', '0072', '0073', '0074', '0075', '0076', '0077', '0078', '0079', '0080', '0081', '0082'

, '0083', '0084', '0086', '0087', '1150', '1151', '1152', '1153', '1154', '1155', '1156', '1157'

, '1158', '1159', '1161', '1162', '1163', '1164', '1165', '1166', '1167', '1168', '1169', '1171'

, '0050', '0051', '0052', '0054', '0055', '9511')

AND A.SAP\_PROFIT\_CENTER\_CDE <> '0000000259'

AND C.PROFIT\_CENTER\_ABBR\_DESC = 'CSD')

THEN 'China/HK'

WHEN R.DD1\_SALES\_OFFICE\_CDE = 'S003' THEN 'EMEA'

WHEN R.DD1\_SALES\_OFFICE\_CDE = 'S001' THEN 'AMER'

WHEN R.DD2\_SALES\_OFFICE\_CDE = 'S025' THEN 'Japan'

WHEN R.DD2\_SALES\_OFFICE\_CDE = 'S026' THEN 'Korea'

WHEN R.DD2\_SALES\_OFFICE\_CDE in ('S018', 'S006') THEN 'SOUTH AP'

WHEN R.DD3\_SALES\_OFFICE\_CDE in ('S028', 'S030') THEN 'China/HK'

WHEN R.DD3\_SALES\_OFFICE\_CDE = 'S029' then 'Taiwan'

ELSE 'Others' END)

, A.SELLING\_ORGANIZATION\_ID

, M.ORGANIZATION\_SHORT\_NM

, N.X\_DISTRIBUTION\_CHAIN\_STTS\_CDE)A

* + - 1. **Bookings Hist Data Table Design**

The database table as created using the SWA account. The following data types and fields were specifically designed to accommodate the data content that is inserted in the data table. Listed below is the “Create Table” script

*-- Create table*

create table BOOKINGS\_HIST\_DAILY

(

REGION VARCHAR2(13),

ORG\_ID VARCHAR2(4),

ORG\_NM VARCHAR2(50),

MNTH\_YR CHAR(6),

PROFIT\_CENTER\_ABBR\_DESC VARCHAR2(7),

SAP\_PROFIT\_CENTER\_SHORT\_DESC VARCHAR2(50),

CBC VARCHAR2(50),

GPL\_FAMILY VARCHAR2(50),

GPL\_CODE VARCHAR2(3),

GPL\_DESCRIPTION VARCHAR2(50),

PROD\_CODE VARCHAR2(4),

PRODUCT\_DESCRIPTION VARCHAR2(120),

PART\_NUMBER VARCHAR2(40),

PART\_DESCRIPTION VARCHAR2(50),

X\_DISTRIBUTION\_CHAIN\_STTS\_CDE VARCHAR2(2),

SALES\_STATS\_CATEGORY\_CODE VARCHAR2(2),

SALES\_STATS\_CATEGORY\_NAME VARCHAR2(100),

SBMT\_SLS\_STAT\_CATEGORY\_CDE VARCHAR2(6),

SBMT\_SALES\_STATS\_CATEGORY\_NAME VARCHAR2(100),

IBC VARCHAR2(3),

IBC\_NM VARCHAR2(50),

DD1\_INDUSTRY\_CDE VARCHAR2(4),

INDUSTRT\_CDE\_NM VARCHAR2(50),

DD1\_WW\_CUST\_ACCT\_NBR VARCHAR2(14),

DD1\_WW\_CUST\_ACCT\_NM VARCHAR2(50),

KEY\_CUSTOMER\_CDE VARCHAR2(3),

KEY\_CUSTOMER\_DESC VARCHAR2(50),

SOLD\_TO\_ID VARCHAR2(14),

SOLD\_TO\_NM VARCHAR2(50),

SHIP\_TO\_ACCT\_BASE\_ID VARCHAR2(14),

ST\_CUSTOMER\_NM VARCHAR2(50),

ST\_ISO\_CTRY\_CDE VARCHAR2(2),

SALES\_MANAGER VARCHAR2(50),

DSE VARCHAR2(50),

CSR VARCHAR2(50),

PLANT\_ID VARCHAR2(4),

PLANT\_NAME VARCHAR2(50),

ORDER\_QTY NUMBER,

ASP NUMBER,

ORDER\_AMOUNT NUMBER

)

tablespace SWA\_DATA\_A

pctfree 10

initrans 1

maxtrans 255

storage

(

initial 80K

next 1M

minextents 1

maxextents unlimited

);

*-- Grant/Revoke object privileges*

grant select, insert, update, delete on BOOKINGS\_HIST\_DAILY to SWA\_SOURCE;

* + - 1. **Bookings History Stored Procedure**

All Stored procedures are developed using the SWA\_SOURCE Account. The Bookings Hist Stored Procedure is specifically designed to execute the following:

* Delete from – Delete all current data in the database table
* Insert into – Insert all new data elements, once the SQL Query is completed.
* Stored Procedure Name – **USP\_UPDBOOKINGS\_HIST**



create or replace procedure USP\_UPDBOOKINGS\_HIST AS

BEGIN

DELETE FROM SWA.BOOKINGS\_CSD\_HIST;

INSERT INTO SWA.BOOKINGS\_CSD\_HIST

SELECT DISTINCT

A.REGION

,A.ORG\_ID

,A.ORG\_NM

,(CASE

WHEN A.ORDER\_DATE ='2011-1' then 'Oct-10'

WHEN A.ORDER\_DATE ='2011-2' then 'Nov-10'

WHEN A.ORDER\_DATE ='2011-3' then 'Dec-10'

WHEN A.ORDER\_DATE ='2011-4' then 'Jan-11'

WHEN A.ORDER\_DATE ='2011-5' then 'Feb-11'

WHEN A.ORDER\_DATE ='2011-6' then 'Mar-11'

WHEN A.ORDER\_DATE ='2011-7' then 'Apr-11'

WHEN A.ORDER\_DATE ='2011-8' then 'May-11'

WHEN A.ORDER\_DATE ='2011-9' then 'Jun-11'

WHEN A.ORDER\_DATE ='2011-10' then 'Jul-11'

WHEN A.ORDER\_DATE ='2011-11' then 'Aug-11'

WHEN A.ORDER\_DATE ='2011-12' then 'Sep-11'

*--fiscal year 2012--*

WHEN A.ORDER\_DATE ='2012-1' then 'Oct-11'

WHEN A.ORDER\_DATE ='2012-2' then 'Nov-11'

WHEN A.ORDER\_DATE ='2012-3' then 'Dec-11'

WHEN A.ORDER\_DATE ='2012-4' then 'Jan-12'

WHEN A.ORDER\_DATE ='2012-5' then 'Feb-12'

WHEN A.ORDER\_DATE ='2012-6' then 'Mar-12'

WHEN A.ORDER\_DATE ='2012-7' then 'Apr-12'

WHEN A.ORDER\_DATE ='2012-8' then 'May-12'

WHEN A.ORDER\_DATE ='2012-9' then 'Jun-12'

WHEN A.ORDER\_DATE ='2012-10' then 'Jul-12'

WHEN A.ORDER\_DATE ='2012-11' then 'Aug-12'

WHEN A.ORDER\_DATE ='2012-12' then 'Sep-12'

*--Fiscal year32013--*

WHEN A.ORDER\_DATE ='2013-1' then 'Oct-12'

WHEN A.ORDER\_DATE ='2013-2' then 'Nov-12'

WHEN A.ORDER\_DATE ='2013-3' then 'Dec-12'

WHEN A.ORDER\_DATE ='2013-4' then 'Jan-13'

WHEN A.ORDER\_DATE ='2013-5' then 'Feb-13'

WHEN A.ORDER\_DATE ='2013-6' then 'Mar-13'

WHEN A.ORDER\_DATE ='2013-7' then 'Apr-13'

WHEN A.ORDER\_DATE ='2013-8' then 'May-13'

WHEN A.ORDER\_DATE ='2013-9' then 'Jun-13'

WHEN A.ORDER\_DATE ='2013-10' then 'Jul-13'

WHEN A.ORDER\_DATE ='2013-11' then 'Aug-13'

WHEN A.ORDER\_DATE ='2013-12' then 'Sep-12'

*--Fiscal year32014--*

WHEN A.ORDER\_DATE ='2014-1' then 'Oct-13'

WHEN A.ORDER\_DATE ='2014-2' then 'Nov-13'

WHEN A.ORDER\_DATE ='2014-3' then 'Dec-13'

WHEN A.ORDER\_DATE ='2014-4' then 'Jan-14'

WHEN A.ORDER\_DATE ='2014-5' then 'Feb-14'

WHEN A.ORDER\_DATE ='2014-6' then 'Mar-14'

WHEN A.ORDER\_DATE ='2014-7' then 'Apr-14'

WHEN A.ORDER\_DATE ='2014-8' then 'May-14'

WHEN A.ORDER\_DATE ='2014-9' then 'Jun-14'

WHEN A.ORDER\_DATE ='2014-10' then 'Jul-14'

WHEN A.ORDER\_DATE ='2014-11' then 'Aug-14'

WHEN A.ORDER\_DATE ='2014-12' then 'Sep-14'

WHEN A.ORDER\_DATE ='9933-12' then 'Dec-33'

ELSE A.ORDER\_DATE END) MNTH\_YR

,A.PROFIT\_CENTER\_ABBR\_DESC

,A.SAP\_PROFIT\_CENTER\_SHORT\_DESC

,A.CBC

,A.GPL\_FAMILY

,A.GPL AS GPL\_CODE

,A.GPL\_NM AS GPL\_DESCRIPTION

,A.PRODUCT\_CDE AS PROD\_CODE

,A.PRODUCT\_NM AS PRODUCT\_DESCRIPTION

,A.TYCO\_ELECTRONICS\_CORP\_PART\_NBR AS PART\_NUMBER

,A.PART\_DESC AS PART\_DESCRIPTION

,A.X\_DISTRIBUTION\_CHAIN\_STTS\_CDE

,A.SALES\_STAT\_CATEGORY\_CDE SALES\_STATS\_CATEGORY\_CODE

,A.SALES\_STATS\_CTGRY\_NM SALES\_STATS\_CATEGORY\_NAME

,A.SBMT\_SLS\_STAT\_CATEGORY\_CDE

,A.SBMT\_SALES\_STATS\_CTGRY\_NM SBMT\_SALES\_STATS\_CATEGORY\_NAME

,A.IBC

,A.IBC\_NM

,A.INDUSTRY\_CDE AS DD1\_INDUSTRY\_CDE

,A.INDUSTRY\_NM AS INDUSTRT\_CDE\_NM

,A.DD1\_WW\_CUST\_ACCT\_NBR

,A.DD1\_WW\_CUST\_ACCT\_NM

,A.KEY\_CUSTOMER\_CDE

,A.KEY\_CUSTOMER\_DESC

,A.HIERARCHY\_CUSTOMER\_BASE\_ID AS SOLD\_TO\_ID

,A.HIERARCHY\_CUSTOMER\_NM AS SOLD\_TO\_NM

,A.SHIP\_TO\_ACCT\_BASE\_ID

,A.ST\_CUSTOMER\_NM

,A.ST\_ISO\_CTRY\_CDE

,A.SALES\_MANAGER

,A.DSE

,A.CSR

,A.PLANT\_ID

,A.PLANT\_NAME

,A.ORDER\_QTY

,A.ASP

,A.ORDER\_AMOUNT

FROM (

SELECT DISTINCT

(CASE

WHEN G.SALES\_OFFICE\_CDE in

('9702', '9700', '0036', '0110', '9703', '9501', '0001', '0003', '0026'

