|  |
| --- |
| DMO-PPM |
|  |
| DLD - Detailed Level Design |
|  |
|  |

**Document Control**

**Document History**

|  |  |  |  |
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**Distribution List**

|  |  |  |
| --- | --- | --- |
| **Name** | **Role** | **Organisation** |
| *<Member of the team and stake holders and reviewers and approvers>* | *<Their respective role to this project and at organisation>* | *<Name of the organisation they belong to>* |

**References**

|  |  |  |  |
| --- | --- | --- | --- |
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| EBIP\_DMO\_PPM\_Data\_HLD\_v1 6 | 1.6 | Sumit Pandey/Sachin |  |

**Table of Contents**

**[1](#_Toc415065473)****[Introduction](#_Toc415065473)** [5](#_Toc415065473)

**[1.1](#_Toc415065474)****[BusinessOverview](#_Toc415065474)** [5](#_Toc415065474)

**[1.2](#_Toc415065475)****[Process Approach](#_Toc415065475)** [5](#_Toc415065475)

**[1.3](#_Toc415065476)****[Scope](#_Toc415065476)** [5](#_Toc415065476)

**[1.4](#_Toc415065477)****[Audience](#_Toc415065477)** [5](#_Toc415065477)

**[2](#_Toc415065478)****[Technical Details – GUI and Data](#_Toc415065478)** [6](#_Toc415065478)

**[2.1](#_Toc415065479)****[Design Specifications](#_Toc415065479)** [6](#_Toc415065479)

**[2.2](#_Toc415065480)****[Dimension in Details](#_Toc415065480)** [6](#_Toc415065480)

**[2.3](#_Toc415065481)****[Data Source](#_Toc415065481)** [6](#_Toc415065481)

**[2.4](#_Toc415065482)****[GUI Parameters](#_Toc415065482)** [6](#_Toc415065482)

**[2.5](#_Toc415065483)****[Supervisor View](#_Toc415065483)** [7](#_Toc415065483)

***[2.5.1](#_Toc415065484)******[Supervisor View Filters](#_Toc415065484)*** [7](#_Toc415065484)

**[3](#_Toc415065485)****[Technical Details - Data](#_Toc415065485)** [8](#_Toc415065485)

***[3.1.1](#_Toc415065486)*****[Staging Area - MIR and STG](#_Toc415065486)** [8](#_Toc415065486)

***[3.1.2](#_Toc415065487)*****[Staging Area – TMP, DELTA and HISTORY](#_Toc415065487)** [8](#_Toc415065487)

***[3.1.3](#_Toc415065488)*****[Data Mart/Reporting Data Objects](#_Toc415065488)** [9](#_Toc415065488)

***[3.1.4](#_Toc415065489)*****[Access Privileges for all DB Objects](#_Toc415065489)** [9](#_Toc415065489)

**[3.2](#_Toc415065490)****[Metric Definitions and calculations](#_Toc415065490)** [10](#_Toc415065490)

**[3.3](#_Toc415065491)****[Erwin Data Model](#_Toc415065491)** [11](#_Toc415065491)

**[3.4](#_Toc415065492)****[ETL Logic and Details](#_Toc415065492)** [12](#_Toc415065492)

***[3.4.1](#_Toc415065493)******[Data Process Flow chart](#_Toc415065493)*** [12](#_Toc415065493)

**[3.5](#_Toc415065494)****[Feed File for DMO PPM](#_Toc415065494)** [13](#_Toc415065494)

**[3.6](#_Toc415065495)****[DMO\_ERP\_Sellin.csv](#_Toc415065495)** [14](#_Toc415065495)

***[3.6.1](#_Toc415065497)*****[File Details](#_Toc415065497)** [14](#_Toc415065497)

***[3.6.2](#_Toc415065498)*****[FTP Details](#_Toc415065498)** [14](#_Toc415065498)

***[3.6.3](#_Toc415065499)*****[UNIX Directory](#_Toc415065499)** [14](#_Toc415065499)

***[3.6.4](#_Toc415065500)*****[File Format](#_Toc415065500)** [14](#_Toc415065500)

***[3.6.5](#_Toc415065501)*****[Control /Feed Balance File](#_Toc415065501)** [15](#_Toc415065501)

**[3.7](#_Toc415065502)****[DMO\_ISC\_Sellin.csv](#_Toc415065502)** [16](#_Toc415065502)

***[3.7.1](#_Toc415065503)*****[File Details](#_Toc415065503)** [16](#_Toc415065503)

***[3.7.2](#_Toc415065504)*****[FTP Details](#_Toc415065504)** [16](#_Toc415065504)

***[3.7.3](#_Toc415065505)*****[UNIX Directory](#_Toc415065505)** [16](#_Toc415065505)

***[3.7.4](#_Toc415065506)*****[File Format](#_Toc415065506)** [16](#_Toc415065506)

***[3.7.5](#_Toc415065507)*****[Control /Feed Balance File](#_Toc415065507)** [17](#_Toc415065507)

**[3.8](#_Toc415065508)****[DMO\_MD\_Sellout.csv](#_Toc415065508)** [17](#_Toc415065508)

***[3.8.1](#_Toc415065509)*****[File Details](#_Toc415065509)** [17](#_Toc415065509)

***[3.8.2](#_Toc415065510)*****[FTP Details](#_Toc415065510)** [18](#_Toc415065510)

***[3.8.3](#_Toc415065511)*****[UNIX Directory](#_Toc415065511)** [18](#_Toc415065511)

***[3.8.4](#_Toc415065512)*****[File Format](#_Toc415065512)** [18](#_Toc415065512)

***[3.8.5](#_Toc415065513)*****[Control /Feed Balance File](#_Toc415065513)** [19](#_Toc415065513)

**[3.9](#_Toc415065514)****[User List Summary](#_Toc415065514)** [20](#_Toc415065514)

**[3.10](#_Toc415065515)****[File Level Validations](#_Toc415065515)** [21](#_Toc415065515)

**[3.11](#_Toc415065516)****[Duplicates Validation Process](#_Toc415065516)** [22](#_Toc415065516)

***[3.11.1](#_Toc415065517)******[SELL IN :](#_Toc415065517)*** [22](#_Toc415065517)

**[ISC files:](#_Toc415065518)** [22](#_Toc415065518)

**[ERP files:](#_Toc415065519)** [22](#_Toc415065519)

**[3.12](#_Toc415065520)****[Staging Area 1 - Load File and Mirror PNP data](#_Toc415065520)** [23](#_Toc415065520)

***[3.12.1](#_Toc415065527)******[DMO\_SELL\_IN\_ERP\_STG](#_Toc415065527)*** [23](#_Toc415065527)

***[3.12.2](#_Toc415065528)******[DMO\_SELL\_IN\_ISC\_STG](#_Toc415065528)*** [24](#_Toc415065528)

***[3.12.3](#_Toc415065529)******[DMO\_SELL\_OUT\_STG](#_Toc415065529)*** [26](#_Toc415065529)

***[3.12.4](#_Toc415065530)******[DMO\_MARKETSEGMENT\_LOB\_LT](#_Toc415065530)*** [27](#_Toc415065530)

***[3.12.5](#_Toc415065531)******[DMO\_USER\_PROFILE\_MIR](#_Toc415065531)*** [28](#_Toc415065531)

***[3.12.6](#_Toc415065532)******[DMO\_USER\_ROLE\_MIR](#_Toc415065532)*** [29](#_Toc415065532)

***[3.12.7](#_Toc415065533)******[DMO\_USER\_HIERARCHY\_MIR](#_Toc415065533)*** [30](#_Toc415065533)

***[3.12.8](#_Toc415065534)******[DMO\_BDE\_TERRITORY\_MIR](#_Toc415065534)*** [31](#_Toc415065534)

***[3.12.9](#_Toc415065535)******[DMO\_COUNTRY\_MIR](#_Toc415065535)*** [32](#_Toc415065535)

***[3.12.10](#_Toc415065536)******[DMO\_CURRENCY\_MIR](#_Toc415065536)*** [32](#_Toc415065536)

***[3.12.11](#_Toc415065537)******[DMO\_TERRITORY\_MIR](#_Toc415065537)*** [33](#_Toc415065537)

***[3.12.12](#_Toc415065538)******[DMO\_PARTNER\_MASTER\_MIR](#_Toc415065538)*** [34](#_Toc415065538)

***[3.12.13](#_Toc415065539)******[DMO\_PARTNER\_MKT\_SEG\_MIR](#_Toc415065539)*** [35](#_Toc415065539)

***[3.12.14](#_Toc415065540)******[DMO\_PARTNER\_CHNL\_SEG\_MIR](#_Toc415065540)*** [36](#_Toc415065540)

***[3.12.15](#_Toc415065541)******[DMO\_SELLIN\_PROD\_PLAN\_MIR](#_Toc415065541)*** [36](#_Toc415065541)

***[3.12.16](#_Toc415065542)******[DMO\_SELOUT\_PROD\_PLAN\_MIR](#_Toc415065542)*** [39](#_Toc415065542)

***[3.12.17](#_Toc415065543)******[DMO\_SELLIN\_REV\_PLAN\_MIR](#_Toc415065543)*** [41](#_Toc415065543)

***[3.12.18](#_Toc415065544)******[DMO\_SELOUT\_RV\_BDE\_PLAN\_MIR](#_Toc415065544)*** [43](#_Toc415065544)

***[3.12.19](#_Toc415065545)******[DMO\_SELOUT\_RV\_RES\_PLAN\_MIR](#_Toc415065545)*** [48](#_Toc415065545)

***[3.12.20](#_Toc415065546)******[DMO\_PRODUCT\_HIERARCH\_MIR](#_Toc415065546)*** [50](#_Toc415065546)

***[3.12.21](#_Toc415065547)******[DMO\_PRODUCT\_CATALOG\_MIR](#_Toc415065547)*** [51](#_Toc415065547)

***[3.12.22](#_Toc415065548)******[DMO\_PRODUCT\_EXP\_MIR](#_Toc415065548)*** [52](#_Toc415065548)

***[3.12.23](#_Toc415065549)******[DMO\_PARTNER\_EXP\_MIR](#_Toc415065549)*** [53](#_Toc415065549)

***[3.12.24](#_Toc415065550)******[DMO\_ORDER\_EXCEPTION\_MIR](#_Toc415065550)*** [54](#_Toc415065550)

**[3.13](#_Toc415065551)****[Staging Area 1 - Populate EBIP Current Snapshot](#_Toc415065551)** [55](#_Toc415065551)

***[3.13.1](#_Toc415065557)******[Control Table for EBIP Snapshot](#_Toc415065557)*** [55](#_Toc415065557)

***[3.13.2](#_Toc415065558)******[Populate the EBIP Current Snapshot](#_Toc415065558)*** [56](#_Toc415065558)

***[3.13.3](#_Toc415065559)******[Sample](#_Toc415065559)*** [57](#_Toc415065559)

**[3.14](#_Toc415065560)****[Staging Area 2 – Populate Delta and History for Data Mart](#_Toc415065560)** [57](#_Toc415065560)

***[3.14.1](#_Toc415065561)******[Populate Delta Data](#_Toc415065561)*** [57](#_Toc415065561)

***[3.14.2](#_Toc415065562)******[Populate History Data](#_Toc415065562)*** [57](#_Toc415065562)

***[3.14.3](#_Toc415065564)******[Staging Summary](#_Toc415065564)*** [58](#_Toc415065564)

***[3.14.4](#_Toc415065565)******[Populate Dimension](#_Toc415065565)*** [58](#_Toc415065565)

**[3.15](#_Toc415065566)****[Intermediate Fact](#_Toc415065566)** [60](#_Toc415065566)

***[3.15.1](#_Toc415065567)******[Order Management Exception Process](#_Toc415065567)*** [60](#_Toc415065567)

***[3.15.2](#_Toc415065568)******[DMO\_SELL\_IN\_ERP\_ISC\_INTRM](#_Toc415065568)*** [60](#_Toc415065568)

***[3.15.3](#_Toc415065653)******[DMO\_SELL\_IN\_METRICS\_BASE\_INTRM](#_Toc415065653)*** [61](#_Toc415065653)

***[3.15.4](#_Toc415065654)******[DMO\_SELLOUT\_METRICS\_BASE\_INTRM](#_Toc415065654)*** [62](#_Toc415065654)

***[3.15.5](#_Toc415065655)******[Product Exception](#_Toc415065655)*** [62](#_Toc415065655)

***[3.15.6](#_Toc415065656)******[Partner Exception](#_Toc415065656)*** [63](#_Toc415065656)

**[3.16](#_Toc415065657)****[Final Fact Tables](#_Toc415065657)** [63](#_Toc415065657)

***[3.16.1](#_Toc415065658)******[DMO\_SELL\_IN\_METRICS\_BASE\_F](#_Toc415065658)*** [63](#_Toc415065658)

***[3.16.2](#_Toc415065659)******[DMO\_SELL\_OUT\_METRICS\_BASE\_F](#_Toc415065659)*** [64](#_Toc415065659)

***[3.16.3](#_Toc415065660)******[DMO\_SELL\_IN\_OUT\_METRICS\_DRVD\_F](#_Toc415065660)*** [65](#_Toc415065660)

***[3.16.4](#_Toc415065661)******[DMO\_SELL\_OUT\_REJECT\_F](#_Toc415065661)*** [67](#_Toc415065661)

***[3.16.5](#_Toc415065662)******[DMO\_SELL\_IN\_ERP\_ISC\_REJECT\_F](#_Toc415065662)*** [68](#_Toc415065662)

**[3.17](#_Toc415065663)****[PNP to EBIP Views - Column level Mapping](#_Toc415065663)** [69](#_Toc415065663)

**[3.19](#_Toc415065664)****[B2A Metadata Spread Sheet](#_Toc415065664)** [70](#_Toc415065664)

**[3.20](#_Toc415065665)****[Candidate Sources](#_Toc415065665)** [70](#_Toc415065665)

***[3.20.1](#_Toc415065666)******[Source Details](#_Toc415065666)*** [70](#_Toc415065666)

***[3.20.2](#_Toc415065667)******[Source Feeds](#_Toc415065667)*** [70](#_Toc415065667)

***[3.20.3](#_Toc415065668)******[Source Access – DB Link](#_Toc415065668)*** [70](#_Toc415065668)

***[3.20.4](#_Toc415065669)******[Source Access – FTP](#_Toc415065669)*** [70](#_Toc415065669)

***[3.20.5](#_Toc415065670)******[In bound / Out Bound – Shell Script](#_Toc415065670)*** [71](#_Toc415065670)

***[3.20.6](#_Toc415065671)******[In bound – SQL Loader / Data Pump / Import Utility](#_Toc415065671)*** [71](#_Toc415065671)

***[3.20.7](#_Toc415065672)******[Job Details (For Production Support turnover document)](#_Toc415065672)*** [71](#_Toc415065672)

**[4](#_Toc415065673)****[Exception Handling and Audits](#_Toc415065673)** [72](#_Toc415065673)

**[4.1](#_Toc415065674)****[GUI](#_Toc415065674)** [72](#_Toc415065674)

**[4.2](#_Toc415065675)****[Report](#_Toc415065675)** [72](#_Toc415065675)

**[4.3](#_Toc415065676)****[Data](#_Toc415065676)** [72](#_Toc415065676)

**[5](#_Toc415065677)****[Assumptions](#_Toc415065677)** [74](#_Toc415065677)

**[6](#_Toc415065678)****[Open Issues/Risks](#_Toc415065678)** [75](#_Toc415065678)

**[7](#_Toc415065679)****[Traceability](#_Toc415065679)** [76](#_Toc415065679)

**[8](#_Toc415065680)****[Glossary / Definition](#_Toc415065680)** [77](#_Toc415065680)

1. **Introduction**
   1. **BusinessOverview**

A structured process to identify, agree and document Partner Business Plans and monitor progress on a regular cadence. Partner Performance Management (PPM) intended to integrate, normalize, and automate indirect channel sales activity management processes to drive channel efficiencies and productivity.

Currently many of DMO PPM processes are manual, and third party providers also support DMO channel management processes and the data is reviewed and validated manually by Xerox.