,'0046', '0105', '0112', '0115', '0118', '0119','0199', '9305') THEN 'AMER'

WHEN G.SALES\_OFFICE\_CDE in

('1400', '0007', '1011', '1013', '1027', '1043', '1044', '1045', '1047'

,'1048', '1049', '1050', '1055', '1060', '1070', '1080', '1090', '1092'

,'1105', '1125', '1140', '1141', '1180', '1185', '1190', '1192', '2000'

,'1172', '1302', '1303', '1305', '9603', '1028', '1416', '1029') THEN 'EMEA'

WHEN G.SALES\_OFFICE\_CDE in

('0020', '0021', '0022', '0023', '0024', '0096', '1001', '1002', '1003'

,'1004', '1005', '1006', '1007') THEN 'Japan'

WHEN G.SALES\_OFFICE\_CDE in

('0044', '1160', '1200', '1201', '1202', '1203', '1204', '1205', '1211', '1212', '1214', '1216')THEN 'Korea'

WHEN G.SALES\_OFFICE\_CDE in

('1236', '9100', '9439', '1230', '1231', '9430', '9502', '1234', '9448', '0031', '0032', '0033'

,'0034', '0098', '1232', '1233', '9436', '9438', '9449', '9503', '0045', '9450', '9508', '1237'

, '1238', '9435') THEN 'SOUTH AP'

WHEN (G.SALES\_OFFICE\_CDE IN

('1235', '9103', '9204', '9504', '9509', '0053', '0060', '0061', '0063', '0064', '0069', '0070'

,'0071', '0072', '0073', '0074', '0075', '0076', '0077', '0078', '0079', '0080', '0081', '0082'

,'0083', '0084', '0086', '0087', '1150', '1151', '1152', '1153', '1154', '1155', '1156', '1157'

,'1158', '1159', '1161', '1162', '1163', '1164', '1165', '1166', '1167', '1168', '1169', '1171'

,'0050', '0051', '0052', '0054', '0055', '9511')

AND A.SAP\_PROFIT\_CENTER\_CDE = '0000000259'

AND C.PROFIT\_CENTER\_ABBR\_DESC = 'CSD')

OR G.SALES\_OFFICE\_CDE in ('0040', '0041', '0042', '0043', '0097', '1031', '1032', '1033')THEN 'Taiwan'

WHEN (G.SALES\_OFFICE\_CDE in

('1235', '9103', '9204', '9504', '9509', '0053', '0060', '0061', '0063', '0064', '0069', '0070'

,'0071', '0072', '0073', '0074', '0075', '0076', '0077', '0078', '0079', '0080', '0081', '0082'

,'0083', '0084', '0086', '0087', '1150', '1151', '1152', '1153', '1154', '1155', '1156', '1157'

,'1158', '1159', '1161', '1162', '1163', '1164', '1165', '1166', '1167', '1168', '1169', '1171'

,'0050', '0051', '0052', '0054', '0055', '9511')

AND A.SAP\_PROFIT\_CENTER\_CDE <> '0000000259'

AND C.PROFIT\_CENTER\_ABBR\_DESC = 'CSD')THEN 'China/HK'

WHEN R.DD1\_SALES\_OFFICE\_CDE = 'S003' THEN 'EMEA'

WHEN R.DD1\_SALES\_OFFICE\_CDE = 'S001' THEN 'AMER'

WHEN R.DD2\_SALES\_OFFICE\_CDE = 'S025' THEN 'Japan'

WHEN R.DD2\_SALES\_OFFICE\_CDE = 'S026' THEN 'Korea'

WHEN R.DD2\_SALES\_OFFICE\_CDE in ('S018', 'S006') THEN 'SOUTH AP'

WHEN R.DD3\_SALES\_OFFICE\_CDE in ('S028', 'S030') THEN 'China/HK'

WHEN R.DD3\_SALES\_OFFICE\_CDE = 'S029' then 'Taiwan'

ELSE 'Others' END) REGION

,(CASE WHEN(CASE WHEN(TO\_CHAR(TRUNC(A.TYCO\_YEAR\_ID)) IS NULL)THEN NULL

ELSE (TO\_CHAR(TRUNC(A.TYCO\_YEAR\_ID))||'-') END IS NULL)

OR (CAST(A.TYCO\_MONTH\_OF\_YEAR\_ID AS VARCHAR( 40 ) ) IS NULL) THEN NULL ELSE

(CASE WHEN(TO\_CHAR(TRUNC(A.TYCO\_YEAR\_ID)) IS NULL) THEN NULL

ELSE (TO\_CHAR(TRUNC(A.TYCO\_YEAR\_ID))||'-') END||

CAST(A.TYCO\_MONTH\_OF\_YEAR\_ID AS VARCHAR( 40 ) )) END) ORDER\_DATE

, A.SELLING\_ORGANIZATION\_ID ORG\_ID

, M.ORGANIZATION\_SHORT\_NM ORG\_NM

, C.PROFIT\_CENTER\_ABBR\_DESC

, D.SAP\_PROFIT\_CENTER\_SHORT\_DESC

, E.LAYER1\_CMPE\_BSNS\_SHORT\_NM CBC

,(CASE

WHEN E.PRODUCT\_LINE\_CDE='E39' THEN 'Service'

WHEN E.LAYER1\_CMPE\_BSNS\_SHORT\_NM <>'Consumer Devices' then 'Other-BU'

ELSE E.LAYER2\_COMPETENCY\_BSNS\_DESC END)GPL\_FAMILY

, A.PRODUCT\_CDE

, E.PRODUCT\_NM

, E.PRODUCT\_LINE\_CDE GPL

, E.PRODUCT\_LINE\_SHORT\_NM GPL\_NM

, F.TYCO\_ELECTRONICS\_CORP\_PART\_NBR

, F.PART\_DESC

, G.LEVEL\_1\_IBC\_CDE IBC

, G.LEVEL\_1\_IBC\_NM IBC\_NM

, G.LEVEL\_1\_INDUSTRY\_CDE Industry\_cde

, G.LEVEL\_1\_INDUSTRY\_NM Industry\_nm

, H.DD1\_WW\_CUST\_ACCT\_NBR

, H.DD1\_WW\_CUST\_ACCT\_NM

, G.KEY\_CUSTOMER\_CDE

, G.KEY\_CUSTOMER\_DESC

, A.HIERARCHY\_CUSTOMER\_BASE\_ID

, G.HIERARCHY\_CUSTOMER\_NM

, A.SHIP\_TO\_ACCT\_BASE\_ID

, I.ST\_CUSTOMER\_NM

, I.ST\_ISO\_CTRY\_CDE

, A.SBMT\_SLS\_STAT\_CATEGORY\_CDE

, T.SBMT\_SALES\_STATS\_CTGRY\_NM

, S.SALES\_STATS\_CTGRY\_NM

, A.SALES\_STAT\_CATEGORY\_CDE

, J.LEVEL\_5\_TERRITORY\_PERSON\_NM Sales\_manager

, J.LEVEL\_7\_TERRITORY\_PERSON\_NM DSE

, N.X\_DISTRIBUTION\_CHAIN\_STTS\_CDE

, K.SALES\_GROUP\_NM CSR

, A.PLANT\_ID Plant\_Id

, L.PLANT\_NM Plant\_Name

, SUM (A.O\_ORDER\_QTY)ORDER\_QTY,

(CASE

WHEN SUM (A.O\_ORDER\_QTY) <> 0

AND SUM (A.O\_CNST\_ORDER\_LOC\_CRNC\_AMT) <> 0

THEN

ROUND (SUM (A.O\_CNST\_ORDER\_LOC\_CRNC\_AMT)/NULLIF (SUM (A.O\_ORDER\_QTY),0),2)

ELSE 0 END)ASP,

SUM(A.O\_CNST\_ORDER\_LOC\_CRNC\_AMT)ORDER\_AMOUNT

FROM ((((((((((((((((DM4.DM4123\_SALES\_SMRS\_V A

INNER JOIN

DM4.DM4123\_ORGANIZATIONS\_DMN\_V B

ON B.ORGANIZATION\_ID=A.MANUFACTURING\_ORGANIZATION\_ID)

INNER JOIN

DM4.DM4123\_PROFIT\_CENTERS\_DMN\_V C

ON A.PROFIT\_CENTER\_ABBR\_NM=C.PROFIT\_CENTER\_ID )

INNER JOIN

DM4.DM4123\_SAP\_PROFIT\_CENTER\_DMN\_V D

ON A.SAP\_PROFIT\_CENTER\_CDE=D.SAP\_PROFIT\_CENTER\_CDE)

INNER JOIN

DM4.DM4123\_PRODUCTS\_DMN\_V E

ON A.PRODUCT\_CDE=E.PRODUCT\_CDE)

INNER JOIN

DM4.DM4123\_TCPN\_DMN\_V F

ON A.PART\_KEY\_ID=F.PART\_KEY\_ID)

INNER JOIN

DM4.DM4123\_CUSTOMER\_HIER\_DMN\_V G

ON G.HIERARCHY\_CUSTOMER\_ORG\_ID=A.HIERARCHY\_CUSTOMER\_ORG\_ID

AND G.HIERARCHY\_CUSTOMER\_BASE\_ID=A.HIERARCHY\_CUSTOMER\_BASE\_ID

AND G.HIERARCHY\_CUSTOMER\_SUFX\_ID=A.HIERARCHY\_CUSTOMER\_SUFX\_ID

AND G.HIERARCHY\_CUSTOMER\_IND=A.HIERARCHY\_CUSTOMER\_IND

AND G.SHIP\_TO\_ACCT\_ORGANIZATION\_ID= A.SHIP\_TO\_ACCT\_ORGANIZATION\_ID

AND G.SHIP\_TO\_ACCT\_BASE\_ID=A.SHIP\_TO\_ACCT\_BASE\_ID

AND G.SHIP\_TO\_ACCT\_SUFX\_ID=A.SHIP\_TO\_ACCT\_SUFX\_ID)

INNER JOIN

DM4.DM4123\_CUST\_WORLDWIDE\_DMN\_V H

ON G.WW\_CUST\_ACCT\_NBR=H.WW\_CUST\_ACCT\_NBR)

INNER JOIN

DM4.DM4123\_CUSTOMER\_SHIP\_TO\_DMN\_V I

ON A.SHIP\_TO\_ACCT\_ORGANIZATION\_ID=I.ST\_ACCT\_ORG\_ID

AND A.SHIP\_TO\_ACCT\_BASE\_ID=I.ST\_ACCT\_NBR\_BASE

AND A.SHIP\_TO\_ACCT\_SUFX\_ID=I.ST\_ACCT\_NBR\_SUFX)

INNER JOIN

DM4.DM4123\_SALES\_TERRITORIES\_DMN\_V J

ON J.TERRITORY\_CDE=A.SALES\_TERRITORY\_CDE

AND J.TERRITORY\_ORG\_ID=A.TERRITORY\_ORG\_ID)

INNER JOIN

DM4.DM4123\_SALES\_GROUP\_DMN\_V K

ON A.SBMT\_SALES\_GROUP\_CDE=K.SALES\_GROUP\_CDE)

INNER JOIN

DM4.DM4123\_PLANT\_ID\_DMN\_V L

ON A.PLANT\_ID=L.PLANT\_ID)

INNER JOIN

DM4.DM4123\_ORGANIZATIONS\_DMN\_V M

ON M.ORGANIZATION\_ID=A.SELLING\_ORGANIZATION\_ID)

LEFT OUTER JOIN

DM4.DM4123\_MATERIAL\_SLS\_ORGS\_DMN\_V N

ON A.SAP\_SALES\_ORGANIZATION\_ID = N.SALES\_ORGANIZATION\_ID

AND A.DISTRIBUTION\_CHANNEL\_CDE = N.DISTRIBUTION\_CHANNEL\_CDE

AND A.MATERIAL\_ID = N.MATERIAL\_ID)

INNER JOIN

DM4.DM4123\_FISCAL\_DATE\_DMN\_V O

ON A.CUSTOMER\_REQUEST\_DT = O.CALENDAR\_DT)

INNER JOIN

GBL\_CURRENT.GBL\_SALES\_OFFICES\_DDL R

ON R.SALES\_OFFICE\_CDE = G.SALES\_OFFICE\_CDE)

INNER JOIN

DM4.DM4123\_SALES\_STATS\_CTGRY\_DMN\_V S

ON A.SALES\_STAT\_CATEGORY\_CDE=S.SALES\_STATS\_CTGRY\_CDE)

INNER JOIN

DM4.DM4123\_SBMT\_SLSSTAT\_CTGR\_DMN\_V T

ON A.SBMT\_SLS\_STAT\_CATEGORY\_CDE=T.SBMT\_SALES\_STATS\_CTGRY\_CDE

WHERE A.ORDER\_IND = '1'

AND A.TYCO\_YEAR\_ID <> 1011

AND A.TRADE\_INTERCO\_IND = 'T'

AND (A.PROFIT\_CENTER\_ABBR\_NM = 'CSD'

OR E.LAYER1\_COMPETENCY\_BSNS\_CDE = '30002')

GROUP BY

B.LAYER2\_ORGANIZATION\_ID

, B.LAYER2\_ORGANIZATION\_SHORT\_NM

, B.LAYER3\_ORGANIZATION\_ID

, B.LAYER3\_ORGANIZATION\_SHORT\_NM

, A.MANUFACTURING\_ORGANIZATION\_ID

, B.ORGANIZATION\_SHORT\_NM

, C.PROFIT\_CENTER\_ABBR\_DESC

, D.SAP\_PROFIT\_CENTER\_SHORT\_DESC

, N.X\_DISTRIBUTION\_CHAIN\_STTS\_CDE

, R.DD1\_SALES\_OFFICE\_CDE

, E.LAYER1\_CMPE\_BSNS\_SHORT\_NM

, E.LAYER2\_CMPE\_BSNS\_SHORT\_NM

, E.LAYER3\_CMPE\_BSNS\_SHORT\_NM

, A.PRODUCT\_CDE

, E.PRODUCT\_NM

, A.SBMT\_SLS\_STAT\_CATEGORY\_CDE

, T.SBMT\_SALES\_STATS\_CTGRY\_NM

, S.SALES\_STATS\_CTGRY\_NM

, A.SALES\_STAT\_CATEGORY\_CDE

, E.PRODUCT\_LINE\_CDE

, G.SALES\_OFFICE\_CDE

, E.PRODUCT\_LINE\_SHORT\_NM

, F.TYCO\_ELECTRONICS\_CORP\_PART\_NBR

, F.PART\_DESC

, G.LEVEL\_1\_IBC\_CDE

, G.LEVEL\_1\_IBC\_NM

, G.LEVEL\_1\_INDUSTRY\_CDE

, G.LEVEL\_1\_INDUSTRY\_NM

, G.KEY\_CUSTOMER\_CDE

, G.KEY\_CUSTOMER\_DESC

, E.LAYER2\_COMPETENCY\_BSNS\_DESC

, H.DD1\_WW\_CUST\_ACCT\_NBR

, H.DD1\_WW\_CUST\_ACCT\_NM

, G.HIERARCHY\_CUSTOMER\_BASE\_ID

, G.HIERARCHY\_CUSTOMER\_NM

, A.SHIP\_TO\_ACCT\_BASE\_ID

, I.ST\_CUSTOMER\_NM

, I.ST\_ISO\_CTRY\_CDE

, J.LEVEL\_5\_TERRITORY\_PERSON\_NM

, J.LEVEL\_7\_TERRITORY\_PERSON\_NM

, A.HIERARCHY\_CUSTOMER\_BASE\_ID

, K.SALES\_GROUP\_NM

, A.PLANT\_ID

, L.PLANT\_NM

, R.DD2\_SALES\_OFFICE\_CDE

, R.DD3\_SALES\_OFFICE\_CDE

, A.SAP\_PROFIT\_CENTER\_CDE

, M.LAYER2\_ORGANIZATION\_ID

, M.LAYER2\_ORGANIZATION\_SHORT\_NM

, M.LAYER3\_ORGANIZATION\_ID

, M.LAYER2\_ORGANIZATION\_SHORT\_NM

, M.LAYER2\_ORGANIZATION\_SHORT\_NM

,(CASE WHEN(CASE WHEN(to\_char(trunc(A.TYCO\_YEAR\_ID)) IS NULL)THEN NULL

ELSE (TO\_CHAR(TRUNC(A.TYCO\_YEAR\_ID))||'-') END IS NULL)

OR (CAST( A.TYCO\_MONTH\_OF\_YEAR\_ID AS VARCHAR( 40 ) ) IS NULL) THEN NULL ELSE

(CASE WHEN(TO\_CHAR(TRUNC(A.TYCO\_YEAR\_ID)) IS NULL) THEN NULL

ELSE (TO\_CHAR(TRUNC(A.TYCO\_YEAR\_ID))||'-') END||

CAST( A.TYCO\_MONTH\_OF\_YEAR\_ID AS VARCHAR( 40 ) )) END)

, (CASE

WHEN G.SALES\_OFFICE\_CDE in

('9702', '9700', '0036', '0110', '9703', '9501', '0001', '0003', '0026'

, '0046', '0105', '0112', '0115', '0118', '0119', '9305')

THEN 'AMER'

WHEN G.SALES\_OFFICE\_CDE in

('1400', '0007', '1011', '1013', '1027', '1043', '1044', '1045', '1047'

, '1048', '1049', '1050', '1055', '1060', '1070', '1080', '1090', '1092'

, '1105', '1125', '1140', '1141', '1180', '1185', '1190', '1192', '2000'

, '1172', '1302', '1303', '1305', '9603', '1028', '1416', '1029')

THEN 'EMEA'

WHEN G.SALES\_OFFICE\_CDE in

('0020', '0021', '0022', '0023', '0024', '0096', '1001', '1002', '1003'

, '1004', '1005', '1006', '1007')

THEN 'Japan'

WHEN G.SALES\_OFFICE\_CDE in

('0044', '1160', '1200', '1201', '1202', '1203', '1204', '1205', '1211', '1212', '1214', '1216')

THEN 'Korea'

WHEN G.SALES\_OFFICE\_CDE in

('1236', '9100', '9439', '1230', '1231', '9430', '9502', '1234', '9448', '0031', '0032', '0033'

, '0034', '0098', '1232', '1233', '9436', '9438', '9449', '9503', '0045', '9450', '9508', '1237'

, '1238', '9435')

THEN 'SOUTH AP'

WHEN (G.SALES\_OFFICE\_CDE in

('1235', '9103', '9204', '9504', '9509', '0053', '0060', '0061', '0063', '0064', '0069', '0070'

, '0071', '0072', '0073', '0074', '0075', '0076', '0077', '0078', '0079', '0080', '0081', '0082'

, '0083', '0084', '0086', '0087', '1150', '1151', '1152', '1153', '1154', '1155', '1156', '1157'

, '1158', '1159', '1161', '1162', '1163', '1164', '1165', '1166', '1167', '1168', '1169', '1171'

, '0050', '0051', '0052', '0054', '0055', '9511')

AND A.SAP\_PROFIT\_CENTER\_CDE = '0000000259'

AND C.PROFIT\_CENTER\_ABBR\_DESC = 'CSD')

OR G.SALES\_OFFICE\_CDE in ('0040', '0041', '0042', '0043', '0097', '1031', '1032', '1033')

THEN 'Taiwan'

WHEN (G.SALES\_OFFICE\_CDE in

('1235', '9103', '9204', '9504', '9509', '0053', '0060', '0061', '0063', '0064', '0069', '0070'

, '0071', '0072', '0073', '0074', '0075', '0076', '0077', '0078', '0079', '0080', '0081', '0082'

, '0083', '0084', '0086', '0087', '1150', '1151', '1152', '1153', '1154', '1155', '1156', '1157'

, '1158', '1159', '1161', '1162', '1163', '1164', '1165', '1166', '1167', '1168', '1169', '1171'

, '0050', '0051', '0052', '0054', '0055', '9511')

AND A.SAP\_PROFIT\_CENTER\_CDE <> '0000000259'

AND C.PROFIT\_CENTER\_ABBR\_DESC = 'CSD')

THEN 'China/HK'

WHEN R.DD1\_SALES\_OFFICE\_CDE = 'S003' THEN 'EMEA'

WHEN R.DD1\_SALES\_OFFICE\_CDE = 'S001' THEN 'AMER'

WHEN R.DD2\_SALES\_OFFICE\_CDE = 'S025' THEN 'Japan'

WHEN R.DD2\_SALES\_OFFICE\_CDE = 'S026' THEN 'Korea'

WHEN R.DD2\_SALES\_OFFICE\_CDE in ('S018', 'S006') THEN 'SOUTH AP'

WHEN R.DD3\_SALES\_OFFICE\_CDE in ('S028', 'S030') THEN 'China/HK'

WHEN R.DD3\_SALES\_OFFICE\_CDE = 'S029' then 'Taiwan'

ELSE 'Others' END)

, A.SELLING\_ORGANIZATION\_ID

, M.ORGANIZATION\_SHORT\_NM

, N.X\_DISTRIBUTION\_CHAIN\_STTS\_CDE)A;

COMMIT;

END;

* + - 1. **Daily Refresh of all Transaction Data in SWA\_SOURCE**

The stored procedure listed below execute the daily refresh of all transaction data in SWA\_SOURCE Account. This stored procedure will be refreshed utilizing the SWA Scheduler SOLAR#SWAU0100 (Referenced in section 3.1.5. Daily Refresh Scheduler)

CREATE OR REPLACE PROCEDURE USP\_UPDSOPCD\_DAILY AS

BEGIN

usp\_updbacklog;

usp\_updbillings\_daily;

usp\_updbookings\_daily;

usp\_updscheduledagreements;

COMMIT;

EXCEPTION

WHEN OTHERS THEN

RAISE\_APPLICATION\_ERROR(-20100, 'USP\_UPDSOPCD\_DAILY: ->>'||SQLERRM);

END;

This stored procedure is to run the two stored procedures that update the Billings\_CSD\_HIST and Bookings\_CSD\_HIST tables:

***NOTE: This procedure will not be scheduled, and can be executed “On-Demand”.***

CREATE OR REPLACE PROCEDURE USP\_UPDSOPCD\_HIST AS

BEGIN

usp\_updbillings\_hist;

usp\_updbookings\_hist;

COMMIT;

EXCEPTION

WHEN OTHERS THEN

RAISE\_APPLICATION\_ERROR(-20100, 'USP\_UPDSOPCD\_HIST: ->>'||SQLERRM);

END;

* + - 1. (Bookings Hist) (SQL Server) On-Demand Stored Procedure Execution

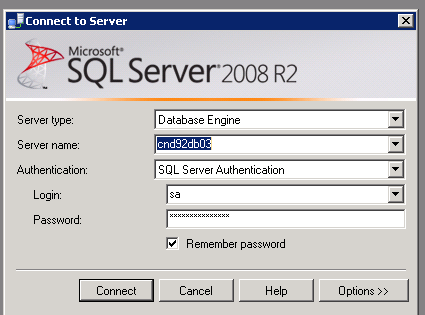
The initial execution of the USP\_BOOKINGS\_HIST Stored will be required in order to extract the required 12 Months of Billings History, and import data to the SOP Web application data base table BOOKINGS\_CSD\_HIST. A stored procedure will delete current month of Billings data, and append new records into the BOOKINGS\_CSD\_HIST table.