DMO requires a PPM framework which manages partner performance throughout sales process—including sell in, sell out, inventory, and run rates analysis.

* 1. **Process Approach**

The recommended approach is to build the components of the DMO - PPM

The following are the steps in summary for the following process to be built in EBIP the respective modules under,

* GUI – The front end part , including user screen , Drop down , Navigation (embedded in PNP portal)
* Report – The integration of data base and the GUI screen as per user query formation.
* Data – The database part including source pull, stage, fact, dimension.
  1. **Scope**

**In scope -**Sell In data Analysis –Sell In data collation from Xerox supply chain ERP Systems (East and West) and Country ERP systems. Sell Out data Analysis- Sell out data collation from Tier 1 partner systems (Master Distributor)

**Out of scope:** Point of Sale data analysis, Reseller to Customer data. we can include that Inventory data will be in the next phase.

This document will provide the low level implementation and technical details of the solution discussed in the HLD document.

* 1. **Audience**

Business owners and the other stake holders for this project are the intended audience of this document.

1. **Technical Details – GUI and Data**

SECTION 2 BELONGS TO REPORT AND GUI, THEIR INDEPENDENT DLD UNDER REVIEW WILL BE RECONCILED WITH THIS DOCUMENT UNDER THE BELOW SECTION

* 1. **Design Specifications**

|  |
| --- |
| *Object and Relational representation*  *Request handler/Pictorial depiction - within and among the GUI, REPORT and DATA for request and parameters which are impacted.*  *<Web Focus Request between server client at Flex Files, jsp/java>*  *< Rational Rose, Visio can be made use>* |

* 1. **Dimension in Details**

|  |  |  |
| --- | --- | --- |
| Selection | GUI Variable | Levels |
|  | | |
|  |  |  |
|  |  |  |

* 1. **Data Source**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Option Level Name | Option Level Display | order | Data Source | ID - Field | Display – Fields |
| **Organization** | | | | | |
|  |  |  |  |  |  |
|  |  |  |  |  |

* 1. **GUI Parameters**

The reports will be expecting specific arguments from the GUI. These parameter variables are defined as follows:

The below parameters will be always send to the reports as part of the url.

|  |  |  |  |
| --- | --- | --- | --- |
| PARAMETER NAME | DELIMITER | DEFAULT | REMARKS/SAMPLE |
|  |  |  |  |
|  |  |  |  |

* 1. **Supervisor View**
     1. ***Supervisor View Filters***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Selection | GUI Variable | Levels | Data source | Description |
|  |  |  |  |  |

1. **Technical Details - Data**
   * 1. **Staging Area - MIR and STG**

*The below table provides a summary of all objects which are created new as part of the DMO data design.*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Object Name | Object Owner | Object Type | Database | Operations |
| DMO\_USER\_PROFILE\_MIR | DMODW | TABLE | ISRVE | DROP/CREATE |
| DMO\_USER\_ROLE\_MIR | DMODW | TABLE | ISRVE | DROP/CREATE |
| DMO\_USER\_HIERARCHY\_MIR | DMODW | TABLE | ISRVE | DROP/CREATE |
| DMO\_BDE\_TERRITORY\_MIR | DMODW | TABLE | ISRVE | DROP/CREATE |
| DMO\_TERRITORY\_MIR | DMODW | TABLE | ISRVE | DROP/CREATE |
| DMO\_COUNTRY\_MIR | DMODW | TABLE | ISRVE | DROP/CREATE |
| DMO\_CURRENCY\_MIR | DMODW | TABLE | ISRVE | DROP/CREATE |
| DMO\_PARTNER\_MASTER\_MIR | DMODW | TABLE | ISRVE | DROP/CREATE |
| DMO\_PARTNER\_CHNL\_SEG\_MIR | DMODW | TABLE | ISRVE | DROP/CREATE |
| DMO\_PARTNER\_MKT\_SEG\_MIR | DMODW | TABLE | ISRVE | DROP/CREATE |
| DMO\_SELLIN\_PROD\_PLAN\_MIR | DMODW | TABLE | ISRVE | DROP/CREATE |
| DMO\_SELOUT\_PROD\_PLAN\_MIR | DMODW | TABLE | ISRVE | DROP/CREATE |
| DMO\_SELLIN\_REV\_PLAN\_MIR | DMODW | TABLE | ISRVE | DROP/CREATE |
| DMO\_SELOUT\_RV\_BDE\_PLAN\_MIR | DMODW | TABLE | ISRVE | DROP/CREATE |
| DMO\_SELOUT\_RV\_RES\_PLAN\_MIR | DMODW | TABLE | ISRVE | DROP/CREATE |
| DMO\_PARTNER\_EXP\_MIR | DMODW | TABLE | ISRVE | DROP/CREATE |
| DMO\_ORDER\_ EXCEPTION\_MIR | DMODW | TABLE | ISRVE | DROP/CREATE |
| DMO\_PRODUCT\_CATALOG\_MIR | DMODW | TABLE | ISRVE | DROP/CREATE |
| DMO\_PRODUCT\_HIERARCH\_MIR | DMODW | TABLE | ISRVE | DROP/CREATE |
| DMO\_PRODUCT\_EXP\_MIR | DMODW | TABLE | ISRVE | DROP/CREATE |
| DMO\_SELL\_IN\_ERP\_STG | DMODW | TABLE | ISRVE | DROP/CREATE |
| DMO\_SELL\_IN\_ISC\_STG | DMODW | TABLE | ISRVE | DROP/CREATE |
| DMO\_SELL\_OUT\_STG | DMODW | TABLE | ISRVE | DROP/CREATE |

* + 1. **Staging Area – TMP, DELTA and HISTORY**

Like all PNP Mirror table (\_MIR) described in above section the following tables

* Snapshot (\_TMP),
* Delta (\_DELTA) tables are also created in staging area 1 and 2 during the batch process (DROP/CREATE).
* History (\_HISTORY) tables are appended with DELTA table data (INSERT only)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Staging Area 1 | | Staging Area 2 | |
| # | PNP Mirror (B) | Snapshot (A) | Delta (C = B minus A) | History (D = Append C with D) |
| 1 | DMO\_USER\_PROFILE\_MIR | DMO\_USER\_PROFILE\_TMP | DMO\_USER\_PROFILE\_DELTA | DMO\_USER\_PROFILE\_HISTORY |
| 2 | DMO\_USER\_ROLE\_MIR | DMO\_USER\_ROLE\_TMP | DMO\_USER\_ROLE\_DELTA | DMO\_USER\_ROLE\_HISTORY |
| 3 | DMO\_TERRITORY\_MIR | DMO\_TERRITORY\_TMP | DMO\_TERRITORY\_DELTA | DMO\_TERRITORY\_HISTORY |
| 4 | DMO\_USER\_HIERARCHY\_MIR | DMO\_USER\_HIERARCHY\_TMP | DMO\_USER\_HIERARCHY\_DELTA | DMO\_USER\_HIERARCHY\_HISTORY |
| 5 | DMO\_BDE\_TERRITORY\_MIR | DMO\_BDE\_TERRITORY\_TMP | DMO\_BDE\_TERRITORY\_DELTA | DMO\_BDE\_TERRITORY\_HISTORY |
| 6 | DMO\_COUNTRY\_MIR | DMO\_COUNTRY\_TMP | DMO\_COUNTRY\_DELTA | DMO\_COUNTRY\_HISTORY |
| 7 | DMO\_CURRENCY\_MIR | DMO\_CURRENCY\_TMP | DMO\_CURRENCY\_DELTA | DMO\_CURRENCY\_HISTORY |
| 8 | DMO\_PARTNER\_MASTER\_MIR | DMO\_PARTNER\_MASTER\_TMP | DMO\_PARTNER\_MASTER\_DELTA | DMO\_PARTNER\_MASTER\_HISTORY |
| 9 | DMO\_PARTNER\_CHNL\_SEG\_MIR | DMO\_PARTNER\_CHNL\_SEG\_TMP | DMO\_PARTNER\_CHNL\_SEG\_DELTA | DMO\_PARTNER\_CHNL\_SEG\_HISTORY |
| 10 | DMO\_PARTNER\_MKT\_SEG\_MIR | DMO\_PARTNER\_MKT\_SEG\_TMP | DMO\_PARTNER\_MKT\_SEG\_DELTA | DMO\_PARTNER\_MKT\_SEG\_HISTORY |
| 11 | DMO\_SELLIN\_PROD\_PLAN\_MIR | DMO\_SELLIN\_PROD\_PLAN\_TMP | DMO\_SELLIN\_PROD\_PLAN\_DELTA | DMO\_SELLIN\_PROD\_PLAN\_HISTORY |
| 12 | DMO\_SELOUT\_PROD\_PLAN\_MIR | DMO\_SELOUT\_PROD\_PLAN\_TMP | DMO\_SELOUT\_PROD\_PLAN\_DELTA | DMO\_SELOUT\_PROD\_PLAN\_HISTORY |
| 13 | DMO\_SELLIN\_REV\_PLAN\_MIR | DMO\_SELLIN\_REV\_PLAN\_TMP | DMO\_SELLIN\_REV\_PLAN\_DELTA | DMO\_SELLIN\_REV\_PLAN\_HISTORY |
| 14 | DMO\_SELOUT\_RV\_BDE\_PLAN\_MIR | DMO\_SELOUT\_RV\_BDE\_PLAN\_TMP | DMO\_SELOUT\_RV\_BDE\_PLAN\_DELTA | DMO\_SELOUT\_RV\_BDE\_PLAN\_HISTORY |
| 15 | DMO\_SELOUT\_RV\_RES\_PLAN\_MIR | DMO\_SELOUT\_RV\_RES\_PLAN\_TMP | DMO\_SELOUT\_RV\_RES\_PLAN\_DELTA | DMO\_SELOUT\_RV\_RES\_PLAN\_HISTORY |
| 16 | DMO\_PARTNER\_EXP\_MIR | DMO\_PARTNER\_EXP\_TMP | DMO\_PARTNER\_EXP\_DELTA | DMO\_PARTNER\_EXP\_HISTORY |
| 17 | DMO\_ORDER\_EXCEPTION\_MIR | DMO\_ORDER\_EXCEPTION\_TMP | DMO\_ORDER\_EXCEPTION\_DELTA | DMO\_ORDER\_EXCEPTION\_HISTORY |
| 18 | DMO\_PRODUCT\_CATALOG\_MIR | DMO\_PRODUCT\_CATALOG\_TMP | DMO\_PRODUCT\_CATALOG\_DELTA | DMO\_PRODUCT\_CATALOG\_HISTORY |
| 19 | DMO\_PRODUCT\_HIERARCH\_MIR | DMO\_PRODUCT\_HIERARCH\_TMP | DMO\_PRODUCT\_HIERARCH\_DELTA | DMO\_PRODUCT\_HIERARCH\_HISTORY |
| 20 | DMO\_PRODUCT\_EXP\_MIR | DMO\_PRODUCT\_EXP\_TMP | DMO\_PRODUCT\_EXP\_DELTA | DMO\_PRODUCT\_EXP\_HISTORY |

* + 1. **Data Mart/Reporting Data Objects**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Object Name | Object Owner | Object Type | Database | Operations |
| DMO\_USER\_PROFILE\_D | DMODM | TABLE | ISRVE | MERGE |
| DMO\_USER\_ROLE\_D | DMODM | TABLE | ISRVE | MERGE |
| DMO\_USER\_HIERARCHY\_D | DMODM | TABLE | ISRVE | MERGE |
| DMO\_BDE\_TERRITORIES\_D | DMODM | TABLE | ISRVE | MERGE |
| DMO\_TERRITORY\_D | DMODM | TABLE | ISRVE | MERGE |
| DMO\_COUNTRY\_D | DMODM | TABLE | ISRVE | MERGE |
| DMO\_CURRENCY\_LT | DMODM | TABLE | ISRVE | MERGE |
| DMO\_PARTNER\_MASTER\_D | DMODM | TABLE | ISRVE | MERGE |
| DMO\_PARTNER\_CHNL\_SEG\_MIR | DMODM | TABLE | ISRVE | MERGE |
| DMO\_PARTNER\_MKT\_SEG\_MIR | DMODM | TABLE | ISRVE | MERGE |
| DMO\_SELL\_IN\_PRODUCT\_PLAN\_D | DMODM | TABLE | ISRVE | MERGE |
| DMO\_SELL\_OUT\_PRODUCT\_PLAN\_D | DMODM | TABLE | ISRVE | MERGE |
| DMO\_SELL\_IN\_REV\_PLAN\_D | DMODM | TABLE | ISRVE | MERGE |
| DMO\_SELL\_OUT\_REV\_BDE\_PLAN\_D | DMODM | TABLE | ISRVE | MERGE |
| DMO\_SELL\_OUT\_REV\_RES\_PLAN\_D | DMODM | TABLE | ISRVE | MERGE |
| DMO\_PARTNER\_EXCEPTION\_D | DMODM | TABLE | ISRVE | MERGE |
| DMO\_ORDER\_EXCEPTION\_D | DMODM | TABLE | ISRVE | MERGE |
| DMO\_PRODUCT\_CATALOG\_D | DMODM | TABLE | ISRVE | MERGE |
| DMO\_PRODUCT\_HIERARCHY\_D | DMODM | TABLE | ISRVE | MERGE |
| DMO\_PRODUCT\_EXCEPTION\_D | DMODM | TABLE | ISRVE | MERGE |
| DMO\_REASON\_CODE\_MASTER | DMODM | TABLE | ISRVE | MERGE |
| DMO\_SELL\_IN\_ERP\_ISC\_REJECT\_F | DMODM | TABLE | ISRVE | MERGE |
| DMO\_SELL\_OUT\_REJECT\_F | DMODM | TABLE | ISRVE | MERGE |
| DMO\_SELL\_IN\_METRICS\_BASE\_F | DMODM | TABLE | ISRVE | MERGE |
| DMO\_SELL\_OUT\_METRICS\_BASE\_F | DMODM | TABLE | ISRVE | MERGE |
| DMO\_SELL\_IN\_OUT\_METRICS\_DRVD\_F | DMODM | TABLE | ISRVE | MERGE |

* + 1. **Access Privileges for all DB Objects**

|  |  |  |  |
| --- | --- | --- | --- |
| S.No | Schema | Read Role | Write Role |
| 1 | DMODW(All Tables) | DMODW\_ACC\_READ\_ROLE | DMODW\_ACC\_WRITE\_ROLE |
| 2 | DMODM(All Tables) | DMODM\_ACC\_READ\_ROLE | DMODM\_DMODM\_ACC\_WRITE\_ROLE |
| 3 | EBIP\_DMO\_DM  a. DMO\_PARTNER\_EXCEPTION\_D  b. DMO\_PRODUCT\_EXCEPTION\_D  c. DMO\_REASON\_CODE\_MASTER\_LT | EBIP\_DMOPNP  (This DB Schema user is created to provide access to PNP source system) | NA |

* 1. **Metric Definitions and calculations**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| # | Metric Name | Derived from Table Name | Column | Technical Implementation | Currency Convn. |
|  | DMO\_SELL\_IN\_METRICS\_BASE\_F | |  |  |  |
| 1 | OPEN ORDER COUNT | DMO\_SELL\_IN\_METRICS\_BASE\_INTRM | ORDER\_NUMBER,  ORDER\_LINE,  ORDER\_LINE\_STATUS | Count of ORDER\_LINE where ORDER\_LINE\_STATUS is not ‘closed’ or ‘cancelled’ per ‘ORDER\_NUMBER’ |  |
| 2 | REVENUE | DMO\_SELL\_IN\_METRICS\_BASE\_INTRM | ORDER\_STATUS,  QUANTITY,  SALE\_PRICE | QUANTITY \* SALE\_PRICE ~~where ORDER\_LINE\_STATUS=CLOSED~~ ~~at ORDER\_LINE item level~~ | Y |
| 3 | RMA | DMO\_SELL\_IN\_METRICS\_BASE\_INTRM | QUANTITY,  SALE\_PRICE | It is negative revenue at line item level, Where Return Flag=’Y’  QUANTITY\* SALE\_PRICE | Y |
|  | DMO\_SELL\_IN\_OUT\_METRICS\_DRVD\_F | |  |  |  |
| 4 | SELL IN QUANTITY | DMO\_SELL\_IN\_METRICS\_BASE\_F | QUANTITY,  PRODUCT\_PART\_ID,  PARTNER\_ID | Sum of QUANTITY group by PARTNER\_ID, PRODUCT\_PART\_ID |  |
| 5 | SELL IN SALE PRICE | DMO\_SELL\_IN\_METRICS\_BASE\_F | SALE\_PRICE | AVG(SALE\_PRICE), GROUP BY PRODUCT\_PART\_ID, PARTNER\_ID |  |
| 6 | SELL IN COST | DMO\_SELL\_IN\_METRICS\_BASE\_F | COST | (REVENUE/QUANTITY), GROUP BY PARTNER\_ID,PRODUCT\_PART\_ID | Y |
| 7 | SELL IN REVENUE | DMO\_SELL\_IN\_METRICS\_BASE\_F | REVENUE | Sum of REVENUE group by PARTNER\_ID, PRODUCT\_PART\_ID | Y |
| 8 | SELL IN TAX | DMO\_SELL\_IN\_METRICS\_BASE\_F | TAX | Sum of TAX group by PARTNER\_ID, PRODUCT\_PART\_ID | Y |
| 9 | SELL IN READY TO SHIP | DMO\_SELL\_IN\_METRICS\_BASE\_F | ORDER\_LINE\_STATUS,SALE PRICE,QUANTITY | Sum of SALE\_PRICE\*QUANTITY where Order\_Line\_Status =’PICKED’ group by PARTNER\_ID, PRODUCT\_PART\_ID | Y |
| 10 | SELL IN CONSTRAINT | DMO\_SELL\_IN\_OUT\_DRVD\_INTRM | SELL\_IN\_READY\_TO\_SHIP  SELL\_IN\_OPEN\_ORDER | SELL\_IN\_OPEN\_ORDER- SELL\_IN\_READY\_TO\_SHIP  Group by PARTNER\_ID, PRODUCT\_PART\_ID | Y |
| 11 | SELL IN OPEN ORDER | DMO\_SELL\_IN\_METRICS\_BASE\_F | ORDER\_NUMBER,  ORDER\_LINE,  ORDER\_LINE\_STATUS,SALE\_PRICE, QUANTITY | Sum of (SALE\_PRICE\*QUANTITY) where ORDER\_LINE\_STATUS is not is not ‘closed’ or ‘cancelled’ group by PARTNER\_ID, PRODUCT\_PART\_ID | Y |
| 12 | SELL IN INVENTORY REVENUE | DMO\_SELL\_IN\_METRICS\_BASE\_F  DMO\_SELL\_IN\_OUT\_DRVD\_INTRM | SELL\_IN\_INVNTRY\_REVENUE\_LOCAL,  SELL\_IN\_INVNTRY\_REVENUE\_USD  SELL\_IN\_TRANSFER\_PRICE,  SELL\_IN\_REVENUE  SELL\_OUT\_REVENUE | **A+B+C** where,  **A:** Previous Month Inventory =Sum of (SELL\_IN\_INVNTRY\_REVENUE\_LOCAL( or SELL\_IN\_INVNTRY\_REVENUE\_USD)  **B:** SELL\_IN\_REVENUE of current month  **C:** SELL\_OUT\_REVENUE of current month  Group by PARTNER\_ID,PRODUCT\_PART\_ID | Y |
| 13 | SELL IN DAYS OF STOCK | DMO\_COUNTRY\_D,  DMO\_SELL\_IN\_METRICS\_BASE\_F,  DMO\_SELL\_IN\_OUT\_DRVD\_INTRM | MEASUREMENT\_DAYS,  QUANTITY,  SALE\_PRICE,  SELL\_OUT\_REVENUE for 3 months | **(A/B)\*C** where,  **A:** Previous Month Inventory =Sum of (QUANTITY\* SALE\_PRICE) ,  **B:** Sum of SELL\_OUT\_REVENUE for last 3 months,  **C:** MEASUREMENT\_DAYS  Group by PARTNER\_ID, PRODUCT\_PART\_ID |  |
| 14 | SELL IN RMA | DMO\_SELL\_IN\_METRICS\_BASE\_F | RMA | Sum of RMA group by PARTNER\_ID, PRODUCT\_PART\_ID | Y |
| 15 | SELL IN REVENUE DEFFERALS | DMO\_COUNTRY\_D,  DMO\_SELL\_IN\_METRICS\_BASE\_F,  DMO\_SELL\_OUT\_METRICS\_BASE\_F  DMO\_SELL\_IN\_OUT\_DRVD\_INTRM | TARGET\_DAYS\_ALLOWED,  SELL\_IN\_DAYS\_OF\_STOCK | If  SELL\_IN\_DAYS\_OF\_STOCK > TARGET\_DAYS\_ALLOWED then,  **(A\*B)-C**  Else,  **0**  WHERE,  **A:** Sum of SELL\_OUT\_REVENUE for last 3 months  **B:** TARGET\_DAYS\_ALLOWED  **C:** SELL\_IN\_INVENTORY\_REVENUE for Completed/Current month  If SELL\_OUT\_REVENUE for a month is not present then, for that month SELL\_IN\_REVENUE + 5% margin would be used as SELL\_OUT\_REVENUE. | Y |
| 16 | SELL IN OPEN ORDER COUNT | DMO\_SELL\_IN\_METRICS\_BASE\_F | OPEN\_ORDER\_COUNT | Sum of OPEN\_ORDER\_COUNT group by PARTNER\_ID, PRODUCT\_PART\_ID |  |
|  | SELL\_OUT\_METRICS\_BASE\_F | |  |  |  |
| 17 | RMA | DMO\_SELLOUT\_METRICS\_BASE\_INTRM | QUANTITY,  SALE\_PRICE | It is negative revenue at line item level, Where Transaction\_Type=81  QUANTITY\* SALE\_PRICE | Y |
| 18 | REVENUE | DMO\_SELLOUT\_METRICS\_BASE\_INTRM | QUANTITY,  SALE\_PRICE | QUANTITY \* SALE\_PRICE | Y |

* 1. **Erwin Data Model**

**



* 1. **ETL Logic and Details** 
     1. ***Data Process Flow chart***



* 1. **Feed File for DMO PPM**

Sourcing from HLD version 1.6, the respective section on HLD is failing to highlight the reason why we emphasis to provide:

1. Different ftp accounts to the respective feed file suppliers for ERP,ISC and MD
2. Distinct file names for MD,ERP and ISC
3. File Sequence Number to enable multiple and backlog files to be processed without any dependency (manual intervention or system)

EBIP DMO can accept files as previously communicated, however we should determine if the following is adhered to with regards to data security and file management from different feed owners.

The following are the reasons to consider the proposal to **provide different ftp accounts to the respective feed file suppliers:**

1. For each file type ERP, ISC or MD: it’s mandatory to have independent ftp users specifically to ensure that when a file is pushed from the feed owners, they have complete permission (wrx - write, read and execute) for them to enable this ftp activity. Hence they should not be able to access any other file which they don’t own or own or are not responsible for.

The following are the reasons to consider the proposal to **provide distinct file names for MD, ERP and ISC**

**(as example, “MD\_VATID” (ref. to DMO\_<MD\_VATID>\_<FILE\_SEQ\_NO>\_Sellout.csv)):**

1. Need to associate each record in file to the respective MD name. Otherwise we don’t have any association at record level to its respective MD.
2. Also reading from a file name should reflect where and to whom it belongs to when there are multiple suppliers whose files are pushed to server independently.
3. To be consistent, we suggest using the same file naming convention for  **ERP and ISC**
4. Archival of files becomes difficult when all feed files are not distinguished with different names.
5. Sequence Number has also been agreed to be added as part of the file name to distinguish multiple files placed during the same day.
6. File Sequence Number is incremental and it is continues during all file life for all 3 file types(MD,ISC and ERP) both input and control files.

The File format and naming convention for the respective feed owners are detailed under below sections

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| S.No | FILE DESCRIPTION | REPORT | External Table | Frequency / Time | Mode |
| 1 | Master Distributor file | Sell out Reports | DMO\_SELL\_OUT\_EXT | Daily/ 00:01 - 07:00 AM | FTP/SFTP |
| 2 | DMO ISC file | Sell In Reports | DMO\_SELL\_IN\_ISC\_EXT | Daily/ 00:01 - 07:00 AM | FTP/SFTP |
| 3 | Local ERP file | Sell In Reports | DMO\_SELL\_IN\_ERP\_EXT | Daily/ 00:01 - 07:00 AM | FTP/SFTP |

Following document contains approved feed file structure, format and FTP details:



* 1. **DMO\_ERP\_Sellin.csv**

ERP file is expected in the format below to read the ERP file data (comma delimited) by the EBIP system. The following detail has to be adhered:

* 1. 1. **File Details**

Name - DMO\_<**ERP\_COUNTRY>\_<FILE\_SEQ\_NO>\_**Sellin.csv

Delimiter – comma

File Type – ERP

ERP\_COUNTRY: ERP data created for a specific country.

FILE\_SEQ\_NO: File Sequence Number maintained internally from feed owners, character length 6

Example: File Sequence Number, could have values 000001, 000002

**Sample**

For Mexico: 🡺DMO\_ERP\_XMEX\_000001\_Sellin.csv

First ERP Mexico file is named as DMO\_ERP\_XMEX\_000001\_Sellin.csv and the subsequent file can be named incrementing the 000001 to 000002, 000003 like DMO\_ERP\_XMEX\_000002\_Sellin.csv

* + 1. **FTP Details**

User ID – DMO\_ERP

PWD – not shared in this document.

* + 1. **UNIX Directory**

Mapped to DB tables and the feed file owners will be provided an ftp account to place files directly to this directory /u25/ftp/ISRVE\_FEEDS\_IN/DMO\_PPM/<ERP\_COUNTRY>/

**Sample**

For Mexico: /u25/ftp/ISRVE\_FEEDS\_IN/DMO\_PPM/MEXICO/**ERP**

* + 1. **File Format**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Name from Business | Field Name in File | Field Format | Field Comment | Mandatory |
| VAT\_ID | VAT ID | Varchar2(500) | VAT ID | Yes |
| Customer Name | CustomerName | varchar2(500) | Reseller or Master Distributor or local Xerox | Yes |
| Order Type | OrderType | varchar2(500) | onshore or offshore order for a part | Yes |
| Sales Order | SalesOrder | varchar2(500) | Sales Order # created in WOE system by MD | Yes |
| Order creation date | OrderCreationDate | Date (DD/MM/YYYY) | Creation date of the Order | Yes |
| Order Status | OrderStatus | varchar2(500) | Status of the Order | Yes |
| DMO ISC Order | DMO ISC Order | varchar2(500) | Order # created in DMO ISC system for WOE order | No |
| Sales Order Line | SalesOrderLine | varchar2(500) | A request for a specific quantity of a specific Device within a specific Xerox Order | Yes |
| Line Status | LineStatus | varchar2(500) | Sales order line status at sale order line level. For example - BOOKED, CLOSED etc.. | Yes |
| Part Number | PartNumber | varchar2(500) | A unique identifier of part item (Equipment, supplies or part) | Yes |
| Return Flag | ReturnFlag | Varchar2(10) | Return Flag | No |
| Qty | Quantity | Number (No decimal) | Quantity of the order placed | Yes |
| Sales Price | SalesPrice | Number (up to 6 decimals) | Sale Price of Part Item | Yes |
| Transfer Price | TransferPrice | Number (up to 6 decimals) | Price to Xerox. MTP Price | No |
| Tax | Tax | Number (up to 6 decimals) | Tax | No |
| DMO ISC Invoice # | DMO ISC Invoice | varchar2(500) | DMO ISC Invoice Number | No |
| DMO ISC Invoice Date | DMO ISC InvoideDate | Date (DD/MM/YYYY) | DMO ISC Invoice Date | No |
| Currency | Currency | varchar2(500) | Currency code at order line item level. | Yes |
| Customer Invoice # | CustomerInvoice | varchar2(500) | Customer Invoice Number | No |
| Customer Invoice Date | CustomerInvoiceDate | Date (DD/MM/YYYY) | Customer Invoice Date | No |

* + 1. **Control /Feed Balance File**

A feed balancing file will be placed along with the respective ERP input file with the details as follows:

File Details

Name - DMO\_<**ERP\_COUNTRY**>\_<**FILE\_SEQ\_NO**>\_Sellin\_feedbal.csv 🡺 For Mexico: DMO\_**ERP\_XMEX**\_**000001**\_Sellin\_feedbal.csv

Delimiter – comma

File Type – ERP Feed Bal

|  |  |  |
| --- | --- | --- |
| File Name | Record Count | Load Date |
| Actual Name of the Feed File  e.g For Mexico: DMO\_**ERP\_XMEX**\_**000001**\_Sellin.csv | No of records in Feed File excluding header  e.g 48 | Date (DD/MM/YYYY)  e.g 23/01/2014 |

* 1. **DMO\_ISC\_Sellin.csv**

ISC file is expected in the format below to read the ISC file data (comma delimited) by the to-be EBIP system the following details has to be adhered.

* + 1. **File Details**

Name - DMO\_<**ISC\_REGION>\_<FILE\_SEQ\_NO>\_**Sellin.csv

Delimiter – comma

File Type – ISC

ISC\_REGION: DMO ISC East or DMO ISC West

FILE\_SEQ\_NO: File Sequence Number maintained internally from feed owners, character length 6

Sample: File Sequence Number, could have values 000001, 000002

**Sample**

For DMO ISC West: 🡺DMO\_ISC\_DMOW\_000001\_Sellin.csv

For DMO ISC East: 🡺DMO\_ISC\_DMOE\_000001\_Sellin.csv

First ISC file for DMO ISC West is named as DMO\_ISC\_DMOW\_000001\_Sellin.csv and the subsequent file can be named incrementing the 000001 to 000002, 000003 like DMO\_ISC\_DMOW\_000002\_Sellin.csv

* + 1. **FTP Details**

User ID – DMO\_ISC

PWD – not share in this document.

* + 1. **UNIX Directory**

Mapped to the respective DB tables and the feed file owners will be provided an ftp account to place files directly to this directory **/u25/ftp/ISRVE\_FEEDS\_IN/DMO\_PPM/<ISC\_REGION>/**

**Sample**

For DMO ISC West: /u25/ftp/ISRVE\_FEEDS\_IN/DMO\_PPM/ISC\_DMOW/

For DMO ISC East: /u25/ftp/ISRVE\_FEEDS\_IN/DMO\_PPM/ISC\_DMOE/

* + 1. **File Format**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Name from Business | Field Name in File | Field Format | Field Comment | Mandatory |
| Customer/MD Name | CustomerName | varchar2(500) | Reseller or Master Distributor or local Xerox | Yes |
| Country code | CountryCode | varchar2(2) | Country ISO code | Yes |
| Order Type | OrderType | varchar2(500) | onshore or offshore order for a part | Yes |
| Sales Order | SalesOrder | varchar2(500) | Sales Order # created in WOE system by MD | Yes |
| DMO ISC order | DMO ISC Order | varchar2(500) | Order # created in DMO ISC system for WOE order | Yes |
| Sales order line | SalesOrderLine | varchar2(500) | A request for a specific quantity of a specific Device within a specific Xerox Order | Yes |
| Line Status | LineStatus | varchar2(500) | Sales order line status at sale order line level. For example - BOOKED, CLOSED etc.. | Yes |
| Order creation date | OrderCreationDate | Date (DD/MM/YYYY) | DMO ISC order creation date | Yes |
| Order Status | OrderStatus | varchar2(500) | Header Order status at order level. For example - BOOKED, CLOSED etc.. | Yes |
| Currency | Currency | varchar2(500) | Currency code at order line item level. | Yes |
| Return Flag/Order type 2 | ReturnFlag | varchar2(10) | This is required to identify returned part to Xerox | No |
| Invoice number | InvoiceNumber | varchar2(500) | Invoice created in DMO ISC | No |
| Invoice Date | InvoiceDate | Date (DD/MM/YYYY) | Invoice date | No |
| Part number | ProductPartNumber | varchar2(500) | A Unique identifier of product | Yes |
| Quantity | Quantity | Number (No decimal) | Count of Part items ordered | Yes |
| Sale Price | SalePrice | Number (up to 6 decimals) | Sale Price of Part Item | Yes |
| Transfer Price | TransferPrice | Number (up to 6 decimals) | Price to Xerox. MTP Price | No |

* + 1. **Control /Feed Balance File**

A feed balancing file will be placed along with the respective ISC input file which the details as follows

File Details

Name - DMO\_<**ISC\_REGION**>\_<**FILE\_SEQ\_NO**>\_Sellin\_feedbal.csv 🡺 For DMO ISC West: DMO\_**ISC\_DMOW**\_**000001**\_Sellin\_feedbal.csv

Delimiter – comma

File Type – ISC Feed Bal

|  |  |  |
| --- | --- | --- |
| File Name | Record Count | Load Date |
| Actual Name of the Feed File  e.g DMO\_**ISC\_DMOW**\_**000001**\_Sellin.csv | No of records in Feed File excluding header  e.g 48 | Date (DD/MM/YYYY)  e.g 23/01/2014 |

* 1. **DMO\_MD\_Sellout.csv**

MD file is expected in the format below to read the MD file data (comma delimited) by the to-be EBIP system the following details has to be adhered.