The application will read and summarize all Billings data in the SQL Server Billing History table.

# Procedure BookingsHstUpdate

The SOP Web RDBMS resides on server CND92DB03 in database SOPCD.

SQL Server Management Studio will be used to access SQL Database using the following credentials.



* Username- sa
* Password – Admin123

The following stored procedure will delete the current month of data from the Bookings History table, and insert the current month of data from the Bookings Daily table. This job stored procedure is scheduled to execute at 00:00:00 daily (China Time)

USE [SOPCD]

GO

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE PROCEDURE [dbo].[BookingHstUpdate]

AS

BEGIN

delete from SOPCD.dbo.BOOKINGS\_CSD\_HIST where SOPCD.dbo.BOOKINGS\_CSD\_HIST.MNTH\_YR IN (SELECT DISTINCT MNTH\_YR from SOPCD.dbo.BOOKINGS\_CSD\_DAILY);

insert into SOPCD.dbo.BOOKINGS\_CSD\_HIST select [REGION]

,[ORG\_ID]

,[ORG\_NM]

,[MNTH\_YR]

,[PROFIT\_CENTER\_ABBR\_DESC]

,[SAP\_PROFIT\_CENTER\_SHORT\_DESC]

,[CBC]

,[GPL\_FAMILY]

,[GPL\_CODE]

,[GPL\_DESCRIPTION]

,[PROD\_CODE]

,[PRODUCT\_DESCRIPTION]

,[PART\_NUMBER]

,[PART\_DESCRIPTION]

,[X\_DISTRIBUTION\_CHAIN\_STTS\_CDE]

,[SALES\_STATS\_CATEGORY\_CODE]

,[SALES\_STATS\_CATEGORY\_NAME]

,[SBMT\_SLS\_STAT\_CATEGORY\_CDE]

,[SBMT\_SALES\_STATS\_CATEGORY\_NAME]

,[IBC]

,[IBC\_NM]

,[DD1\_INDUSTRY\_CDE]

,[INDUSTRT\_CDE\_NM]

,[DD1\_WW\_CUST\_ACCT\_NBR]

,[DD1\_WW\_CUST\_ACCT\_NM]

,[KEY\_CUSTOMER\_CDE]

,[KEY\_CUSTOMER\_DESC]

,[SOLD\_TO\_ID]

,[SOLD\_TO\_NM]

,[SHIP\_TO\_ACCT\_BASE\_ID]

,[ST\_CUSTOMER\_NM]

,[ST\_ISO\_CTRY\_CDE]

,[SALES\_MANAGER]

,[DSE]

,[CSR]

,[PLANT\_ID]

,[PLANT\_NAME]

,[ORDER\_QTY]

,[ASP]

,[ORDER\_AMOUNT]

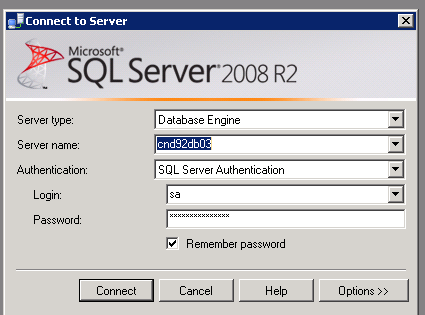
FROM [SOPCD].[dbo].[BOOKINGS\_CSD\_DAILY];

END

# Procedure BillinngHstUpdate

The SOP Web RDBMS resides on server CND92DB03 in database SOPCD.

* SQL Server Management Studio will be used to access SQL Database using the following credentials.



Username- sa

Password – Admin123

* The following stored procedure will delete the current month of data from the Billings History table, and insert the current month of data from the Billings Daily table. This job stored procedure is scheduled to execute at 00:00:00 daily (China Time)

USE [SOPCD]

GO

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE PROCEDURE [dbo].[BillingHstUpdate]

AS

BEGIN

DELETE FROM SOPCD.dbo.billings\_csd\_hist where SOPCD.dbo.billings\_csd\_hist.mnth\_yr IN (select DISTINCT mnth\_yr from SOPCD.dbo.billings\_csd\_daily);

INSERT INTO SOPCD.dbo.billings\_csd\_hist select [REGION]

,[ORG\_ID]

,[ORG\_NM]

,[MNTH\_YR]

,[PROFIT\_CENTER\_ABBR\_DESC]

,[SAP\_PROFIT\_CENTER\_SHORT\_DESC]

,[CBC]

,[GPL\_FAMILY]

,[GPL\_CODE]

,[GPL\_DESCRIPTION]

,[PROD\_CODE]

,[PRODUCT\_DESCRIPTION]

,[PART\_NUMBER]

,[PART\_DESCRIPTION]

,[X\_DISTRIBUTION\_CHAIN\_STTS\_CDE]

,[SALES\_STATS\_CATEGORY\_CODE]

,[SALES\_STATS\_CATEGORY\_NAME]

,[SBMT\_SLS\_STAT\_CATEGORY\_CDE]

,[SBMT\_SALES\_STATS\_CATEGORY\_NAME]

,[IBC]

,[IBC\_NM]

,[DD1\_INDUSTRY\_CDE]

,[INDUSTRT\_CDE\_NM]

,[DD1\_WW\_CUST\_ACCT\_NBR]

,[DD1\_WW\_CUST\_ACCT\_NM]

,[KEY\_CUSTOMER\_CDE]

,[KEY\_CUSTOMER\_DESC]

,[SOLD\_TO\_ID]

,[SOLD\_TO\_NM]

,[SHIP\_TO\_ACCT\_BASE\_ID]

,[ST\_CUSTOMER\_NM]

,[ST\_ISO\_CTRY\_CDE]

,[SALES\_MANAGER]

,[DSE]

,[CSR]

,[PLANT\_ID]

,[PLANT\_NAME]

,[SHIPPED\_QTY]

,[ASP]

,[SHIPPED\_AMOUNT]

FROM [SOPCD].[dbo].[BILLINGS\_CSD\_DAILY];

END

* 1. Daily Data Refresh in SQL Server CND92DB03/ Database SOPCD

Several stored procedures have been developed to query existing database tables for new data , and validate if data and relative elements exist in the following Master Data tables.

* + 1. SAP\_PARTMASTER – This table contains elements that enables validation of master data to a series of Forecast tables.

All Backlog, Bookings, Billings, and Scheduled Agreements are joined a primary key elements in order to associate this data will all Forecasting tables.

All Forecast data must reference and display all relative Backlog,Billings,Bookings and Scheduled Agreements in all reporting. This combined data assist users in several analytical scenarios.

The following stored procedure queries all Backlog,Billings,Bookings, and Scheduled Agreements and validates if those Part Numbers and Product Hiearchial structures exist in the SAP\_PARTMASTER table.

The stored procedure executes a Insert Into statement and inserts those elements into the SAP\_PARTMASTER table. In addition to the tranaction data, the stored procedure querys all Forecasting tables, and inserts those elements into the table.

* + 1. SAP\_CUSTOMERREGION – This table contains all Customer Related data (Sold To ID/Name, Region, IBC, Industry Codes etc..).

The querying process is identical to that of the SAP\_PARTMASTER, but searches for Customer Hierachial Data in all Transaction and Forecast tables, and inserts those elements into this table.

This stored procedure is executed during the refresh process from Oracle to SQL Server 2008. Listed below is the stored procedure that performs all specified tasks.

USE [SOPCD]

GO

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE PROCEDURE [dbo].[UPD\_PartMaster\_CustRegion]

AS

BEGIN

insert into SAP\_PARTMASTER

select distinct a.REGION

,a.part\_number

,a.PART\_DESCRIPTION

,a.PROFIT\_CENTER\_ABBR\_DESC

,a.SAP\_PROFIT\_CENTER\_SHORT\_DESC

,a.X\_DISTRIBUTION\_CHAIN\_STTS\_CDE

,null as ABCD\_CODE

,a.CBC

,a.GPL\_FAMILY

,a.GPL\_CODE

,a.GPL\_DESCRIPTION

,a.PROD\_CODE

,a.PRODUCT\_DESCRIPTION

from BILLINGS\_CSD\_DAILY a left join SAP\_PARTMASTER b on a.PART\_NUMBER = b.PartNumber and a.PROFIT\_CENTER\_ABBR\_DESC = b.PROFIT\_CENTER\_ABBR\_DESC and a.REGION = b.REGION where a.PROFIT\_CENTER\_ABBR\_DESC ='CSD'and b.PartNumber is null;

insert into SAP\_PARTMASTER

select distinct a.REGION

,a.part\_number

,a.PART\_DESCRIPTION

,a.PROFIT\_CENTER\_ABBR\_DESC

,a.SAP\_PROFIT\_CENTER\_SHORT\_DESC

,a.X\_DISTRIBUTION\_CHAIN\_STTS\_CDE

,null as ABCD\_CODE

,a.CBC

,a.GPL\_FAMILY

,a.GPL\_CODE

,a.GPL\_DESCRIPTION

,a.PROD\_CODE

,a.PRODUCT\_DESCRIPTION

from BACKLOG\_CSD a left join SAP\_PARTMASTER b on a.PART\_NUMBER = b.PartNumber and a.PROFIT\_CENTER\_ABBR\_DESC = b.PROFIT\_CENTER\_ABBR\_DESC and a.REGION = b.REGION where a.PROFIT\_CENTER\_ABBR\_DESC ='CSD'and b.PartNumber is null;

insert into SAP\_PARTMASTER

select distinct a.REGION

,a.part\_number

,a.PART\_DESCRIPTION

,a.PROFIT\_CENTER\_ABBR\_DESC

,a.SAP\_PROFIT\_CENTER\_SHORT\_DESC

,a.X\_DISTRIBUTION\_CHAIN\_STTS\_CDE

,null as ABCD\_CODE

,a.CBC

,a.GPL\_FAMILY

,a.GPL

,a.GPL\_NM

,a.PRODUCT\_CODE

,a.PRODUCT\_NAME

from SAP\_SCHEDULED\_AGREEMENTS a left join SAP\_PARTMASTER b on a.PART\_NUMBER = b.PartNumber and a.PROFIT\_CENTER\_ABBR\_DESC = b.PROFIT\_CENTER\_ABBR\_DESC and a.REGION = b.REGION where a.PROFIT\_CENTER\_ABBR\_DESC ='CSD'and b.PartNumber is null;

insert into SAP\_PARTMASTER

select distinct a.REGION

,a.part\_number

,a.PART\_DESCRIPTION

,a.PROFIT\_CENTER\_ABBR\_DESC

,a.SAP\_PROFIT\_CENTER\_SHORT\_DESC

,a.X\_DISTRIBUTION\_CHAIN\_STTS\_CDE

,null as ABCD\_CODE

,a.CBC

,a.GPL\_FAMILY

,a.GPL\_CODE

,a.GPL\_DESCRIPTION

,a.PROD\_CODE

,a.PRODUCT\_DESCRIPTION

from BOOKINGS\_CSD\_DAILY a left join SAP\_PARTMASTER b on a.PART\_NUMBER = b.PartNumber and a.PROFIT\_CENTER\_ABBR\_DESC = b.PROFIT\_CENTER\_ABBR\_DESC and a.REGION = b.REGION where a.PROFIT\_CENTER\_ABBR\_DESC ='CSD'and b.PartNumber is null;

insert into SAP\_CUSTOMERREGION

select distinct a.REGION

,a.SOLD\_TO\_ID

,a.SOLD\_TO\_NM

,a.DD1\_WW\_CUST\_ACCT\_NBR

,a.DD1\_WW\_CUST\_ACCT\_NM

,a.IBC

,a.IBC\_NM

,a.DD1\_INDUSTRY\_CDE

,a.INDUSTRT\_CDE\_NM

,a.SALES\_MANAGER

,a.DSE

,a.ORG\_ID

,a.ORG\_NM

from BILLINGS\_CSD\_DAILY a left join SAP\_CUSTOMERREGION b ON a.SOLD\_TO\_ID = b.SOLD\_TO\_ID and a.ORG\_ID = b.ORG\_ID and a.REGION = b.REGION where a.PROFIT\_CENTER\_ABBR\_DESC = 'CSD' and b.SOLD\_TO\_ID is null;

insert into SAP\_CUSTOMERREGION

select distinct a.REGION

,a.SOLD\_TO\_ID

,a.SOLD\_TO\_NM

,a.DD1\_WW\_CUST\_ACCT\_NBR

,a.DD1\_WW\_CUST\_ACCT\_NM

,a.IBC

,a.IBC\_NM

,a.DD1\_INDUSTRY\_CDE

,a.INDUSTRT\_CDE\_NM

,a.SALES\_MANAGER

,a.DSE

,a.ORG\_ID

,a.ORG\_NM

from BOOKINGS\_CSD\_DAILY a left join SAP\_CUSTOMERREGION b ON a.SOLD\_TO\_ID = b.SOLD\_TO\_ID and a.ORG\_ID = b.ORG\_ID and a.REGION = b.REGION where a.PROFIT\_CENTER\_ABBR\_DESC = 'CSD' and b.SOLD\_TO\_ID is null;

insert into SAP\_CUSTOMERREGION

select distinct a.REGION

,a.SOLD\_TO\_ID

,a.SOLD\_TO\_NM

,a.DD1\_WW\_CUST\_ACCT\_NBR

,a.DD1\_WW\_CUST\_ACCT\_NM

,a.IBC

,a.IBC\_NM

,a.DD1\_INDUSTRY\_CDE

,a.INDUSTRT\_CDE\_NM

,a.SALES\_MANAGER

,a.DSE

,a.ORG\_ID

,a.ORG\_NM

from BACKLOG\_CSD a left join SAP\_CUSTOMERREGION b ON a.SOLD\_TO\_ID = b.SOLD\_TO\_ID and a.ORG\_ID = b.ORG\_ID and a.REGION = b.REGION where a.PROFIT\_CENTER\_ABBR\_DESC = 'CSD' and b.SOLD\_TO\_ID is null;

insert into SAP\_CUSTOMERREGION

select distinct a.REGION

,a.HIERARCHY\_CUSTOMER\_BASE\_ID

,a.HIERARCHY\_CUSTOMER\_NM

,a.DD1\_WW\_CUST\_ACCT\_NBR

,a.DD1\_WW\_CUST\_ACCT\_NM

,a.IBC

,a.IBC\_NM

,a.INDUSTRY\_CDE

,a.INDUSTRY\_NM

,a.SALES\_MANAGER

,a.DSE

,a.ORG\_ID

,a.ORG\_NM

from SAP\_SCHEDULED\_AGREEMENTS a left join SAP\_CUSTOMERREGION b ON a.HIERARCHY\_CUSTOMER\_BASE\_ID = b.SOLD\_TO\_ID and a.ORG\_ID = b.ORG\_ID and a.REGION = b.REGION where a.PROFIT\_CENTER\_ABBR\_DESC = 'CSD' and b.SOLD\_TO\_ID is null;

insert into SOPCD.dbo.SAP\_CustomerRegion

select distinct a.Region

,a.Sold\_To\_ID

,a.Sold\_To\_Name

,a.DD1\_WW\_CUST\_ACCT\_NBR

,a.DD1\_WW\_CUST\_ACCT\_NM

,a.IBC

,(select top 1 d.IBC\_NM from SOPCD.dbo.BOOKINGS\_CSD\_HIST d where d.IBC = a.IBC) as IBC\_NM

,a.DD1\_Industry\_Code

,a.DD1\_Industry\_Name

,a.SALES\_MANAGER

,a.DSE

,a.ORG\_ID

,a.ORG\_NM

from CDForecast.dbo.tblEndCustomerForecast a left join SOPCD.dbo.SAP\_CustomerRegion b on a.Sold\_To\_ID = b.Sold\_To\_ID and a.Region = b.Region and a.ORG\_ID = b.ORG\_ID inner join [CDForecast].[dbo].[tblForecastMaster] c on a.FCID = c.FCID where a.PROFIT\_CENTER\_ABBR\_DESC = 'CSD' and b.Sold\_To\_ID is null and c.Status = 'Y'and c.CanEdit = 'Y' and c.isActive = 'Y'and a.ORG\_ID is not null and a.Sold\_To\_ID is not null;

insert into SOPCD.dbo.SAP\_CustomerRegion

select distinct a.Region

,a.Sold\_To\_ID

,a.Sold\_To\_Name

,a.DD1\_WW\_CUST\_ACCT\_NBR

,a.DD1\_WW\_CUST\_ACCT\_NM

,a.IBC

,(select top 1 d.IBC\_NM from SOPCD.dbo.BOOKINGS\_CSD\_HIST d where d.IBC = a.IBC) as IBC\_NM

,a.DD1\_Industry\_Code

,a.DD1\_Industry\_Name

,a.SALES\_MANAGER

,a.DSE

,a.ORG\_ID

,a.ORG\_NM

from CDForecast.dbo.tblSalesForecast a left join SOPCD.dbo.SAP\_CustomerRegion b on a.Sold\_To\_ID = b.Sold\_To\_ID and a.Region = b.Region and a.ORG\_ID = b.ORG\_ID inner join [CDForecast].[dbo].[tblForecastMaster] c on a.FCID = c.FCID where a.PROFIT\_CENTER\_ABBR\_DESC = 'CSD' and b.Sold\_To\_ID is null and c.Status = 'Y'and c.CanEdit = 'Y' and c.isActive = 'Y' and a.ORG\_ID is not null and a.Sold\_To\_ID is not null;

insert into SOPCD.dbo.SAP\_CustomerRegion

select distinct a.Region

,a.Sold\_To\_ID

,a.Sold\_To\_Name

,a.DD1\_WW\_CUST\_ACCT\_NBR

,a.DD1\_WW\_CUST\_ACCT\_NM

,a.IBC

,(select top 1 d.IBC\_NM from SOPCD.dbo.BOOKINGS\_CSD\_HIST d where d.IBC = a.IBC) as IBC\_NM

,a.DD1\_Industry\_Code

,a.DD1\_Industry\_Name

,a.SALES\_MANAGER

,a.DSE

,a.ORG\_ID

,a.ORG\_NM

from CDForecast.dbo.tblDemandConsensusForecast a left join SOPCD.dbo.SAP\_CustomerRegion b on a.Sold\_To\_ID = b.Sold\_To\_ID and a.Region = b.Region and a.ORG\_ID = b.ORG\_ID inner join [CDForecast].[dbo].[tblForecastMaster] c on a.FCID = c.FCID where a.PROFIT\_CENTER\_ABBR\_DESC = 'CSD' and b.Sold\_To\_ID is null and c.Status = 'Y'and c.CanEdit = 'Y' and c.isActive = 'Y' and a.ORG\_ID is not null and a.Sold\_To\_ID is not null;

insert into SOPCD.dbo.SAP\_CustomerRegion

select distinct a.Region

,a.Sold\_To\_ID

,a.Sold\_To\_Name

,a.DD1\_WW\_CUST\_ACCT\_NBR

,a.DD1\_WW\_CUST\_ACCT\_NM

,a.IBC

,(select top 1 d.IBC\_NM from SOPCD.dbo.BOOKINGS\_CSD\_HIST d where d.IBC = a.IBC) as IBC\_NM

,a.DD1\_Industry\_Code

,a.DD1\_Industry\_Name

,a.SALES\_MANAGER

,a.DSE

,a.ORG\_ID

,a.ORG\_NM

from CDForecast.dbo.tblCFTForecast a left join SOPCD.dbo.SAP\_CustomerRegion b on a.Sold\_To\_ID = b.Sold\_To\_ID and a.Region = b.Region and a.ORG\_ID = b.ORG\_ID inner join [CDForecast].[dbo].[tblForecastMaster] c on a.FCID = c.FCID where a.PROFIT\_CENTER\_ABBR\_DESC = 'CSD' and b.Sold\_To\_ID is null and c.Status = 'Y'and c.CanEdit = 'Y' and c.isActive = 'Y' and a.ORG\_ID is not null and a.Sold\_To\_ID is not null;

insert into SOPCD.dbo.SAP\_PARTMASTER

select distinct a.Region

,a.PartNumber

,a.PartDescription

,a.PROFIT\_CENTER\_ABBR\_DESC

,a.SAP\_PROFIT\_CENTER\_SHORT\_DESC

,a.X\_DISTRIBUTION\_CHAIN\_STTS\_CDE

,a.ABCD\_CODE

,a.CBC

,a.GPL\_Family

,a.GPLCode

,a.GPLDescription

,a.ProductCode

,a.ProductDescription

from CDForecast.dbo.tblEndCustomerForecast a left join SOPCD.dbo.SAP\_PARTMASTER b on a.PartNumber = b.PartNumber and a.Region = b.Region and a.PROFIT\_CENTER\_ABBR\_DESC = b.PROFIT\_CENTER\_ABBR\_DESC inner join [CDForecast].[dbo].[tblForecastMaster] c on a.FCID = c.FCID where a.PROFIT\_CENTER\_ABBR\_DESC = 'CSD' and b.PartNumber is null and c.Status = 'Y'and c.CanEdit = 'Y' and c.isActive = 'Y'and a.PartNumber is not null and a.Region is not null and a.PROFIT\_CENTER\_ABBR\_DESC is not null and a.CBC is not null and a.CBC != ' ' and a.GPL\_Family is not null and a.GPLCode is not null and a.ProductCode is not null;

insert into SOPCD.dbo.SAP\_PARTMASTER

select distinct a.Region

,a.PartNumber

,a.PartDescription

,a.PROFIT\_CENTER\_ABBR\_DESC

,a.SAP\_PROFIT\_CENTER\_SHORT\_DESC

,a.X\_DISTRIBUTION\_CHAIN\_STTS\_CDE

,a.ABCD\_CODE

,a.CBC

,a.GPL\_Family

,a.GPLCode

,a.GPLDescription

,a.ProductCode

,a.ProductDescription

from CDForecast.dbo.tblSalesForecast a left join SOPCD.dbo.SAP\_PARTMASTER b on a.PartNumber = b.PartNumber and a.Region = b.Region and a.PROFIT\_CENTER\_ABBR\_DESC = b.PROFIT\_CENTER\_ABBR\_DESC inner join [CDForecast].[dbo].[tblForecastMaster] c on a.FCID = c.FCID where a.PROFIT\_CENTER\_ABBR\_DESC = 'CSD' and b.PartNumber is null and c.Status = 'Y'and c.CanEdit = 'Y' and c.isActive = 'Y'and a.PartNumber is not null and a.Region is not null and a.PROFIT\_CENTER\_ABBR\_DESC is not null and a.CBC is not null and a.CBC != ' ' and a.GPL\_Family is not null and a.GPLCode is not null and a.ProductCode is not null;