* + 1. **File Details**

Name - DMO\_<**MD\_VATID**>\_<**FILE\_SEQ\_NO**>\_Sellout.csv

Delimiter – comma

File Type - MD

MD\_VATID: VAT Id of the Master Distributor

FILE\_SEQ\_NO: File Sequence Number maintained internally from feed owners, character length 6

Sample: File Sequence Number, could have values 000001, 000002

**Sample**

For Master Distributor with VAT ID as 83728: 🡺DMO\_83728\_000001\_Sellout.csv

First MD file for the Master Distributor with VAT as 83728 is named as DMO\_83728\_000001\_Sellout.csv and the subsequent file can be named incrementing the 000001 to 000002, 000003 like DMO\_83728\_000002\_Sellout.csv

* + 1. **FTP Details**

User ID – DMO\_MD

PWD – not share in this document.

* + 1. **UNIX Directory**

Mapped to the respective DB tables and the feed file owners will be provided an ftp account to place files directly to this directory /u25/ftp/ISRVE\_FEEDS\_IN/DMO\_PPM**/MEXICO/<MD\_NAME>/**

**Sample**

For Master Distributor IMMX the directory name is

/u25/ftp/ISRVE\_FEEDS\_IN/DMO\_PPM/MEXICO/IMMX/

* + 1. **File Format**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Name from Business | Field Name in File | Field Format | Field Comment | Mandatory |
| Invoice Number | InvoiceNumber | varchar2(500) | Invoice Number | Yes |
| Invoice Date | InvoiceDate | Date (DD/MM/YYYY) | Invoice Date | Yes |
| Tier2\_VAT ID/RFC Mexico | VAT ID/RFC | varchar2(500) | VAT ID of Reseller | Yes |
| Tier2\_Address1 | Address | varchar2(500) | Address of Reseller | No |
| Tier2\_Country | Country | varchar2(500) | Country of Reseller | Yes |
| Tier2\_City | City | varchar2(500) | City of Reseller | Yes |
| Tier2\_State | State | varchar2(500) | Please include full literals  example: CHIHUAHUA or MEXICO or NUEVO LEON or DISTRITO FEDERAL and not like  “CHIH., N.L.; D.F.; DF..etc”. | Yes |
| Tier2\_Zip code | Zip code | Number (No decimal) | Zip Code | Yes |
| Tier2\_Name | CustomerName | varchar2(500) | avoid spaces at the beginning  and if include commas put double quotes in the field | Yes |
| Telephone Number | TelephoneNumber | varchar2(500) | Format : (99999)999-99-99 example: (01821)214-37-78 if is more than one phone numbers please use "/" as separator. example: (01821)214-37-78/(4455)5252-93-45 please add column in the output file even is empty | No |
| ManufacturerPartNumber | ProductPartNumber | varchar2(500) | A Unique identifier of product | Yes |
| PartDescription | ProductPartDescription | varchar2(500) | please add column in the output file even is empty | No |
| Quantity Shipped | QuantityShipped | Number (No decimal) | No negative numbers since the transaction type is used to identify if is a RMA or cancelation | Yes |
| Unit Price | UnitPrice | Number( 6 decimals) |  | Yes |
| Currency code | CurrencyCode | varchar2(10) | MXP = Pesos USD = US Dollars | Yes |
| Marketing configuration | MarketingConfiguration | varchar2(500) | please add column in the output file even is empty | No |
| Serial Number | SerialNumber | varchar2(500) | if there is more than 1 serial number related to the same invoice, part please separate with a point character : "." please add column in the output file even is empty | No |
| Transaction Type | Transaction Type | varchar2(500) | values :  81: RMA, cancelations 380 : Invoice | Yes |
| Original Transaction ID | OriginalTransactionId | varchar2(500) |  | No |
| Original Transaction Date | OriginalTransactionDate | Date (DD/MM/YYYY) |  | No |

* + 1. **Control /Feed Balance File**

A feed balancing file will be placed along with the respective MD input file which the details as follows

File Details

Name - DMO\_<**MD\_VATID**>\_<**FILE\_SEQ\_NO**>\_Sellout\_feedbal.csv

Delimiter – comma

File Type – MD Feed Bal

|  |  |  |
| --- | --- | --- |
| File Name | Record Count | Load Date |
| Actual Name of the Feed File  e.g DMO\_**83728**\_**000001\_**Sellout.csv | No of records in Feed File excluding header  e.g 48 | Date (DD/MM/YYYY)  e.g 23/01/2014 |

* 1. **User List Summary**



Internal to Xerox Network

|  |  |  |
| --- | --- | --- |
| User Name | Home Directory | User Type |
| DMO\_ISCW | /u25/ftp/ISRVE\_FEEDS\_IN/DMO\_PPM/ISCW/ | ISC |
| DMO\_ISCE | /u25/ftp/ISRVE\_FEEDS\_IN/DMO\_PPM/ISCE/ |
| DMO\_ERP | /u25/ftp/ISRVE\_FEEDS\_IN/DMO\_PPM/MEXICO/ERP/ | ERP |

External to Xerox Network

SFT Server: sftna.xerox.com

External IP: 13.13.56.100

Port: 22



|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **PMG #** | **First Name** | **Last Name** | **Company (Optional)** | **Supplier ID** |
| 207716 | DMO | IMMX | Ingram MIcro Mexico SA DE CV | q4L7CCP4 |
| 207716 | DMO | ADMS | AZERTY DE MEXICO SA DE CV | q4L7CJ8V |
| 207716 | DMO | CTIN | CT Internacional Del Noroeste S DE CV | q4L7CP1T |
| 207716 | DMO | DTEK | Grupo Daisytek S.A. De C.V | q4L7CSR5 |
| 207716 | DMO | DCMY | DC Mayorista SA de CV | q4L7D3H8 |
| 207716 | DMO | EDNS | Exel Del Norte Sa PI DE CV | q4L7D8SV |

1. Root Directory - DMO\_PPM

*(Not Visible Externally)*

1. Sub Directory - DMO\_PPM/MEXICO

*(Not Visible Externally)*

1. under MEXICO sub directories exist

*(Not Visible Externally)*

* DMO\_ADMS
* DMO\_CTIN
* DMO\_DTEK
* DMO\_DCMY
* DMO\_EDNS
* DMO\_IMMX

1. Under each of the 6 sub directory under point 3, the following structure is created.

*(Visible)*

* PROD
* TEST

1. Under each of the 2 sub directory under point 4, the following structure is created.

*(Visible)*

* INBOUND
* OUTBOUND
* ARCHIVE

1. Read, write, delete access to respective user account and to their directory and sub directory only

* For user DMO\_ADMS - DMO\_PPM/MEXICO/DMO\_ADMS
* For user DMO\_CTIN - DMO\_PPM/MEXICO/DMO\_CTIN
* For user DMO\_DTEK - DMO\_PPM/MEXICO/DMO\_DTEK
* For user DMO\_DCMY - DMO\_PPM/MEXICO/DMO\_DCMY
* For user DMO\_EDNS - DMO\_PPM/MEXICO/DMO\_EDNS
* For user DMO\_IMMX - DMO\_PPM/MEXICO/DMO\_IMMX
  1. **File Level Validations**

For each and every file that exists in the INPUT directory/ies above from DMO feed owners being processed the following checks will be made.

The sequence number in the file name will be checked against the FILE\_TRACK table in DMODM schema to ensure:

1. That this file has not been successfully processed before.
2. That the feed owners have sent all files and that none have been lost.
3. That the input sequence number should not be 5 more than the last sequence number in file\_track table for that particular format of file
4. If a file with the same name has been successfully processed before it is considered a DUPLICATE and will not be processed – it will be rejected and moved to the ERROR directory.
5. No insert will be made in the FILE\_TRACK table for duplicate files.
6. Duplicate files are rejected with error code.
7. An error file will be created which will contain the error code.
8. The original input file will also be moved to the ERROR folder.
9. If file is rejected as a duplicate, nothing is written to the FILE\_TRACK table but an email is sent to the batch user group to advise that the file has not run.
10. The log file will display the error message “This is a duplicate file that has been processed previously.” in this case.
11. If the file with the same name has been received before but was not processed successfully - it is assumed that the file has been sent for re-processing - it will be processed normally.
12. The file\_track entry is updated at the start of processing and on successful completion.

After successful processing, the file will be moved to the $ARCHIVE\_DIR directory. Although it should never happen that a file with the same name already exists in $ARCHIVE\_DIR

* 1. **File Level Validations: No data from the rejected file will be present in reporting**

|  |  |  |
| --- | --- | --- |
| ERROR NO | VALIDATION | COMMENTS |
| FERR:1010 | File is empty | File is rejected when it does not contain any records. File would only have header information. |
| FERR:2020 | Sequence number in the file name is not numeric | All file should contain 6 digit sequence, which would uniquely identify the file. |
| FERR:4040 | Feedbal is not readable please correct permissions and re-process this file | Access issue due to incorrect placement of feed file to EBIP servers. |
| FERR:4041 | Feed Balance Entry Missing | Feed balance file missing. |
| FERR:4042 | Feed Balance Record Count Mismatch | Feed balance count not matching the number of records in the file. |

* 1. **Column Level Validations**

**Sell-In Rejections 🡺 ERP:**

**Rejected records will not be available in reports. They must be corrected and re- loaded per the defined process (See Feed File Format Document Section 1.7.1-1.7.4)**

|  |  |  |
| --- | --- | --- |
| COLUMN NAME | VALIDATION | RECORDS REJECTED |
| VATID | is VATID blank | When VATID is not available. |
| Invalid Vat Id | When the partner is not available in PNP. |
| More than one Partner in PNP | When there are more than one Partner exists in PNP for same VATID. |
| CUSTOMER NAME | is Customer Name blank | When Customer Name is not available. |
| ORDER TYPE | is Order Type blank | When Order Type is not available. |
| Invalid Order Type for ERP | There will not be any validations for Order Types coming in from ERP Files and DMO process would only check for NULL Order Types for ERP files. This is for RFC-1395553. |
| SALES ORDER | is Sales Order blank | When Sales Order number is not available. |
| is Sales Order non-numeric | When Sales Order number has non-numeric values. |
| ORDER CREATION DATE | is Order creation date blank | When Order creation date is not available. |
| is Order creation date not a date | When Order creation date does not contain proper date. |
| ORDER STATUS | is Order Status blank | When Order Status is not available. |
| SALES ORDER LINE | is Sales Order Line blank | When Sales Order Line is not available. |
| LINE STATUS | is Line Status blank | When Line Status is not available. |
| PART NUMBER | is Part Number blank | When Part Number is not available. |
| QUANTITY | is Quantity blank | When Quantity is not available. |
| is Quantity non-numeric | When Quantity has non-numeric values. |
| SALES PRICE | is Sales Price blank | When Sales Price is not available. |
| Distinct Sales Price for same line item | When there are Distinct Sales Prices for same line item. |
| is Sales Price non-numeric | When Sales Price has non-numeric values. |
| is Sales Price Negative | When Sales Price has negative values. |
| TRANSFER PRICE | is Transfer Price non-numeric | When Transfer Price has non-numeric values. |
| DMO ISC INVOICE DATE | is Dmo Isc Invoice not a date | When Dmo Isc Invoice date does not contain proper date. |
| CURRENCY | is Currency blank | When Currency is not available. |
| CUSTOMER INVOICE DATE | is Customer invoice date not a date | When Customer invoice date does not contain proper date. |
| CUSTOMER INVOICE FIELDS | are CUSTOMER INVOICE FIELDS blank | When CUSTOMER INVOICE FIELDS are blank for CLOSED ORDERLINE |

**Sell-In Rejections 🡺 ISC: Rejected records will not be available in reports. They must be corrected and re- loaded per the defined process (See Feed File Format Document Section 1.7.1-1.7.4)**

|  |  |  |
| --- | --- | --- |
| COLUMN NAME | VALIDATION | RECORDS REJECTED |
| MD NAME | is MD Name blank | When MD Name is not available. |
| Invalid MD Name | When the partner is not available in PNP. |
| More than one Partner in PNP | When there are more than one Partner exists in PNP for same VATID. |
| COUNTRY CODE | is Country Code blank | When Country Code is not available. |
| ORDER TYPE | is Order Type blank | When Order Type is not available. |
| Invalid Order Type | When the Order Type does not match the available list of Order Types. |
| SALES ORDER | is Sales Order blank | When Sales Order number is not available. |
| DMO ISC ORDER | is DMO ISC Order blank | When DMO ISC Order is not available. |
| SALES ORDER LINE | is Sales Order Line blank | When Sales Order Line is not available. |
| LINE STATUS | is Line Status blank | When Line Status is not available. |
| ORDER CREATION DATE | is Order creation date blank | When Order creation date is not available. |
| is Order creation date not a date | When Order creation date does not contain proper date. |
| ORDER STATUS | is Order Status blank | When Order Status is not available. |
| CURRENCY | is Currency blank | When Currency is not available. |
| PART NUMBER | is Part Number blank | When Part Number is not available. |
| RETURNFLAG | is Return Flag not "Y" or Blank | When Return flag is NOT "Y" or Blank |
| INVOICE DATE | is Invoice not a proper date | When Invoice date does not contain proper date. |
| QUANTITY | is Quantity blank | When Quantity is not available. |
| is Quantity non-numeric | When Quantity has non-numeric values. |
| SALES PRICE | is Sales Price blank | When Sales Price is not available. |
| Distinct Sales Price for same line item | When there are Distinct Sales Prices for same line item. |
| is Sales Price non-numeric | When Sales Price has non-numeric values. |
| is Sales Price Negative | When Sales Price has negative values. |
| TRANSFER PRICE | is Transfer Price non-numeric | When Transfer Price has non-numeric values. |
| INVOIVE NUMBER INVOICE DATE | These column cannot be blank when Line Status is "CLOSED" | When Line Status is CLOSED and Invoice Number or Invoice Date is blank. |