insert into SOPCD.dbo.SAP\_PARTMASTER

select distinct a.Region

,a.PartNumber

,a.PartDescription

,a.PROFIT\_CENTER\_ABBR\_DESC

,a.SAP\_PROFIT\_CENTER\_SHORT\_DESC

,a.X\_DISTRIBUTION\_CHAIN\_STTS\_CDE

,a.ABCD\_CODE

,a.CBC

,a.GPL\_Family

,a.GPLCode

,a.GPLDescription

,a.ProductCode

,a.ProductDescription

from CDForecast.dbo.tblDemandConsensusForecast a left join SOPCD.dbo.SAP\_PARTMASTER b on a.PartNumber = b.PartNumber and a.Region = b.Region and a.PROFIT\_CENTER\_ABBR\_DESC = b.PROFIT\_CENTER\_ABBR\_DESC inner join [CDForecast].[dbo].[tblForecastMaster] c on a.FCID = c.FCID where a.PROFIT\_CENTER\_ABBR\_DESC = 'CSD' and b.PartNumber is null and c.Status = 'Y'and c.CanEdit = 'Y' and c.isActive = 'Y'and a.PartNumber is not null and a.Region is not null and a.PROFIT\_CENTER\_ABBR\_DESC is not null and a.CBC is not null and a.CBC != ' ' and a.GPL\_Family is not null and a.GPLCode is not null and a.ProductCode is not null;

insert into SOPCD.dbo.SAP\_PARTMASTER

select distinct a.Region

,a.PartNumber

,a.PartDescription

,a.PROFIT\_CENTER\_ABBR\_DESC

,a.SAP\_PROFIT\_CENTER\_SHORT\_DESC

,a.X\_DISTRIBUTION\_CHAIN\_STTS\_CDE

,a.ABCD\_CODE

,a.CBC

,a.GPL\_Family

,a.GPLCode

,a.GPLDescription

,a.ProductCode

,a.ProductDescription

from CDForecast.dbo.tblCFTForecast a left join SOPCD.dbo.SAP\_PARTMASTER b on a.PartNumber = b.PartNumber and a.Region = b.Region and a.PROFIT\_CENTER\_ABBR\_DESC = b.PROFIT\_CENTER\_ABBR\_DESC inner join [CDForecast].[dbo].[tblForecastMaster] c on a.FCID = c.FCID where a.PROFIT\_CENTER\_ABBR\_DESC = 'CSD' and b.PartNumber is null and c.Status = 'Y'and c.CanEdit = 'Y' and c.isActive = 'Y'and a.PartNumber is not null and a.Region is not null and a.PROFIT\_CENTER\_ABBR\_DESC is not null and a.CBC is not null and a.CBC != ' ' and a.GPL\_Family is not null and a.GPLCode is not null and a.ProductCode is not null;

* + 1. Reference ASP

This stored procedure executes a specific algorithm that querys all Billings and Backlog tables for current ASP values for each of the following:

* + - 1. Part Number - Each part number in all regions.
      2. Sold To ID – A combination of Sold To ID and Part Number returns distinct records.

The alogrithm is as follows:

* Backlog – Queries all Backlog Amounts / Qty and determines the ASP values. Each fiscal month is queried until it fetches the distint values of each Sold to Id and Part Number combination and parses the data into the SAP\_REFERENCEASP in the SOPCD Database.
* Billings – If the algorithm fails to return any values in the Backlog table, then it proceeds to the Billings\_Hist table, and performs the identical search criteria for the prior 6 months of Billings. All Billings Amounts/Billings Qty returns the ASP values.
  + - 1. Listed below is the stored procedure.

This Function “FCharToDate” to change char to date. It will be used in Stored Procedure “UPD\_ASP\_DAILY”:

USE [SOPCD]

GO

ALTER FUNCTION [dbo].[FCharToDate]

(

-- Add the parameters for the function here

@p1 char(10)

)

RETURNS Date

AS

BEGIN

-- Declare the return variable here

DECLARE @Result Date

-- Add the T-SQL statements to compute the return value here

SELECT @Result = case substring(@p1,1,3)

when 'Jan' then DATEADD(YY,CAST(substring(@p1,5,2) as int),'2000-01-01')

when 'Feb' then DATEADD(MM,1,DATEADD(YY,CAST(substring(@p1,5,2) as int),'2000-01-01'))

when 'Mar' then DATEADD(MM,2,DATEADD(YY,CAST(substring(@p1,5,2) as int),'2000-01-01'))

when 'Apr' then DATEADD(MM,3,DATEADD(YY,CAST(substring(@p1,5,2) as int),'2000-01-01'))

when 'May' then DATEADD(MM,4,DATEADD(YY,CAST(substring(@p1,5,2) as int),'2000-01-01'))

when 'Jun' then DATEADD(MM,5,DATEADD(YY,CAST(substring(@p1,5,2) as int),'2000-01-01'))

when 'Jul' then DATEADD(MM,6,DATEADD(YY,CAST(substring(@p1,5,2) as int),'2000-01-01'))

when 'Aug' then DATEADD(MM,7,DATEADD(YY,CAST(substring(@p1,5,2) as int),'2000-01-01'))

when 'Sep' then DATEADD(MM,8,DATEADD(YY,CAST(substring(@p1,5,2) as int),'2000-01-01'))

when 'Oct' then DATEADD(MM,9,DATEADD(YY,CAST(substring(@p1,5,2) as int),'2000-01-01'))

when 'Nov' then DATEADD(MM,10,DATEADD(YY,CAST(substring(@p1,5,2) as int),'2000-01-01'))

when 'Dec' then DATEADD(MM,11,DATEADD(YY,CAST(substring(@p1,5,2) as int),'2000-01-01'))

end

-- Return the result of the function

RETURN @Result

END

This Stored Procedure “UPD\_ASP\_DAILY” is to update the table SAP\_REFERENCEASP in SOPCD everyday:

USE [SOPCD]

GO

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

ALTER PROCEDURE [dbo].[UPD\_ASP\_DAILY]

AS

BEGIN

-- SET NOCOUNT ON added to prevent extra result sets from

-- interfering with SELECT statements.

SET NOCOUNT ON;

delete from SOPCD.dbo.SAP\_REFERENCEASP;

with Backlog\_Group as

(

select a.PART\_NUMBER

,a.SOLD\_TO\_ID

,sopcd.dbo.fchartodate(a.MNTH\_YR) MNTH\_YR

,case sum(a.BACKLOG\_QTY) when 0 then 0

else sum(a.BACKLOG\_AMT)/SUM(A.BACKLOG\_QTY)

end ASP

from SOPCD.dbo.BACKLOG\_CSD a group by a.PART\_NUMBER,a.SOLD\_TO\_ID,a.MNTH\_YR

),

Backlog\_Has\_ASP as(

select a.PART\_NUMBER

,a.SOLD\_TO\_ID

,MIN(a.MNTH\_YR) MNTH\_YR

from Backlog\_Group as a

where MONTH(a.MNTH\_YR) >= MONTH(GETDATE())

and YEAR(a.MNTH\_YR) >= YEAR(GETDATE())

and a.ASP> 0

group by a.PART\_NUMBER,a.SOLD\_TO\_ID

),

BackLog\_No\_ASP as

(

select a.PART\_NUMBER

,a.SOLD\_TO\_ID

,Max(a.MNTH\_YR) MNTH\_YR

from Backlog\_Group a

where MONTH(a.MNTH\_YR) >= MONTH(GETDATE())

and YEAR(a.MNTH\_YR) >= YEAR(GETDATE())

and a.ASP = 0

group by a.PART\_NUMBER,a.SOLD\_TO\_ID

),

BackLog\_Both\_ASP as --PartNumber&SoldToID has both zero and amount in ASP

(

select a.PART\_NUMBER

,a.SOLD\_TO\_ID

,a.MNTH\_YR

from Backlog\_Has\_ASP a inner join BackLog\_No\_ASP b on a.SOLD\_TO\_ID=b.SOLD\_TO\_ID and a.PART\_NUMBER =b.PART\_NUMBER

),

BackLog\_ASP as

(

select a.PART\_NUMBER

,a.SOLD\_TO\_ID

,a.MNTH\_YR

from BackLog\_No\_ASP a left outer join BackLog\_Both\_ASP b on a.SOLD\_TO\_ID = b.SOLD\_TO\_ID and a.PART\_NUMBER = b.PART\_NUMBER where b.PART\_NUMBER is null

union

select \* from Backlog\_Has\_ASP

),

BackLog\_ASP\_Amount as

(

select a.PART\_NUMBER

, a.SOLD\_TO\_ID

,a.MNTH\_YR

,a.ASP

from Backlog\_Group a inner join BackLog\_ASP b on a.SOLD\_TO\_ID = b.SOLD\_TO\_ID and a.PART\_NUMBER = b.PART\_NUMBER and a.MNTH\_YR = b.MNTH\_YR

),

Billing\_Group as

(

Select a.PART\_NUMBER

,a.SOLD\_TO\_ID

,sopcd.dbo.fchartodate(a.MNTH\_YR) MNTH\_YR

,case sum(a.SHIPPED\_QTY) when 0 then 0

else sum(a.SHIPPED\_AMOUNT)/SUM(A.SHIPPED\_QTY)

end ASP from SOPCD.dbo.BILLINGS\_CSD\_HIST a group by a.PART\_NUMBER,a.SOLD\_TO\_ID,a.MNTH\_YR

),

Billing\_Lookback\_Period as

(

select \* from Billing\_Group a where a.MNTH\_YR < DATEADD(MM,DATEDIFF(MM,0,getdate()),0) and a.MNTH\_YR >= DATEADD(MM,DATEDIFF(MM,0,getdate())-6,0)

),

Billing\_Has\_ASP as

(

select a.PART\_NUMBER

,a.SOLD\_TO\_ID

,Max(a.MNTH\_YR) MNTH\_YR

from Billing\_Lookback\_Period a where a.ASP > 0 group by a.PART\_NUMBER,a.SOLD\_TO\_ID

),

Billing\_No\_ASP as

(

select a.PART\_NUMBER

,a.SOLD\_TO\_ID

,MIN(a.MNTH\_YR) MNTH\_YR

from Billing\_Lookback\_Period a where a.ASP = 0 group by a.PART\_NUMBER,a.SOLD\_TO\_ID

),

Billing\_Both\_ASP as

(

select a.PART\_NUMBER,a.SOLD\_TO\_ID,a.MNTH\_YR from Billing\_Has\_ASP a inner join Billing\_No\_ASP b on a.PART\_NUMBER = b.PART\_NUMBER and a.SOLD\_TO\_ID =b.SOLD\_TO\_ID

),

Billing\_ASP as

(

select a.PART\_NUMBER,a.SOLD\_TO\_ID,a.MNTH\_YR from Billing\_No\_ASP a left outer join Billing\_Both\_ASP b on a.SOLD\_TO\_ID = b.SOLD\_TO\_ID and a.PART\_NUMBER = b.PART\_NUMBER where b.PART\_NUMBER is null

union

select \* from Billing\_Has\_ASP

),

Billing\_ASP\_Amount as

(

select a.PART\_NUMBER

, a.SOLD\_TO\_ID

,a.MNTH\_YR

,a.ASP

from Billing\_Lookback\_Period a inner join Billing\_ASP b on a.SOLD\_TO\_ID = b.SOLD\_TO\_ID and a.PART\_NUMBER = b.PART\_NUMBER and a.MNTH\_YR = b.MNTH\_YR

),

Billing\_Backlog\_both\_ASP as

(

select a.PART\_NUMBER

,a.SOLD\_TO\_ID

,a.MNTH\_YR

,case when b.ASP = 0 and a.ASP = 0 then 0

when b.ASP = 0 and a.ASP != 0 then a.ASP

else b.ASP

end ASP

from BackLog\_ASP\_Amount a inner join BackLog\_ASP\_Amount b on a.PART\_NUMBER = b.PART\_NUMBER and a.SOLD\_TO\_ID = b.SOLD\_TO\_ID