**Sell-Out Rejections 🡺 Rejected records will not be available in reports. They must be corrected and re- loaded.**

|  |  |  |
| --- | --- | --- |
| COLUMN NAME | VALIDATION | REJECTED |
| MD NAME | Invalid MD Name | When the partner is not available in PNP. |
| INVOICE NUMBER | is Invoice Number blank | When Invoice Number is not available. |
| INVOICE DATE | is Invoice not a proper date | When Invoice date does not contain proper date. |
| VAT ID | is VATID blank | When VATID is not available. |
| COUNTRY | is Country blank | When Country is not available. |
| CITY | is City blank | When City is not available. |
| STATE | is State blank | When State is not available. |
| ZIP CODE | is Zip Code blank- Pick up zipcode from the PPM DB by matching VAT ID..Only if VATID is not found in PPM DB,will the record be rejected.If VATID is not available then zipcode is populated as 00000 and process as ERR1003 (VAT ID Not Found) partner exception | No records would be rejected if zipcode is blank or has a special character-This is as per RFC-1395588 |
| CUSTOMER NAME | is Customer Name blank | When Customer Name is not available. |
| PART NUMBER | is Part Number blank | When Part Number is not available. |
| QUANTITY SHIPPED | is Quantity Shipped blank | When Quantity Shipped is not available. |
| is Quantity Shipped non-numeric | When Quantity Shipped has non-numeric values. |
| UNIT PRICE | is Unit Price blank | When Unit Price is not available. |
| is Unit Price non-numeric | When Unit Price has non-numeric values. |
| is Unit Price Negative | When Unit Price has negative values. |
| CURRENCY CODE | is Currency Code blank | When Currency Code is not available. |
| TRANSACTION TYPE | is Transaction Type blank | When Transaction Type is not available. |
| is not 81 or 380 | When Transaction Type is NOT "81" or "380" |
| ORIGINAL TRANSACTION DATE | is Original Transaction Date not a proper date | When Original Transaction Date does not contain proper date. |

**Sell-Out Exceptions 🡺 These records will be made available in the exception reports in PNP. They will not appear in the reporting until exception is updated in PNP.**

|  |  |  |
| --- | --- | --- |
| EXCEPTION TYPE | EXCEPTION CODE | DESCRIPTION |
| Partner Exception | ERR1002 | VAT ID not matching with record in PNP but Name and address are available in PNP. |
| Partner Exception | ERR1003 | VAT ID not available in PNP. |
| Partner Exception | ERR1004 | VAT ID is available but Address not matching with PNP.  Address line is only matched based on Zip Code. |
| Product Exception | ERR1005 | Product not available in PNP.  RFC (1402073) : Business expects that if same Product ID is fed again through the file from same MD, where exception was created and also closed by PNP process, the same Product ID should not be treated as an exception. |
| Product Exception | ERR1006 | EBIP Reopened as Reseller Product Part Id not entered |
| Partner Exception | ERR1007 | EBIP Reopened as Partner VAT ID or Partner ID not found. ERR1003 reopened on revalidation failure. Revalidation is only performed when the PARTNER\_ID is left blank while closing the exception. |
| Partner Exception | ERR1008 | EBIP Reopened as Partner VAT ID is available but Partner Reseller VAT Id and Address (Post Code) combination not found. ERR1004 reopened on revalidation failure. Revalidation is only performed when the PARTNER\_ID is left blank while closing the exception. |



* 1. **Duplicates Validation Process**
     1. ***SELL IN :***

**ISC files:**

* 1. There would be an ideal case for of duplicate values in ISC file
  2. EBIP will identify and report all the duplicate values received in the file.
  3. All the records with same (DMO\_ISC order , Sales Order, Sales Order line ,Invoice number) would be considered as duplicates.
  4. All duplicates records would be identified and would be rejected as part of data format validation process for ISC files and would be reported for correction with appropriate error message.
  5. The current process will remain same for full roll-out as well.

**ERP files:**

1. There would be an ideal case for of duplicate values in ERP file
2. EBIP will identify and report all the duplicate values received in the file.
3. All the records with same (DMO\_ISC order , Sales Order, Sales Order line ,Customer Invoice number) would be considered as duplicates.
4. All duplicates records would be identified and would be rejected as part of data format validation process for ERP files and would be reported for correction with appropriate error message.
5. The current process will remain same for full roll-out as well.
   * 1. ***Sell Out:***
6. There would be no unique constraint for the MD files.
7. Invoice Number for RMA would be different and no business requirement to tag this RMA invoice with the original invoice.
8. No updates are expected for any invoice number.
9. In case of updates scenario, MD sends it as an RMA for the same and proceeds with the updated values on a new invoice.
10. In case if duplicates are received EBIP will not perform any validations and process all duplicate records; MDs will ensure/take the ownership that no duplicates arrive.
11. The current process will remain same for full roll-out as well.
    1. **Staging Area 1 - Load File and Mirror PNP data**




    7. 1. ***DMO\_SELL\_IN\_ERP\_STG***

This would be insert only table, daily ERP Sell In file data from its respective external table would be inserted into this table.

Table Details

|  |  |  |  |
| --- | --- | --- | --- |
| Table Logical Type | Table Name | Schema | New/Existing |
| Staging | DMO\_SELL\_IN\_ERP\_STG | DMODW | New |

Columns Details

|  |  |  |  |
| --- | --- | --- | --- |
| DB Column Name | Data Type | Staging 1 | Columns Comments |
| PARTNER\_ID | NUMBER(10) |  | Partner Id of MD, unique identifier in PNP |
| VAT\_ID | NVARCHAR2(500) |  | MD Vat ID |
| CUSTOMER\_NAME | NVARCHAR2(500) |  | MD Name |
| ORDER\_TYPE | NVARCHAR2(500) |  | Order Type (Offshore/Onshore) |
| SALES\_ORDER | NVARCHAR2(500) |  | Sales Order Number |
| ORDER\_CREATION\_DATE | DATE |  | Sales Order Creation Date |
| ORDER\_STATUS | NVARCHAR2(500) |  | Status of the Order |
| DMO\_ISC\_ORDER | NVARCHAR2(500) |  | DMO ISC Order Number |
| SALES\_ORDER\_LINE | NVARCHAR2(500) |  | Order Line Number |
| LINE\_STATUS | NVARCHAR2(500) |  | Order Line Status |
| PART\_NUMBER | NVARCHAR2(500) |  | Part Number |
| RETURN\_FLAG | NVARCHAR2(500) |  | Return Flag |
| QUANTITY | NVARCHAR2(500) |  | Quantity |
| SALES\_PRICE | NVARCHAR2(500) |  | Sales Price |
| TRANSFER\_PRICE | NVARCHAR2(500) |  | Transfer Price/Cost |
| TAX | NVARCHAR2(500) |  | Tax |
| DMO\_ISC\_INVOICE | NVARCHAR2(500) |  | DMO ISC Invoice Number |
| DMO\_ISC\_INVOICE\_DATE | DATE |  | DMO ISC Invoice Date |
| CURRENCY | NVARCHAR2(500) |  | Currency Code |
| CUSTOMER\_INVOICE | NVARCHAR2(500) |  | Customer Invoice Number |
| CUSTOMER\_INVOICE\_DATE | NVARCHAR2(500) |  | Customer Invoice Date |
| FILE\_NAME | NVARCHAR2(500) |  | ERP |
| FILE\_SEQ | CHAR(6) |  | File Sequence Number Generated at ERP side |
| LOAD\_DATE | DATE |  | Date when the record is loaded from the file to Stage table |
| REJECT\_REASON | VARCHAR2 |  | Column contains all the data format violations and errors if any |

Source Mapping

|  |  |  |
| --- | --- | --- |
| DMO\_SELL\_IN\_ERP\_STG | Source Table | Source Column Name |
| PARTNER\_ID | DMODM.DMO\_PARTNER\_MASTER\_d | PARTNER\_ID |
| VAT\_ID | DMO\_SELL\_IN\_ERP\_EXT | VAT\_ID |
| MD\_NAME | DMO\_SELL\_IN\_ERP\_EXT | MD\_NAME |
| ORDER\_TYPE | DMO\_SELL\_IN\_ERP\_EXT | ORDER\_TYPE |
| SALES\_ORDER | DMO\_SELL\_IN\_ERP\_EXT | SALES\_ORDER |
| ORDER\_CREATION\_DATE | DMO\_SELL\_IN\_ERP\_EXT | ORDER\_CREATION\_DATE |
| ORDER\_STATUS | DMO\_SELL\_IN\_ERP\_EXT | ORDER\_STATUS |
| DMO\_ISC\_ORDER | DMO\_SELL\_IN\_ERP\_EXT | DMO\_ISC\_ORDER |
| SALES\_ORDER\_LINE | DMO\_SELL\_IN\_ERP\_EXT | SALES\_ORDER\_LINE |
| LINE\_STATUS | DMO\_SELL\_IN\_ERP\_EXT | LINE\_STATUS |
| PART\_NUMBER | DMO\_SELL\_IN\_ERP\_EXT | PART\_NUMBER |
| RETURN\_FLAG | DMO\_SELL\_IN\_ERP\_EXT | RETURN\_FLAG |
| QUANTITY | DMO\_SELL\_IN\_ERP\_EXT | QUANTITY |
| SALES\_PRICE | DMO\_SELL\_IN\_ERP\_EXT | SALES\_PRICE |
| TRANSFER\_PRICE | DMO\_SELL\_IN\_ERP\_EXT | TRANSFER\_PRICE |
| TAX | DMO\_SELL\_IN\_ERP\_EXT | TAX |
| DMO\_ISC\_INVOICE | DMO\_SELL\_IN\_ERP\_EXT | DMO\_ISC\_INVOICE |
| DMO\_ISC\_INVOICE\_DATE | DMO\_SELL\_IN\_ERP\_EXT | DMO\_ISC\_INVOICE\_DATE |
| CURRENCY | DMO\_SELL\_IN\_ERP\_EXT | CURRENCY |
| CUSTOMER\_INVOICE | DMO\_SELL\_IN\_ERP\_EXT | CUSTOMER\_INVOICE |
| CUSTOMER\_INVOICE\_DATE | DMO\_SELL\_IN\_ERP\_EXT | CUSTOMER\_INVOICE\_DATE |
| FILE\_NAME | DMO\_SELL\_IN\_ERP\_EXT | FILE\_NAME |
| FILE\_SEQ | DMO\_SELL\_IN\_ERP\_EXT | FILE\_SEQ |
| LOAD\_DATE |  | “SYSDATE” |
| REJECT\_REASON |  | Format Error Description |

* + 1. ***DMO\_SELL\_IN\_ISC\_STG***

This would be insert only table, daily ISC Sell In file would be inserted into this table.

Table Details

|  |  |  |  |
| --- | --- | --- | --- |
| Table Logical Type | Table Name | Schema | New/Existing |
| Staging | DMO\_SELL\_IN\_ISC\_STG | DMODW | New |

Columns Details

|  |  |  |  |
| --- | --- | --- | --- |
| DB Column Name | Data Type | Staging 1 | Columns Comments |
| MD\_PARTNER\_ID | NUMBER(10) |  | Partner ID from PNP view, fetched based on MD Name |
| MD\_VAT\_ID | NVARCHAR2(2000) |  | Vat ID from PNP view, fetched based on MD Name |
| MD\_NAME | NVARCHAR2(2000) |  | MD Name |
| COUNTRY\_CODE | NVARCHAR2(2000) |  | Country Code |
| ORDER\_TYPE | VARCHAR2(4000) |  | Order Type (Offshore/Onshore) |
| SALES\_ORDER | NVARCHAR2(2000) |  | Sales Order Number |
| DMO\_ISC\_ORDER | NVARCHAR2(2000) |  | DMO ISC Order Number |
| SALES\_ORDER\_LINE | VARCHAR2(4000) |  | Order Line Number |
| LINE\_STATUS | VARCHAR2(4000) |  | Order Line Status. The sequence of order of line status is provided. Consider the recent line status for each the combination of each dmoiscorder, sales order, salesorderline, invoicenumber. |
| ORDER\_CREATION\_DATE | VARCHAR2(4000) |  | Sales Order Creation Date |
| ORDER\_STATUS | VARCHAR2(4000)) |  | Status of the Order |
| CURRENCY | NVARCHAR2(2000) |  | Currency Code |
| RETURN\_FLAG | VARCHAR2(4000) |  | Return Flag |
| INVOICE\_NUMBER | NVARCHAR2(2000) |  | Invoice Number |
| INVOICE\_DATE | VARCHAR2(4000) |  | Invoice Date |
| PRODUCT\_NUMBER | NVARCHAR2(2000) |  | A Unique identifier of product |
| QUANTITY | VARCHAR2(4000) |  | Quantity |
| SALES\_PRICE | VARCHAR2(4000) |  | Sales Price |
| TRANSFER\_PRICE | VARCHAR2(4000) |  | Transfer Price/Cost |
| FILE\_NAME | NVARCHAR2(500) |  | Name of the file |
| FILE\_SEQ | CHAR(6) |  | File Sequence Number Generated at ISC side |
| LOAD\_DATE | DATE |  | Date when the record is loaded from the file to Stage table |
| REJECT\_REASON | VARCHAR2 |  | Column contains all the data format violations and errors if any |

Order sequence for ERP & ISC orders:

Using the below sequence the most recent line status is picked

The orders sequence depend of the Order Type used to create the Order, so below you can see a general sequence related to Mexico Oracle ERP.

Only as reference:

* **-**  =  **Not applicable**
* **#-a**  =  **Activity in the** **same level**

|  |  |
| --- | --- |
| ERP LINE\_STATUS | Sequence |
| AWAITING RECEIPT | 4 |
| AWAITING SHIPPING | 3-a |
| ENTERED | 1 |
| BACKLOG | - |
| CANCELLED | 5-b |
| PRODUCTION OPEN | - |
| FULFILLED | 10 |
| SHIPPED | 6 |
| CLOSED | 11 |
| AWAITING RETURN | 3-b |
| AWAITING INVOICE INTERFACE - ON HOLD | 5-a |
| BOOKED | 2 |
| INVOICE INTERFACE - NOT APPLICABLE | 7 |
| INTERFACED TO RECEIVABLES | 8 |
| AWAITING FULFILLMENT | 9 |
| SUPPLY ELIGIBLE | - |

Order sequence for ISC orders:

|  |  |
| --- | --- |
| ENTERED | 1 |
| CANCELLED |  |
| PO\_CREATED | 5 |
| AWAITING\_SHIPPING | 7 |
| PRE\_STAGED |  |
| PLANNED |  |
| CLOSED | 9 |
| AWAITING\_RETURN | 2.1 |
| PO\_RECEIVED | 6 |
| BOOKED | 2 |
| PO\_REQ\_CREATED | 4 |
| STAGED |  |
| PO\_PARTIAL |  |
| PICKED | 8 |
| PO\_REQ\_REQUESTED | 3 |

Source Mapping

|  |  |  |
| --- | --- | --- |
| DMO\_SELL\_IN\_ISC\_STG | Source Table | Source Column Name |
| MD\_PARTNER\_ID | DMODM.DMO\_PARTNER\_MASTER\_D | PARTNER\_ID |
| MD\_VAT\_ID | DMODM.DMO\_PARTNER\_MASTER\_D | VAT\_ID |
| MD\_NAME | DMO\_SELL\_IN\_ISC\_EXT | EXT\_MD\_NAME |
| COUNTRY\_CODE | DMO\_SELL\_IN\_ISC\_EXT | EXT\_COUNTRY\_CODE |
| ORDER\_TYPE | DMO\_SELL\_IN\_ISC\_EXT | EXT\_ORDER\_TYPE |
| SALES\_ORDER | DMO\_SELL\_IN\_ISC\_EXT | EXT\_SALES\_ORDER |
| DMO\_ISC\_ORDER | DMO\_SELL\_IN\_ISC\_EXT | EXT\_DMO\_ISC\_ORDER |
| SALES\_ORDER\_LINE | DMO\_SELL\_IN\_ISC\_EXT | EXT\_SALES\_ORDER\_LINE |
| LINE\_STATUS | DMO\_SELL\_IN\_ISC\_EXT | EXT\_LINE\_STATUS |
| ORDER\_CREATION\_DATE | DMO\_SELL\_IN\_ISC\_EXT | EXT\_ORDER\_CREATION\_DATE |
| ORDER\_STATUS | DMO\_SELL\_IN\_ISC\_EXT | EXT\_ORDER\_STATUS |
| CURRENCY | DMO\_SELL\_IN\_ISC\_EXT | EXT\_CURRENCY |
| PART\_NUMBER | DMO\_SELL\_IN\_ISC\_EXT | EXT\_PART\_NUMBER |
| RETURN\_FLAG | DMO\_SELL\_IN\_ISC\_EXT | EXT\_RETURN\_FLAG |
| INVOICE\_NUMBER | DMO\_SELL\_IN\_ISC\_EXT | EXT\_INVOICE\_NUMBER |
| INVOICE\_DATE | DMO\_SELL\_IN\_ISC\_EXT | EXT\_INVOICE\_DATE |
| PRODUCT\_PART\_NUMBER | DMO\_SELL\_IN\_ISC\_EXT | EXT\_PRODUCT\_PART\_NUMBER |
| QUANTITY | DMO\_SELL\_IN\_ISC\_EXT | EXT\_QUANTITY |
| SALES\_PRICE | DMO\_SELL\_IN\_ISC\_EXT | EXT\_SALES\_PRICE |
| TRANSFER\_PRICE | DMO\_SELL\_IN\_ISC\_EXT | EXT\_TRANSFER\_PRICE |
| FILE\_NAME | DMO\_SELL\_IN\_ISC\_EXT | FILE\_NAME |
| FILE\_SEQ | DMO\_SELL\_IN\_ISC\_EXT | FILE\_SEQ |
| LOAD\_DATE |  | “SYSDATE” |
| REJECT\_REASON |  | Format Error Description |

* + 1. ***DMO\_SELL\_OUT\_STG***

This would be insert only table, daily Sell Out files from MDs would be inserted into this table.

Table Details

|  |  |  |  |
| --- | --- | --- | --- |
| Table Logical Type | Table Name | Schema | New/Existing |
| Staging | DMO\_SELL\_OUT \_STG | DMODW | New |

Columns Details

|  |  |  |  |
| --- | --- | --- | --- |
| DB Column Name | Data Type | Staging 1 | Columns Comments |
| INVOICE\_NUMBER | NVARCHAR2(4000) |  | Invoice Number |
| INVOICE\_DATE | NVARCHAR2(4000) |  | Invoice Date |
| VAT\_ID | NVARCHAR2(2000) |  | Reseller VAT Id |
| ADDRESS | NVARCHAR2(2000) |  | Reseller Address |
| COUNTRY\_CODE | NVARCHAR2(2000) |  | Reseller Country Code |
| CITY | NVARCHAR2(2000) |  | Reseller City |
| STATE | NVARCHAR2(2000) |  | Reseller State |
| ZIPCODE | NVARCHAR2(2000) |  | Reseller Zipcode . If Zipcode is not available from MD file then consider from PNP (PARTNER MASTER) using VAT\_ID. IF VAT\_ID is not available then raise an exception for VAT\_ID and mark default zip code as ‘0000’. |
| CUSTOMER\_NAME | NVARCHAR2(2000) |  | Reseller Name |
| PHONE\_NUMBER | VARCHAR2(4000) |  | Reseller Telephone Number |
| PRODUCTPART\_NUMBER | NVARCHAR2(2000) |  | Unique Identifier for Product. Consider the corresponding ‘Reseller product part id’ which is the corrected product part Id (from PRODUCT EXCEPTION) for the ‘product part Id’ from MD. If not, then update the product part ID of MD. If both ‘Product part Id ‘from MD and ‘reseller product part id’ from Product exception of the product is not available then raise an exception. |
| PRODUCTPART\_DESCRIPTION | NVARCHAR2(2000) |  | Product Description |
| QUANTITY\_SHIPPED | VARCHAR2(4000) |  | Quantity |
| UNIT\_PRICE | VARCHAR2(4000) |  | Price per Unit |
| CURRENCY\_CODE | VARCHAR2(4000) |  | Currency Code |
| MARKETTING\_CONFIGURATION | VARCHAR2(4000) |  | Marketing Configuration |
| SERIAL\_NUMBER | VARCHAR2(4000) |  | Serial Number |
| TRANSACTION\_TYPE | VARCHAR2(4000) |  | Transaction Type Number |
| ORIGINAL\_TRANSACTION\_ID | VARCHAR2(4000) |  | Original Transaction Id , applies for RMA (return) transactions |
| ORIGINAL\_TRANSACTION\_DATE | VARCHAR2(4000) |  | Original Transaction date , applies for RMA (return) transactions |
| MD\_VAT\_ID | CHAR |  | VAT ID of MD as derived from file Name |
| MD \_NAME | NVARCHAR2(255) |  | Name of MD as retrieved from PNP. |
| PARTNER\_ID | Number(10) |  | Partner Id from PNP using Vat ID |
| FILE\_NAME | NVARCHAR2(500) |  | Name of the file |
| FILE\_SEQ | CHAR6 |  | File Sequence Number Generated at MD side |
| LOAD\_DATE | DATE |  | Date when the record is loaded from the file to Stage table |
| REJECT\_REASON | VARCHAR2 |  | Column contains all the data format violations and errors if any |

Source Mapping

|  |  |  |
| --- | --- | --- |
| SELL\_OUT\_STG | Source Table | Source Column Name |
| INVOICE\_NUMBER | DMO\_SELL\_OUT\_EXT | INVOICE\_NUMBER |
| INVOICE\_DATE | DMO\_SELL\_OUT\_EXT | INVOICE\_DATE |
| VAT\_ID | DMO\_SELL\_OUT\_EXT | VAT\_ID |
| ADDRESS | DMO\_SELL\_OUT\_EXT | ADDRESS |
| COUNTRY\_CODE | DMO\_SELL\_OUT\_EXT | COUNTRY\_CODE |
| CITY | DMO\_SELL\_OUT\_EXT | CITY |
| STATE | DMO\_SELL\_OUT\_EXT | STATE |
| ZIPCODE | DMO\_SELL\_OUT\_EXT | ZIPCODE |
| CUSTOMER\_NAME | DMO\_SELL\_OUT\_EXT | CUSTOMER\_NAME |
| TELEPHONE\_NUMBER | DMO\_SELL\_OUT\_EXT | TELEPHONE\_NUMBER |
| PRODUCTPART\_NUMBER | DMO\_SELL\_OUT\_EXT | PRODUCTPART\_NUMBER |
| PRODUCTPART\_DESCRIPTION | DMO\_SELL\_OUT\_EXT | PRODUCTPART\_DESCRIPTION |
| QUANTITY\_SHIPPED | DMO\_SELL\_OUT\_EXT | QUANTITY\_SHIPPED |
| UNIT\_PRICE | DMO\_SELL\_OUT\_EXT | UNIT\_PRICE |
| CURRENCY\_CODE | DMO\_SELL\_OUT\_EXT | CURRENCY\_CODE |
| MARKETTING\_CONFIGURATION | DMO\_SELL\_OUT\_EXT | MARKETTING\_CONFIGURATION |
| SERIAL\_NUMBER | DMO\_SELL\_OUT\_EXT | SERIAL\_NUMBER |
| TRANSACTION\_TYPE | DMO\_SELL\_OUT\_EXT | TRANSACTION\_TYPE |
| ORIGINAL\_TRANSACTION\_ID | DMO\_SELL\_OUT\_EXT | ORIGINAL\_TRANSACTION\_ID |
| ORIGINAL\_TRANSACTION\_DATE | DMO\_SELL\_OUT\_EXT | ORIGINAL\_TRANSACTION\_DATE |
| MD\_VAT\_ID | DMO\_SELL\_OUT\_EXT | MD\_VAT\_ID |
| MD \_NAME | DMDODM.DMO\_PARTNER\_MASTER\_D | NAME |
| MD\_PARTNER\_ID | DMDODM.DMO\_PARTNER\_MASTER\_D | PARTNER\_ID |
| FILE\_NAME | DMO\_SELL\_OUT\_EXT | FILE\_NAME |
| FILE\_SEQ | DMO\_SELL\_OUT\_EXT | FILE\_SEQ |
| LOAD\_DATE |  | “SYSDATE” |
| REJECT\_REASON |  | Format Error Description |

* + 1. ***DMO\_MARKETSEGMENT\_LOB\_LT***

This would be a one- time load providing the active and inactive combinations for Market Segment and Line of Business.

Table Details

|  |  |  |  |
| --- | --- | --- | --- |
| Table Logical Type | Table Name | Schema | New/Existing |
| Staging | DMO\_MARKETSEGMENT\_LOB\_LT | ISRVE\_DMO\_DW | New |

Columns Details

|  |  |  |  |
| --- | --- | --- | --- |
| DB Column Name | Data Type | Staging1 | Columns Comments |
| SEGMENT\_LOB\_SEQID | NUMBER(10) |  | Seq Key generated at EBIP side |
| PARTNER\_ID | NUMBER(10) |  | Partner ID |
| MARKET\_SEGMENT | NVARCHAR2(500) |  | Market Segment |
| LINE\_OF\_BUSINESS | DATE( DD/MM/YYYY) |  | Line of Business |
| CHANNEL\_TIER | NVARCHAR2(500) |  | Gold/Elite/Platinum etc. |
| ACTIVE\_FLAG | NVARCHAR2(500) |  | Y/N |

* + 1. ***DMO\_USER\_PROFILE\_MIR***

This staging table contains the Real Time User Profile data from PNP Source view.

Table Details

|  |  |  |  |
| --- | --- | --- | --- |
| Table Logical Type | Table Name | Schema | New/Existing |
| Staging | DMO\_USER\_PROFILE\_MIR | DMODW | New |

Columns Details

|  |  |  |  |
| --- | --- | --- | --- |
| DB Column Name | Data Type | Staging 1 | Columns Comments |
| USER\_ID | NUMBER(10) |  | User id |
| S3\_ID | NVARCHAR2(50) |  | User s3 id |
| USER\_NAME | NVARCHAR2(50) |  | Username |
| FIRST\_NAME | NVARCHAR2(255) |  | User first name |
| LAST\_NAME | NVARCHAR2(255) |  | User last name |
| EMAIL | NVARCHAR2(255) |  | User mail id |
| USER\_TYPE | NVARCHAR2(50) |  | Country or HQ |
| POWER\_USER\_FLAG | VARCHAR2(1) |  | This is used to check whether a user is a power user or not and it has the value Y or N |
| COUNTRY\_ID | NUMBER(10) |  | Country id of the user |
| PHONE | NVARCHAR2(50) |  | Phone number of the user |
| MOBILE | NVARCHAR2(50) |  | Mobile number of the user |
| FAX | NVARCHAR2(50) |  | Fax number of the user |
| LANGUAGE\_PREFERENCE | NVARCHAR2(10) |  | Preferred language of the user |
| CREATION\_USER | CHAR(9) |  | Created By |
| CREATION\_DATETIME | DATE |  | Date and Time of creation |

Source Mapping

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| DMO\_USER\_PROFILE\_MIR | Source Table | Source Column Name | View name | View Column Name |
| USER\_ID | USER | ID | VEBIP\_UserProfile | UserId |
| S3\_ID | USER | S3ID | VEBIP\_UserProfile | S3ID |
| USER\_NAME | USER | Username | VEBIP\_UserProfile | Username |
| FIRST\_NAME | USER | Firstname | VEBIP\_UserProfile | Firstname |
| LAST\_NAME | USER | Lastname | VEBIP\_UserProfile | Lastname |
| EMAIL | USER | Email | VEBIP\_UserProfile | Email |
| USER\_TYPE | USERTYPE | UserType | VEBIP\_UserProfile | UserType |
| POWER\_USER\_FLAG | USER | PowerUserYN | VEBIP\_UserProfile | PowerUserYN |
| COUNTRY\_ID | USER | CountryId | VEBIP\_UserProfile | CountryId |
| PHONE | USER | Phone | VEBIP\_UserProfile | Phone |
| MOBILE | USER | Mobile | VEBIP\_UserProfile | Mobile |
| FAX | USER | Fax | VEBIP\_UserProfile | Fax |
| LANGUAGE\_PREFERENCE | COUNTRY | LanguageCode | VEBIP\_UserProfile | LanguagePreference |
| **Join Condition’s (If Any)** NA | | |  |  |

* + 1. ***DMO\_USER\_ROLE\_MIR***

This staging table contains the Real Time User Role data from PNP View.

Table Details

|  |  |  |  |
| --- | --- | --- | --- |
| Table Logical Type | Table Name | Schema | New/Existing |
| Staging | DMO\_USER\_ROLE\_MIR | DMODW | New |

Columns Details

|  |  |  |  |
| --- | --- | --- | --- |
| DB Column Name | Data Type | Staging 1 | Columns Comments |
| USER\_OP\_AREA\_ROLE\_ID | NUMBER(10) |  | Unique identifier for user role in operation area. |
| USER\_ROLE\_ID | NUMBER(10) |  | User role id |
| USER\_ID | NUMBER(10) |  | User id |
| OPERATION\_AREA\_NAME | VARCHAR2(50) |  | Name of the user’s operation area |
| OPERATION\_AREA\_TYPE\_NAME | NVARCHAR2(50) |  | Type name of the operation area |
| MANAGER\_USER\_ID | NUMBER(10) |  | Manager user id |
| MANAGER\_ROLE\_NAME | VARCHAR2(50) |  | Manager role name |
| ROLE\_NAME | VARCHAR2(50) |  | User role name |
| COUNTRY\_ID | NUMBER(10) |  | Country ID |
| CREATION\_USER | CHAR(9) |  | Created By |
| CREATION\_DATETIME | DATE |  | Date and Time of creation |

Source Mapping

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| DMO\_USER\_ROLE\_MIR | Source Table | Source Column Name | View name | View Column Name |
| USER\_OP\_AREA\_ROLE\_ID | UserOpAreaRole | UserOpAreaRoleId | VEBIP\_UsersRole | UserOpAreaRoleId |
| USER\_ROLE\_ID | UserOpAreaRole | RoleId | VEBIP\_UsersRole | User\_Role\_ID |
| USER\_ID | Users | Id | VEBIP\_UsersRole | User\_ID |
| OPERATION\_AREA\_NAME | OperationArea | ENName | VEBIP\_UsersRole | Operation\_Area\_Name |
| OPERATION\_AREA\_TYPE\_NAME | OpearationAreaType | ENName | VEBIP\_UsersRole | Operation\_Area\_Type\_Name |
| MANAGER\_USER\_ID | UserOpAreaRole | ManagerUserId | VEBIP\_UsersRole | ManagerUserId |
| MANAGER\_ROLE\_NAME | Roles | ENName | VEBIP\_UsersRole | Manager\_Role\_Name |
| ROLE\_NAME | Roles | ENName | VEBIP\_UsersRole | Role\_Name |
| COUNTRY\_ID | Country | CountryId | VEBIP\_UsersRole | CountryId |
| **Join Condition’s (If Any)** NA | | |  |  |

* + 1. ***DMO\_USER\_HIERARCHY\_MIR***

This staging table contains the Real Time User Hierarchy data from PNP view.