)

insert into SOPCD.dbo.SAP\_REFERENCEASP

select a.PART\_NUMBER,a.SOLD\_TO\_ID,a.ASP from Billing\_Backlog\_both\_ASP a;

with Backlog\_Group as

(

select a.PART\_NUMBER

,a.SOLD\_TO\_ID

,sopcd.dbo.fchartodate(a.MNTH\_YR) MNTH\_YR

,case sum(a.BACKLOG\_QTY) when 0 then 0

else sum(a.BACKLOG\_AMT)/SUM(A.BACKLOG\_QTY)

end ASP

from SOPCD.dbo.BACKLOG\_CSD a group by a.PART\_NUMBER,a.SOLD\_TO\_ID,a.MNTH\_YR

),

BackLog\_Period as

(

select \*

from Backlog\_Group as a

where a.MNTH\_YR >= DATEADD(MM,DATEDIFF(MM,0,getdate()),0)

),

Backlog\_Has\_ASP as(

select a.PART\_NUMBER

,a.SOLD\_TO\_ID

,MIN(a.MNTH\_YR) MNTH\_YR

from BackLog\_Period as a

where a.ASP> 0

group by a.PART\_NUMBER,a.SOLD\_TO\_ID

),

BackLog\_No\_ASP as

(

select a.PART\_NUMBER

,a.SOLD\_TO\_ID

,Max(a.MNTH\_YR) MNTH\_YR

from BackLog\_Period a

where a.ASP = 0

group by a.PART\_NUMBER,a.SOLD\_TO\_ID

),

BackLog\_Both\_ASP as --PartNumber&SoldToID has both zero and amount in ASP

(

select a.PART\_NUMBER

,a.SOLD\_TO\_ID

,a.MNTH\_YR

from Backlog\_Has\_ASP a inner join BackLog\_No\_ASP b on a.SOLD\_TO\_ID=b.SOLD\_TO\_ID and a.PART\_NUMBER =b.PART\_NUMBER

),

BackLog\_ASP as

(

select a.PART\_NUMBER

,a.SOLD\_TO\_ID

,a.MNTH\_YR

from BackLog\_No\_ASP a left outer join BackLog\_Both\_ASP b on a.SOLD\_TO\_ID = b.SOLD\_TO\_ID and a.PART\_NUMBER = b.PART\_NUMBER where b.PART\_NUMBER is null

union

select \* from Backlog\_Has\_ASP

),

BackLog\_ASP\_Amount as

(

select a.PART\_NUMBER

, a.SOLD\_TO\_ID

,a.MNTH\_YR

,a.ASP

from Backlog\_Group a inner join BackLog\_ASP b on a.SOLD\_TO\_ID = b.SOLD\_TO\_ID and a.PART\_NUMBER = b.PART\_NUMBER and a.MNTH\_YR = b.MNTH\_YR

)

insert into sopcd.dbo.SAP\_REFERENCEASP

select a.PART\_NUMBER,a.SOLD\_TO\_ID,a.ASP from BackLog\_ASP\_Amount a left join sopcd.dbo.SAP\_REFERENCEASP b on a.PART\_NUMBER = b.Partnumber and a.SOLD\_TO\_ID = b.SOLD\_TO\_ID where b.Partnumber is null;

with Billing\_Group as

(

Select a.PART\_NUMBER

,a.SOLD\_TO\_ID

,sopcd.dbo.fchartodate(a.MNTH\_YR) MNTH\_YR

,case sum(a.SHIPPED\_QTY) when 0 then 0

else sum(a.SHIPPED\_AMOUNT)/SUM(A.SHIPPED\_QTY)

end ASP from SOPCD.dbo.BILLINGS\_CSD\_HIST a group by a.PART\_NUMBER,a.SOLD\_TO\_ID,a.MNTH\_YR

),

Billing\_Lookback\_Period as

(

select \* from Billing\_Group a where a.MNTH\_YR < DATEADD(MM,DATEDIFF(MM,0,getdate()),0) and a.MNTH\_YR >= DATEADD(MM,DATEDIFF(MM,0,getdate())-6,0)

),

Billing\_Has\_ASP as

(

select a.PART\_NUMBER

,a.SOLD\_TO\_ID

,Max(a.MNTH\_YR) MNTH\_YR

from Billing\_Lookback\_Period a where a.ASP > 0 group by a.PART\_NUMBER,a.SOLD\_TO\_ID

),

Billing\_No\_ASP as

(

select a.PART\_NUMBER

,a.SOLD\_TO\_ID

,MIN(a.MNTH\_YR) MNTH\_YR

from Billing\_Lookback\_Period a where a.ASP = 0 group by a.PART\_NUMBER,a.SOLD\_TO\_ID

),

Billing\_Both\_ASP as

(

select a.PART\_NUMBER,a.SOLD\_TO\_ID,a.MNTH\_YR from Billing\_Has\_ASP a inner join Billing\_No\_ASP b on a.PART\_NUMBER = b.PART\_NUMBER and a.SOLD\_TO\_ID =b.SOLD\_TO\_ID

),

Billing\_ASP as

(

select a.PART\_NUMBER,a.SOLD\_TO\_ID,a.MNTH\_YR from Billing\_No\_ASP a left outer join Billing\_Both\_ASP b on a.SOLD\_TO\_ID = b.SOLD\_TO\_ID and a.PART\_NUMBER = b.PART\_NUMBER where b.PART\_NUMBER is null

union

select \* from Billing\_Has\_ASP),

Billing\_ASP\_Amount as

(

select a.PART\_NUMBER

, a.SOLD\_TO\_ID

,a.MNTH\_YR

,a.ASP

from Billing\_Lookback\_Period a inner join Billing\_ASP b on a.SOLD\_TO\_ID = b.SOLD\_TO\_ID and a.PART\_NUMBER = b.PART\_NUMBER and a.MNTH\_YR = b.MNTH\_YR

)

insert into sopcd.dbo.SAP\_REFERENCEASP

select a.PART\_NUMBER,a.SOLD\_TO\_ID,a.ASP from Billing\_ASP\_Amount a left join sopcd.dbo.SAP\_REFERENCEASP b on a.PART\_NUMBER = b.Partnumber and a.SOLD\_TO\_ID = b.SOLD\_TO\_ID where b.Partnumber is null;

END

* + 1. Key Customer table (SAP\_KEYCUSTOMER)

All Key Customer identified by querying the BILLINGS\_CSD\_HIST table, and return distinct values for the following;

|  |
| --- |
| Region |
| Sold\_To\_ID |
| PROFIT\_CENTER\_ABBR\_DESC |
| Key\_Cust\_Code |
| Key\_Cust\_Desc |

* Distinct Key Customer values.

|  |  |
| --- | --- |
| KEY\_CUSTOMER\_CDE | KEY\_CUSTOMER\_DESC |
|  |  |
| A03 | A Datacomm |
| A04 | A Consumer |
| A05 | A Industrial |
| A08 | A Appliance |
| B03 | B Datacomm |
| B04 | B Consumer |
| B05 | B Industrial |
| B08 | B Appliance |
| C00 | C Channel |
| D00 | D Channel |

* The SAP\_KEYCUSTOMER is truncated, and appended with new values. Listed below is the stored procedure.

This Stored Procedure “UPD\_KeyCustomer” is to update the table SAP\_KEYCUSTOMER in SOPCD daily:

USE [SOPCD]

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

ALTER PROCEDURE [dbo].[UPD\_KeyCustomer]

AS

BEGIN

-- SET NOCOUNT ON added to prevent extra result sets from

-- interfering with SELECT statements.

SET NOCOUNT ON;

delete from SOPCD.dbo.SAP\_KEYCUSTOMER;

with KeyCustomer as

(

select a.REGION,a.SOLD\_TO\_ID,a.PROFIT\_CENTER\_ABBR\_DESC,a.KEY\_CUSTOMER\_CDE,KEY\_CUSTOMER\_DESC from SOPCD.dbo.BILLINGS\_CSD\_HIST a where a.KEY\_CUSTOMER\_CDE is not null group by a.REGION,a.SOLD\_TO\_ID,a.PROFIT\_CENTER\_ABBR\_DESC,a.KEY\_CUSTOMER\_CDE,KEY\_CUSTOMER\_DESC

),

KeyCustomer\_more\_one as(

select a.REGION,a.SOLD\_TO\_ID,a.PROFIT\_CENTER\_ABBR\_DESC from KeyCustomer a group by a.REGION,a.SOLD\_TO\_ID,a.PROFIT\_CENTER\_ABBR\_DESC having COUNT(\*) > 1

)

insert into SOPCD.dbo.SAP\_KEYCUSTOMER

select a.REGION,a.SOLD\_TO\_ID,a.PROFIT\_CENTER\_ABBR\_DESC,a.KEY\_CUSTOMER\_CDE,KEY\_CUSTOMER\_DESC from KeyCustomer a left join KeyCustomer\_more\_one b on a.REGION = b.REGION and a.SOLD\_TO\_ID =b.SOLD\_TO\_ID and a.PROFIT\_CENTER\_ABBR\_DESC = b.PROFIT\_CENTER\_ABBR\_DESC where b.REGION is null

union

select a.REGION,a.SOLD\_TO\_ID,a.PROFIT\_CENTER\_ABBR\_DESC,a.KEY\_CUSTOMER\_CDE,KEY\_CUSTOMER\_DESC from KeyCustomer a inner join KeyCustomer\_more\_one b on a.REGION = b.REGION and a.SOLD\_TO\_ID =b.SOLD\_TO\_ID and a.PROFIT\_CENTER\_ABBR\_DESC = b.PROFIT\_CENTER\_ABBR\_DESC where a.KEY\_CUSTOMER\_CDE is not null;

END

* + 1. **Oracle SWA to SOPCD Table Mapping and Design**

The table mapping/names are listed below.

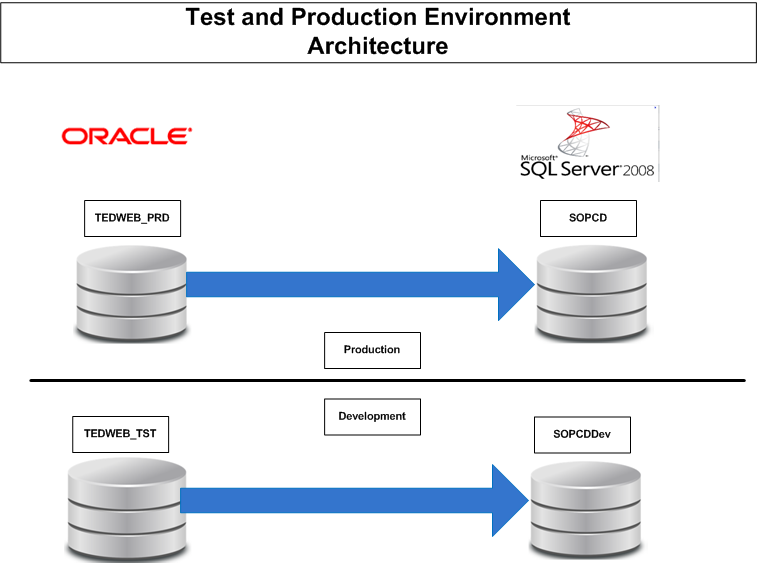
**Mapping from Oracle to SQL Server**

|  |  |
| --- | --- |
| Oracle | SQL Server |
| Swa.BACKLOG\_CSD | BACKLOG\_CSD |
| Swa.BILLINGS\_CSD\_DAILY | BILLINGS\_CSD\_DAILY |
| Swa.BILLINGS\_CSD\_HIST | BILLINGS\_CSD\_HIST |
| Swa.BOOKINGS\_CSD\_DAILY | BOOKINGS\_CSD\_DAILY |
| Swa.BOOKINGS\_CSD\_HIST | BOOKINGS\_CSD\_HIST |
| Swa.SAP\_SCHEDULED\_AGREEMENTS | SAP\_SCHEDULED\_AGREEMENTS |

* + 1. **Production and Test Environments**

Production and Test environments are required for testing and release of new table design or SQL Script changes.