Table Details

|  |  |  |  |
| --- | --- | --- | --- |
| Table Logical Type | Table Name | Schema | New/Existing |
| Staging | DMO\_USER\_HIERARCHY\_MIR | DMODW | New |

Columns Details

|  |  |  |  |
| --- | --- | --- | --- |
| DB Column Name | Data Type | Staging 1 | Columns Comments |
| DIRECTOR\_NAME | NVARCHAR2(255) |  | Director Name ( Firstname) |
| DIRECTOR\_ID | NUMBER(10) |  | User Id of Director |
| DIRECTOR\_S3\_ID | NVARCHAR2(50) |  | S3 Id of Director |
| DIRECTOR\_COUNTRY\_NAME | NVARCHAR2(50) |  | Specifies the country which comes under Director’s supervision |
| MANAGER\_NAME | NVARCHAR2(255) |  | Manager Name(Firstname) |
| MANAGER\_ID | NUMBER(10) |  | User Id of Manager |
| MANAGER\_S3\_ID | NVARCHAR2(50) |  | S3 Id of Manager |
| BDM\_NAME | NVARCHAR2(255) |  | BDM Name(Firstname) |
| BDM\_ID | NUMBER(10) |  | User Id of BDM |
| BDM\_S3\_ID | NVARCHAR2(50) |  | S3 Id of BDM |
| BDE\_NAME | NVARCHAR2(255) |  | BDE Name(Firstname) |
| BDE\_ID | NUMBER(10) |  | User Id of BDE |
| BDE\_S3\_ID | NVARCHAR2(50) |  | S3 Id of BDE |
| PM\_NAME | NVARCHAR2(255) |  | PM Name(Firstname) |
| PM\_ID | NUMBER(10) |  | User Id of PM |
| PM\_S3\_Id | NVARCHAR2(50) |  | S3 Id of PM |
| TLMK\_AGENT | NVARCHAR2(255) |  | TLML Agent Name(Firstname) |
| TLMK\_AGENT\_ID | NUMBER(10) |  | User Id of TLMK Agent |
| TLMK\_AGENT\_S3\_ID | NVARCHAR2(50) |  | S3 Id of TLMK Agent |
| PARTNER\_ID | NUMBER(10) |  | Partner id |
| PARTNER\_NAME | NVARCHAR2(255) |  | Partner name |
| SELL\_IN\_OUT\_FLAG | VARCHAR2(7) |  | Specifies whether the partner is reseller or MD |
| CREATION\_USER | CHAR(9) |  | Created By |
| CREATION\_DATETIME | DATE |  | Date and Time of creation |

Source Mapping

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| DMO\_USER\_HIERARCHY\_MIR | Source Table | Source Column Name | View Name | View Column Name |
| DIRECTOR\_NAME | Users | Username | VEBIP\_UserHierarchy | Director\_Name |
| DIRECTOR\_ID | Users | Id | VEBIP\_UserHierarchy | Director\_Id |
| DIRECTOR\_S3\_ID | Users | S3ID | VEBIP\_UserHierarchy | Director\_S3Id |
| DIRECTOR\_COUNTRY\_NAME | Country | Name | VEBIP\_UserHierarchy | Director\_Country\_Name |
| MANAGER\_NAME | Users | Username | VEBIP\_UserHierarchy | Manager\_Name |
| MANAGER\_ID | Users | Id | VEBIP\_UserHierarchy | Manager\_Id |
| MANAGER\_S3\_ID | Users | S3ID | VEBIP\_UserHierarchy | Manager\_S3Id |
| BDM\_NAME | Users | Username | VEBIP\_UserHierarchy | BDM\_Name |
| BDM\_ID | Users | Id | VEBIP\_UserHierarchy | BDM\_Id |
| BDM\_S3\_ID | Users | S3ID | VEBIP\_UserHierarchy | BDM\_S3Id |
| BDE\_NAME | Users | Username | VEBIP\_UserHierarchy | BDE\_Name |
| BDE\_ID | Users | Id | VEBIP\_UserHierarchy | BDE\_Id |
| BDE\_S3\_ID | Users | S3ID | VEBIP\_UserHierarchy | BDE\_S3Id |
| PM\_NAME | Users | Username | VEBIP\_UserHierarchy | PM\_Name |
| PM\_ID | Users | Id | VEBIP\_UserHierarchy | PM\_Id |
| PM\_S3\_ID | Users | S3ID | VEBIP\_UserHierarchy | PM\_S3Id |
| TLMK\_AGENT | Users | Username | VEBIP\_UserHierarchy | Agent\_Name |
| TLMK\_AGENT\_ID | Users | Id | VEBIP\_UserHierarchy | Agent\_Id |
| TLMK\_AGENT\_S3\_ID | Users | S3ID | VEBIP\_UserHierarchy | Agent\_S3Id |
| PARTNER\_ID | Partner | PartnerId | VEBIP\_UserHierarchy | Partner\_ID |
| PARTNER\_NAME | Partner | Name | VEBIP\_UserHierarchy | Partner\_Name |
| SELL\_IN\_OUT\_FLAG | Partner | PartnerType | VEBIP\_UserHierarchy | Sell\_In\_Out\_Flag |
| **Join Condition’s (If Any) NA** | | | | |

* + 1. ***DMO\_BDE\_TERRITORY\_MIR***

This staging table contains the Real Time BDE and Sale Territory mapping data from PNP view.

Table Details

|  |  |  |  |
| --- | --- | --- | --- |
| Table Logical Type | Table Name | Schema | New/Existing |
| Staging | DMO\_BDE\_TERRITORY\_MIR | DMODW | New |

Columns Details

|  |  |  |  |
| --- | --- | --- | --- |
| DB Column Name | Data Type | Staging 1 | Columns Comments |
| BDE\_ID | NUMBER(10) |  | User id of BDE |
| BDE\_S3\_ID | NVARCHAR2(50) |  | BDE S3 Id |
| USER\_OP\_AREA\_ROLE\_ID | NUMBER(10) |  | Op Area Role Id of BDE |
| SALES\_TERRITORY\_NAME | NVARCHAR2(5) |  | Territory Name |
| COUNTRY\_ID | NUMBER(10) |  | Country ID |
| CREATION\_USER | CHAR(9) |  | Created By |
| CREATION\_DATETIME | DATE |  | Date and Time of creation |

Source Mapping

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| DMO\_BDE\_TERRITORY\_MIR | Source Table | Source Column Name | View Name | View Column Name |
| BDE\_ID | Users | Id | VEBIP\_BDETerritories | BDE\_Id |
| BDE\_S3\_ID | Users | S3ID | VEBIP\_BDETerritories | BDE\_S3\_Id |
| USER\_OP\_AREA\_ROLE\_ID | UserOpAreaRole | UserOpAreaRoleId | VEBIP\_BDETerritories | UserOpAreaRoleId |
| SALES\_TERRITORY\_NAME | SalesTerritory | SalesTerritoryName | VEBIP\_BDETerritories | SalesTerritoryName |
| COUNTRY\_ID | Country | CountryId | VEBIP\_BDETerritories | CountryId |

* + 1. ***DMO\_COUNTRY\_MIR***

This staging table contains the Real Time Country data from PNP view.

Table Details

|  |  |  |  |
| --- | --- | --- | --- |
| Table Logical Type | Table Name | Schema | New/Existing |
| Staging | DMO\_COUNTRY\_MIR | DMODW | New |

Columns Details

|  |  |  |  |
| --- | --- | --- | --- |
| DB Column Name | Data Type | Staging 1 | Columns Comments |
| COUNTRY\_ID | NUMBER(10) |  | Country id |
| COUNTRY\_CODE | NVARCHAR2(10) |  | Country code |
| COUNTRY\_NAME | NVARCHAR2(50) |  | Country name |
| LANGUAGE\_CODE | NVARCHAR2(10) |  | Language code of the country |
| MEASUREMENT\_DAYS | NUMBER(10) |  | specifies the number of days stock can be held or the in stock values |
| TARGET\_DAYS\_ALLOWED | NUMBER(10) |  | Target days allowed |
| AVERAGE\_MARKUP | NUMBER(5,4) |  | Average markup percentage |
| REGION\_ID | NUMBER(10) |  | Region Id |
| REGION\_CODE | NVARCHAR2(25) |  | Region Code |
| REGION\_NAME | NVARCHAR2(25) |  | Region Name |
| CREATION\_USER | CHAR(9) |  | Created By |
| CREATION\_DATE | DATE |  | Date and Time of creation |

Source Mapping

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| DMO\_COUNTRY\_MIR | Source Table | Source Column Name | View Name | View Column Name |
| COUNTRY\_ID | Country | CountryId | VEBIP\_Country | CountryId |
| COUNTRY\_CODE | Country | Code | VEBIP\_Country | Code |
| COUNTRY\_NAME | Country | ENName | VEBIP\_Country | CountryName |
| LANGUAGE\_CODE | Country | Languagecode | VEBIP\_Country | Languagecode |
| MEASUREMENT\_DAYS | CountryParameters | MeasurementDays | VEBIP\_Country | MeasurementDays |
| TARGET\_DAYS\_ALLOWED | CountryParameters | TargetDays | VEBIP\_Country | TargetDays |
| AVERAGE\_MARKUP | CountryParameters | PercentMarkup | VEBIP\_Country | PercentMarkup |
| REGION\_ID | Country | DMORegionId | VEBIP\_Country | DMORegionId |
| REGION\_CODE | DMORegion | Code | VEBIP\_Country | RegionCode |
| REGION\_NAME | DMORegion | ENName | VEBIP\_Country | RegionName |
| **Join Condition’s (If Any)** NA | | |  |  |

* + 1. ***DMO\_CURRENCY\_MIR***

This staging table contains the Real Time Currency data from PNP Source view.

Table Details

|  |  |  |  |
| --- | --- | --- | --- |
| Table Logical Type | Table Name | Schema | New/Existing |
| Staging | DMO\_CURRENCY\_MIR | DMODW | New |

Columns Details

|  |  |  |  |
| --- | --- | --- | --- |
| DB Column Name | Data Type | Staging 1 | Columns Comments |
| COUNTRY\_CURRENCY\_ID | NUMBER(10) |  | Currency id of the country |
| CURRENCY\_CODE | NVARCHAR2(3) |  | Currency code |
| CURRENCY\_NAME | NVARCHAR2(100) |  | Currency name |
| COUNTRY\_ID | NUMBER(10) |  | Country id |
| EXCHANGE\_RATE | NUMBER(10) |  | currency measure metrics (Sale Price and cost) stored in local and USD value using PDR rate |
| FROM\_DATE | DATE |  | Exchange Rate valid from |
| TO\_DATE | DATE |  | Exchange Rate valid till |
| CREATION\_USER | CHAR(9) |  | Created By |
| CREATION\_DATETIME | DATE |  | Date and Time of creation |

Source Mapping

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| DMO\_CURRENCY\_MIR | Source Table | Source Column Name | View Name | View column name |
| COUNTRY\_CURRENCY\_ID | CountryCurrency | CountryCurrencyId | VEBIP\_Currency | CountryCurrencyId |
| CURRENCY\_CODE | CountryCurrency | CurrencyCode | VEBIP\_Currency | CurrencyCode |
| CURRENCY\_NAME | CountryCurrency | Currency | VEBIP\_Currency | Currency |
| COUNTRY\_ID | CountryCurrency | CountryId | VEBIP\_Currency | CountryId |
| EXCHANGE\_RATE | CountryCurrencyExchange | ExchangeRate | VEBIP\_Currency | ExchangeRate |
| FROM\_DATE | CountryCurrencyExchange | FromDate | VEBIP\_Currency | FromDate |
| TO\_DATE | CountryCurrencyExchange | ToDate | VEBIP\_Currency | ToDate |
| **Join Condition’s (If Any)** NA | | |  |  |

* + 1. ***DMO\_TERRITORY\_MIR***

This staging table contains the Real Time Territory data from PNP Source view.

Table Details

|  |  |  |  |
| --- | --- | --- | --- |
| Table Logical Type | Table Name | Schema | New/Existing |
| Staging | DMO\_TERRITORY\_MIR | DMODW | New |

Columns Details

|  |  |  |  |
| --- | --- | --- | --- |
| DB Column Name | Data Type | Staging 1 | Columns Comments |
| TERRITORY\_ID | NUMBER(10) |  | Territory id |
| TERRITORY\_NAME | NVARCHAR2(5) |  | Territory name |
| TERRITORY\_ STATE | NVARCHAR2(200) |  | Territory state |
| TERRITORY\_ REGION | NVARCHAR2(200) |  | Territory region |
| TERRITORY\_ CRITERIA3 | NVARCHAR2(200) |  | Territory criteria3 |
| TERRITORY\_ CRITERIA4 | NVARCHAR2(200) |  | Territory criteria4 |
| COUNTRY\_ID | NUMBER(10) |  | Country Id |
| CREATION\_USER | CHAR(9) |  | Created By |
| CREATION\_DATETIME | DATE |  | Date and Time of creation |

Source Mapping

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| DMO\_TERRITORY\_MIR | Source Table | Source Column Name | View Name | View Column Name |
| TERRITORY\_ID | SalesTerritory | SalesTerritoryId | VEBIP\_Territory | SalesTerritoryId |
| TERRITORY\_NAME | SalesTerritory | SalesTerritory | VEBIP\_Territory | SalesTerritory |
| TERRITORY\_ STATE | SalesTerritory | Criteria1 | VEBIP\_Territory | Criteria1 |
| TERRITORY\_ REGION | SalesTerritory | Criteria2 | VEBIP\_Territory | Criteria2 |
| TERRITORY\_ CRITERIA3 | SalesTerritory | Criteria3 | VEBIP\_Territory | Criteria3 |
| TERRITORY\_ CRITERIA4 | SalesTerritory | Criteria4 | VEBIP\_Territory | Criteria4 |
| COUNTRY\_ID | SalesTerritory | CountryId | VEBIP\_Territory | CountryId |
| **Join Condition’s (If Any)** NA | | |  |  |

* + 1. ***DMO\_PARTNER\_MASTER\_MIR***

This staging table contains the Real Time Partner data from PNP Source view.

Table Details

|  |  |  |  |
| --- | --- | --- | --- |
| Table Logical Type | Table Name | Schema | New/Existing |
| Staging | DMO\_PARTNER\_MASTER\_MIR | DMODW | New |

Columns Details

|  |  |  |  |
| --- | --- | --- | --- |
| DB Column Name | Data Type | Staging 1 | Columns Comments |
| PARTNER\_ID | NUMBER(10) |  | Partner id |
| VAT\_ID | NVARCHAR2(50) |  | Partner Vat ID |
| NAME | NVARCHAR2(255) |  | Partner name |
| ADDRESS | NVARCHAR2(255) |  | Partner address |
| PHONE | NVARCHAR2(50) |  | Partner phone number |
| STATE | NVARCHAR2(50) |  | Partner state |
| CITY | NVARCHAR2(50) |  | Partner city |
| POSTAL\_CODE | NVARCHAR2(50) |  | Partner postal code |
| COUNTRY\_ID | NUMBER(10) |  | Partner country id |
| TERRITORY\_ID | NUMBER(10) |  | Partner territory id |
| ACTIVE | VARCHAR2(1) |  | Indicator whether Partner is Active |
| PARTNER\_TYPE | NVARCHAR2(30) |  | MD or Reseller |
| CHANNEL\_TIER | NVARCHAR2(255) |  | Gold/Silver/Platinum |
| CREATION\_USER | CHAR(9) |  | Created By |
| CREATION\_DATETIME | DATE |  | Date and Time of creation |

Source Mapping

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| DMO\_PARTNER\_MASTER\_MIR | Source Table | Source Column Name | View Name | View Column Name |
| PARTNER\_ID | Partner | PartnerId | VEBIP\_Partner | PartnerId |
| VAT\_ID | Partner | VATid | VEBIP\_Partner | VATid |
| NAME | Partner | Name | VEBIP\_Partner | PartnerName |
| ADDRESS | Partner | Address1 | VEBIP\_Partner | Address1 |
| PHONE | Partner | Phone | VEBIP\_Partner | Phone |
| STATE | Partner | State | VEBIP\_Partner | State |
| CITY | Partner | City | VEBIP\_Partner | City |
| POSTAL\_CODE | Partner | Postcode | VEBIP\_Partner | Postcode |
| COUNTRY\_ID | Partner | CountryId | VEBIP\_Partner | CountryId |
| TERRITORY\_ID | SalesTerritory | SalesTerritoryId | VEBIP\_Partner | SalesTerritoryId |
| ACTIVE | Partner | Active | VEBIP\_Partner | Active |
| PARTNER\_TYPE | Partner | PartnerType | VEBIP\_Partner | PartnerType |
| CHANNEL\_TIER | Partner | Channel\_Tier | VEBIP\_Partner | ChannelTier |
| **Join Condition’s (If Any)** NA | | |  |  |

* + 1. ***DMO\_PARTNER\_MKT\_SEG\_MIR***

This staging table contains the Real Time Partner Market Segment and Active Flag data from PNP Source view.