*NOTE: Test Environment is subject to change due refresh of Tables/Views.*



* 1. Back Up Procedure for CND92DB03

Listed below is the backup Procedure for the daily backup procedure for S&OP Server CND92DB03.

# General Information

**Server information:**

Server: CND92DB03

IP: 202.0.204.33

**User information:**

Local Admin: rayadmin

Password: sticKy0827

**SQL Server user information:**

User name: sa

Password: Admin123

***Important Notice:***

Local admin and SQL server system admin have full control of the server and database, be aware of confidentiality.

# SQL Server Maintenance Plans

Maintenance plans create a workflow of the tasks required to make sure that database is optimized, regularly backed up, and free of inconsistencies. The Maintenance Plan Wizard also creates core maintenance plans, but creating plans manually gives much more flexibility.

## Create Maintenance Plans

In Microsoft SQL Server Management Studio, Management🡪Maintenance Plans, Right Click, Chose *New Maintenance Plan…* As shown on figure 1

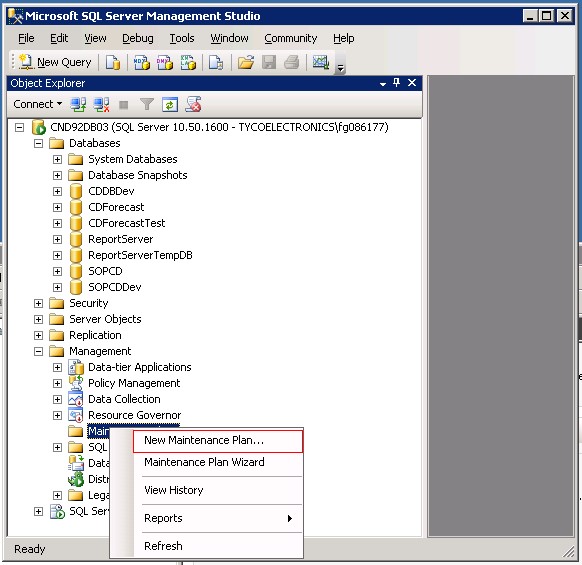


Figure 1

1. Enter the New Maintenance Plan as shown on figure 2.

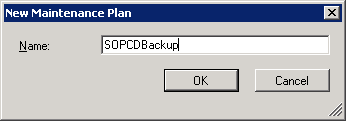


Figure 2

1. Drag *Back Up Database Task*, *History Cleanup Task*, *Maintenance Cleanup Task*, *Execute T-SQL Statement Task* into the right side panel as shown on figure 3.

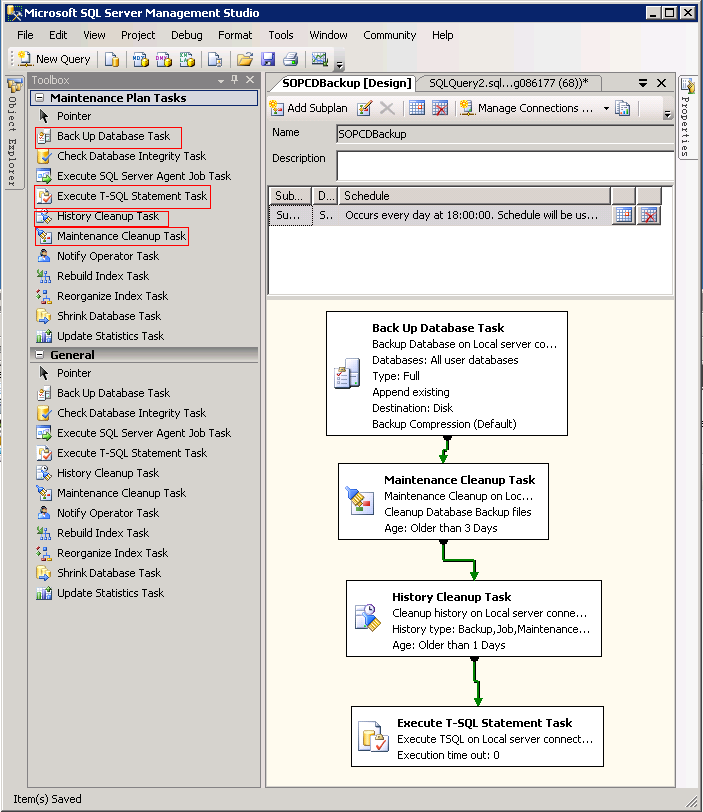


Figure 3

1. Double click *Back Up Database Task*. In Database drop down list chose *All user databases(excluding master, model, msdb, tempdb)*, check *Create a backup file for every database*. Chose folder: *F:\SQL Server Back up* as shown on figure 4.

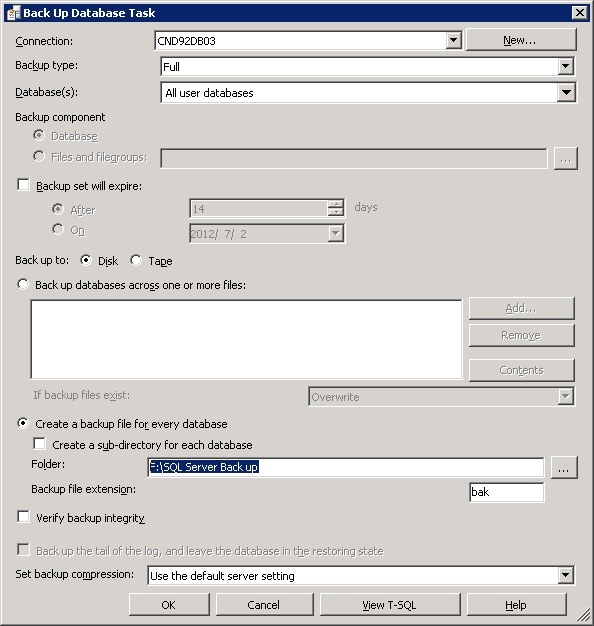


Figure 4

1. Double click *Maintenance Cleanup Task*. Check Search folder and delete files based on an extension, enter Folder *F:\SQL Server Back up*, enter File extension *bak,* chose 3 days in Delete files older than the following. As shown on figure 5.

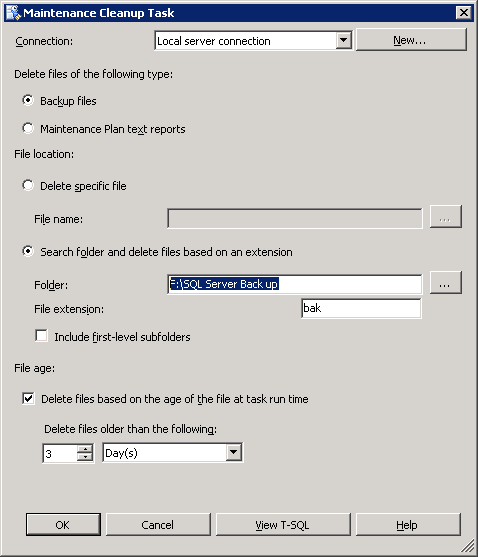


Figure 5

1. Double click *History Cleanup Task,* in Remove historical data older than set 1 day. As shown on figure 6

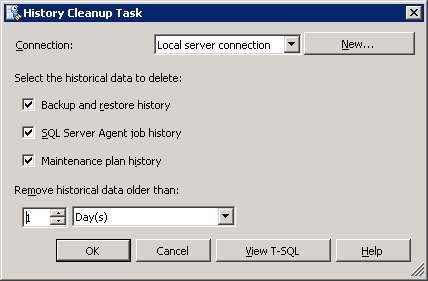


Figure 6

1. Double click *Execute T-SQL Statement Task,* Write some script in the content to send email confirm when backup success. As shown on figure 7

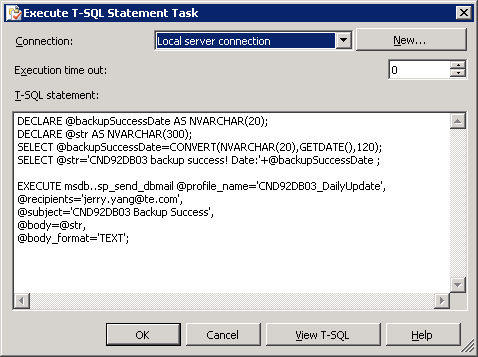


Figure 7

1. Click Job Schedule Properties as shown on figure 8.

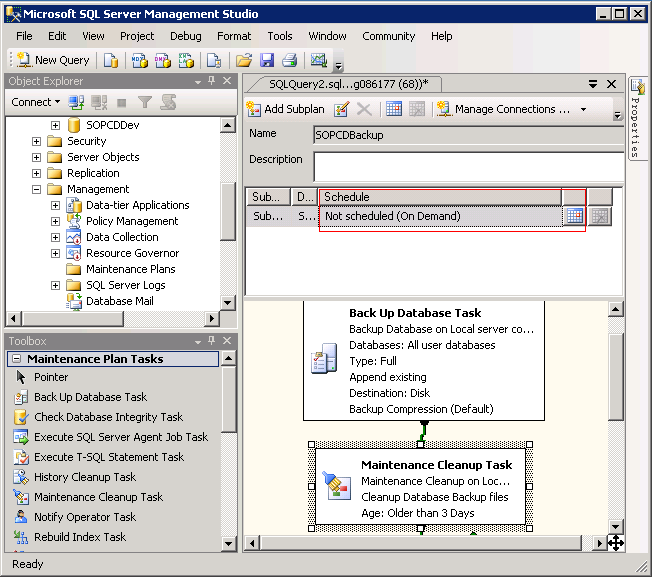


Figure 8

1. In Job Schedule Properties, Chose Frequency as *Daily*, Recurs every *1 day*, Occurs once at *18:00:00*, Check *No end date*. As shown on figure 9.

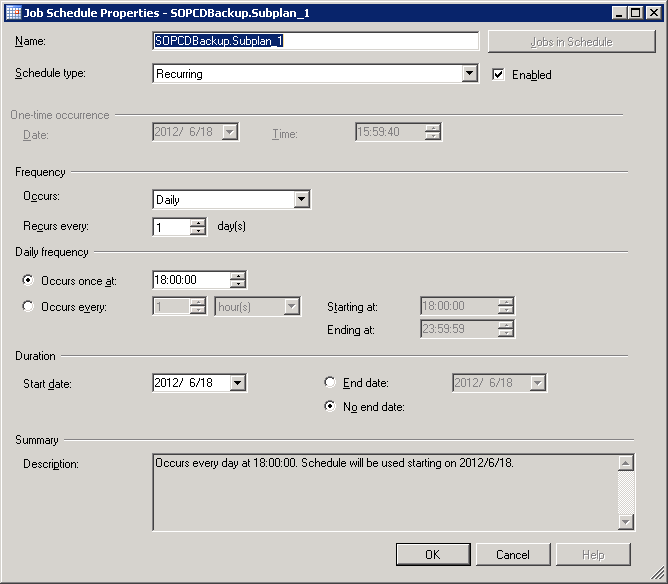


Figure 9

## Backup Files Location

Backup files are located in “F:\SQL Server Back up” folder. In this folder will keep 3 days backup files. Database could be restored by these files. As shown on figure 10.

1. Backup Success Email Notification

Listed below is the daily notification of daily backup success.