Table Details

|  |  |  |  |
| --- | --- | --- | --- |
| Table Logical Type | Table Name | Schema | New/Existing |
| Staging | DMO\_PARTNER\_MKT\_SEG\_MIR | DMODW | New |

Columns Details

|  |  |  |  |
| --- | --- | --- | --- |
| DB Column Name | Data Type | Staging1 | Columns Comments |
| PARTNER\_ID | NUMBER(10) |  | Seq Key generated at EBIP side |
| NAME | NVARCHAR2(255) |  | Partner ID |
| PARTNER\_TYPE | NVARCHAR2(30) |  | Market Segment |
| COUNTRY\_ID | NUMBER(10) |  | Line of Business |
| CHANNEL\_TIER | NVARCHAR2(255) |  | Gold/Elite/Platinum/SILVER etc. |
| PARTNER\_MARKETSEGMENT | VARCHAR2(50) |  | Market Segment of Partner |
| BUSINESS\_SEGMENT | NVARCHAR2(75) |  | Business Segment of Partner |
| ACTIVE\_FLAG | VARCHAR2(1) |  | Y/N |
| CREATION\_USER | CHAR(9) |  | Created By |
| CREATION\_DATETIME | DATE |  | Date and Time of creation |







Source Mapping

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| DMO\_PARTNER\_MKT\_SEG\_MIR | Source Table | Source Column Name | View Name | View Column Name |
| PARTNER\_ID | Partner | PartnerId | VEBIP\_PartnerMarketSegment | PartnerId |
| NAME | Partner | PartnerName | VEBIP\_PartnerMarketSegment | PartnerName |
| PARTNER\_TYPE | Partner | PartnerType | VEBIP\_PartnerMarketSegment | PartnerType |
| COUNTRY\_ID | Partner | CountryId | VEBIP\_PartnerMarketSegment | CountryId |
| CHANNEL\_TIER | Partner | ChannelTier | VEBIP\_PartnerMarketSegment | ChannelTier |
| PARTNER\_MARKETSEGMENT |  | OperationArea/Computed | VEBIP\_PartnerMarketSegment | PartnerMarketSegment |
| BUSINESS\_SEGMENT | BusinessSegment | BusinessSegment | VEBIP\_PartnerMarketSegment | BusinessSegment |
| ACTIVE\_FLAG |  | Computed | VEBIP\_PartnerMarketSegment | Active |
| **Join Condition’s (If Any)** NA | | |  |  |

* + 1. ***DMO\_PARTNER\_CHNL\_SEG\_MIR***

This staging table contains the Real Time Partner, Channel Segment and Channel Type mapping data from PNP Source view.

Table Details

|  |  |  |  |
| --- | --- | --- | --- |
| Table Logical Type | Table Name | Schema | New/Existing |
| Staging | DMO\_PARTNER\_CHNL\_SEG\_MIR | DMODW | New |

Columns Details

|  |  |  |  |
| --- | --- | --- | --- |
| DB Column Name | Data Type | Staging 1 | Columns Comments |
| PARTNER\_CHANNEL\_SEGMENT\_ID | NUMBER(10) |  | Partner Channel Segment ID |
| PARTNER\_ID | NUMBER(10) |  | Partner ID |
| PARTNER\_NAME | NVARCHAR2(255) |  | Name |
| CHANNEL\_SEGMENTATIONID | NUMBER(10) |  | Channel Segment ID |
| CHANNEL\_TYPE | NVARCHAR2(255) |  | Channel Type derived from Channel Segment |
| CHANNEL\_SEGMENTATION | NVARCHAR2(255) |  | Channel Segment Name |
| CREATION\_USER | CHAR(9) |  | Created By |
| CREATION\_DATETIME | DATE |  | Date and Time of creation |

Source Mapping

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| DMO\_PARTNER\_CHANNEL\_SEGMENT\_MIR | Source Table | Source Column Name | View Name | View Column Name |
| PARTNER\_CHANNEL\_SEGMENT\_ID | PartnerChannelSegmentation | Id | VEBIP\_PartnerChannelSeg | PartnerChannelSegmentId |
| PARTNER\_ID | Partner | PartnerId | VEBIP\_PartnerChannelSeg | PartnerId |
| PARTNER\_NAME | Partner | PartnerName | VEBIP\_PartnerChannelSeg | PartnerName |
| CHANNEL\_SEGMENTATIONID | PartnerChannelSegmentation | ChannelSegmentationId | VEBIP\_PartnerChannelSeg | ChannelSegmentationId |
| CHANNEL\_TYPE |  | Computed | VEBIP\_PartnerChannelSeg | ChannelType |
| CHANNEL\_SEGMENTATION | ENName | ENName | VEBIP\_PartnerChannelSeg | ChannelSegmentation |
| **Join Condition’s (If Any)** NA | | |  |  |

* + 1. ***DMO\_SELLIN\_PROD\_PLAN\_MIR***

This staging table contains the Real Time Sell In product Plan data from PNP Source view.

Table Details

|  |  |  |  |
| --- | --- | --- | --- |
| Table Logical Type | Table Name | Schema | New/Existing |
| Staging | DMO\_SELLIN\_PROD\_PLAN\_MIR | DMODW | New |

Columns Details

|  |  |  |  |
| --- | --- | --- | --- |
| DB Column Name | Data Type | Staging 1 | Columns Comments |
| PLAN\_ID | NUMBER(10) |  | Plan id |
| MD\_PARTNER\_ID | NUMBER(10) |  | MD Partner id |
| PRODUCT\_PART\_ID | NVARCHAR2(100) |  | ProductPartId |
| TOTAL\_REVENUE | NUMBER(18,2) |  | Total revenue |
| TOTAL\_PROFIT | NUMBER(18,2) |  | Total profit |
| TOTAL\_UNITS | NUMBER(10) |  | Total no of units |
| PLAN\_YEAR | NUMBER(10) |  | Plan year |
| MODIFIED\_DATE | DATE |  | Date of modification |
| REV\_JAN | NUMBER(18,2) |  | Revenue of jan |
| REV\_FEB | NUMBER(18,2) |  | Revenue of feb |
| REV\_MAR | NUMBER(18,2) |  | Revenue of mar |
| REV\_APR | NUMBER(18,2) |  | Revenue of apr |
| REV\_MAY | NUMBER(18,2) |  | Revenue of may |
| REV\_JUN | NUMBER(18,2) |  | Revenue of jun |
| REV\_JUL | NUMBER(18,2) |  | Revenue of jul |
| REV\_AUG | NUMBER(18,2) |  | Revenue of aug |
| REV\_SEP | NUMBER(18,2) |  | Revenue of sep |
| REV\_OCT | NUMBER(18,2) |  | Revenue of oct |
| REV\_NOV | NUMBER(18,2) |  | Revenue of nov |
| REV\_DEC | NUMBER(18,2) |  | Revenue of dec |
| PRO\_JAN | NUMBER(18,2) |  | Profit of jan |
| PRO\_FEB | NUMBER(18,2) |  | Profit of feb |
| PRO\_MAR | NUMBER(18,2) |  | Profit of mar |
| PRO\_APR | NUMBER(18,2) |  | Profit of apr |
| PRO\_MAY | NUMBER(18,2) |  | Profit of may |
| PRO\_JUN | NUMBER(18,2) |  | Profit of jun |
| PRO\_JUL | NUMBER(18,2) |  | Profit of jul |
| PRO\_AUG | NUMBER(18,2) |  | Profit of aug |
| PRO\_SEP | NUMBER(18,2) |  | Profit of sep |
| PRO\_OCT | NUMBER(18,2) |  | Profit of oct |
| PRO\_NOV | NUMBER(18,2) |  | Profit of nov |
| PRO\_DEC | NUMBER(18,2) |  | Profit of dec |
| UNITS\_JAN | NUMBER(10) |  | Units of jan |
| UNITS\_FEB | NUMBER(10) |  | Units of feb |
| UNITS\_MAR | NUMBER(10) |  | Units of mar |
| UNITS\_APR | NUMBER(10) |  | Units of apr |
| UNITS\_MAY | NUMBER(10) |  | Units of may |
| UNITS\_JUN | NUMBER(10) |  | Units of jun |
| UNITS\_JUL | NUMBER(10) |  | Units of jul |
| UNITS\_AUG | NUMBER(10) |  | Units of aug |
| UNITS\_SEP | NUMBER(10) |  | Units of sep |
| UNITS\_OCT | NUMBER(10) |  | Units of oct |
| UNITS\_NOV | NUMBER(10) |  | Units of nov |
| UNITS\_DEC | NUMBER(10) |  | Units of dec |
| CREATION\_USER | CHAR(9) |  | Created By |
| CREATION\_DATETIME | DATE |  | Date and Time of creation |

Source Mapping

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| DMO\_SELLIN\_PROD\_PLAN\_MIR | Source Table | Source Column Name | View Name | View Column Name |
| PLAN\_ID | Plan | PlanID | VEBIP\_SellInProductPlan | PlanID |
| MD\_PARTNER\_ID | PlanProductMDAlloc | PartnerId | VEBIP\_SellInProductPlan | MDPartnerId |
| PRODUCT\_PART\_ID | PlanProductAlloc | ProductPartId | VEBIP\_SellInProductPlan | ProductPartID |
| TOTAL\_REVENUE | PlanProductMDAlloc | TotalRevenue | VEBIP\_SellInProductPlan | TotalRevenue |
| TOTAL\_PROFIT | PlanProductMDAlloc | TotalProfit | VEBIP\_SellInProductPlan | TotalProfit |
| TOTAL\_UNITS | PlanProductMDAlloc | TotalUnits | VEBIP\_SellInProductPlan | TotalUnits |
| PLAN\_YEAR | Plan | PlanYear | VEBIP\_SellInProductPlan | PlanYear |
| MODIFIED\_DATE | Plan | ModifiedDate | VEBIP\_SellInProductPlan | ModifiedDate |
| REV\_JAN | PlanProductMDMthlyAlloc | MonthName/Revenue | VEBIP\_SellInProductPlan | Rev\_Jan |
| REV\_FEB | PlanProductMDMthlyAlloc | MonthName/Revenue | VEBIP\_SellInProductPlan | Rev\_Feb |
| REV\_MAR | PlanProductMDMthlyAlloc | MonthName/Revenue | VEBIP\_SellInProductPlan | Rev\_Mar |
| REV\_APR | PlanProductMDMthlyAlloc | MonthName/Revenue | VEBIP\_SellInProductPlan | Rev\_Apr |
| REV\_MAY | PlanProductMDMthlyAlloc | MonthName/Revenue | VEBIP\_SellInProductPlan | Rev\_May |
| REV\_JUN | PlanProductMDMthlyAlloc | MonthName/Revenue | VEBIP\_SellInProductPlan | Rev\_Jun |
| REV\_JUL | PlanProductMDMthlyAlloc | MonthName/Revenue | VEBIP\_SellInProductPlan | Rev\_Jun |
| REV\_AUG | PlanProductMDMthlyAlloc | MonthName/Revenue | VEBIP\_SellInProductPlan | Rev\_Aug |
| REV\_SEP | PlanProductMDMthlyAlloc | MonthName/Revenue | VEBIP\_SellInProductPlan | Rev\_Sep |
| REV\_OCT | PlanProductMDMthlyAlloc | MonthName/Revenue | VEBIP\_SellInProductPlan | Rev\_Oct |
| REV\_NOV | PlanProductMDMthlyAlloc | MonthName/Revenue | VEBIP\_SellInProductPlan | Rev\_Nov |
| REV\_DEC | PlanProductMDMthlyAlloc | MonthName/Revenue | VEBIP\_SellInProductPlan | Rev\_Dec |
| PRO\_JAN | PlanProductMDMthlyAlloc | MonthName/Profit | VEBIP\_SellInProductPlan | Pro\_Jan |
| PRO\_FEB | PlanProductMDMthlyAlloc | MonthName/Profit | VEBIP\_SellInProductPlan | Pro\_Feb |
| PRO\_MAR | PlanProductMDMthlyAlloc | MonthName/Profit | VEBIP\_SellInProductPlan | Pro\_Mar |
| PRO\_APR | PlanProductMDMthlyAlloc | MonthName/Profit | VEBIP\_SellInProductPlan | Pro\_Apr |
| PRO\_MAY | PlanProductMDMthlyAlloc | MonthName/Profit | VEBIP\_SellInProductPlan | Pro\_May |
| PRO\_JUN | PlanProductMDMthlyAlloc | MonthName/Profit | VEBIP\_SellInProductPlan | Pro\_Jun |
| PRO\_JUL | PlanProductMDMthlyAlloc | MonthName/Profit | VEBIP\_SellInProductPlan | Pro\_Jul |
| PRO\_AUG | PlanProductMDMthlyAlloc | MonthName/Profit | VEBIP\_SellInProductPlan | Pro\_Aug |
| PRO\_SEP | PlanProductMDMthlyAlloc | MonthName/Profit | VEBIP\_SellInProductPlan | Pro\_Sep |
| PRO\_OCT | PlanProductMDMthlyAlloc | MonthName/Profit | VEBIP\_SellInProductPlan | Pro\_Oct |
| PRO\_NOV | PlanProductMDMthlyAlloc | MonthName/Profit | VEBIP\_SellInProductPlan | Pro\_Nov |
| PRO\_DEC | PlanProductMDMthlyAlloc | MonthName/Profit | VEBIP\_SellInProductPlan | Pro\_Dec |
| UNITS\_JAN | PlanProductMDMthlyAlloc | MonthName/TotalUnits | VEBIP\_SellInProductPlan | Units\_Jan |
| UNITS\_FEB | PlanProductMDMthlyAlloc | MonthName/TotalUnits | VEBIP\_SellInProductPlan | Units\_Feb |
| UNITS\_MAR | PlanProductMDMthlyAlloc | MonthName/TotalUnits | VEBIP\_SellInProductPlan | Units\_Mar |
| UNITS\_APR | PlanProductMDMthlyAlloc | MonthName/TotalUnits | VEBIP\_SellInProductPlan | Units\_Apr |
| UNITS\_MAY | PlanProductMDMthlyAlloc | MonthName/TotalUnits | VEBIP\_SellInProductPlan | Units\_May |
| UNITS\_JUN | PlanProductMDMthlyAlloc | MonthName/TotalUnits | VEBIP\_SellInProductPlan | Units\_Jun |
| UNITS\_JUL | PlanProductMDMthlyAlloc | MonthName/TotalUnits | VEBIP\_SellInProductPlan | Units\_Jul |
| UNITS\_AUG | PlanProductMDMthlyAlloc | MonthName/TotalUnits | VEBIP\_SellInProductPlan | Units\_Aug |
| UNITS\_SEP | PlanProductMDMthlyAlloc | MonthName/TotalUnits | VEBIP\_SellInProductPlan | Units\_Sep |
| UNITS\_OCT | PlanProductMDMthlyAlloc | MonthName/TotalUnits | VEBIP\_SellInProductPlan | Units\_Oct |
| UNITS\_NOV | PlanProductMDMthlyAlloc | MonthName/TotalUnits | VEBIP\_SellInProductPlan | Units\_Nov |
| UNITS\_DEC | PlanProductMDMthlyAlloc | MonthName/TotalUnits | VEBIP\_SellInProductPlan | Units\_Dec |
| **Join Condition’s (If Any)** NA | | |  |  |

* + 1. ***DMO\_SELOUT\_PROD\_PLAN\_MIR***

This staging table contains the Real Time Sell Out productPlan data from PNP Source view.

Table Details

|  |  |  |  |
| --- | --- | --- | --- |
| Table Logical Type | Table Name | Schema | New/Existing |
| Staging | DMO\_SELOUT\_PROD\_PLAN\_MIR | ISRVE\_DMO\_DW | New |

Columns Details

|  |  |  |  |
| --- | --- | --- | --- |
| DB Column Name | Data Type | Staging 1 | Columns Comments |
| PLAN\_ID | NUMBER(10) |  | Plan id |
| BDM\_PLAN\_ID | NUMBER(10) |  | BDM Plan Id |
| BDE\_PLAN\_ID | NUMBER(10) |  | BDE Plan Id |
| BDE\_USER\_ID | NUMBER(10) |  | BDE User Id |
| RESELLER\_PARTNER\_ID | NUMBER(10) |  | Reseller PartnerId |
| PRODUCT\_PART\_ID | NVARCHAR2(100) |  | Product Part Id |
| TOTAL\_REVENUE | NUMBER(18,2) |  | Total Revenue |
| TOTAL\_PROFIT | NUMBER(18,2) |  | Total Profit |
| TOTAL\_UNITS | NUMBER(10) |  | Total no of units |
| PLAN\_YEAR | NUMBER(10) |  | Plan year |
| MODIFIED\_DATE | DATE |  | Date of modification |
| REV\_JAN | NUMBER(18,2) |  | Revenue of jan |
| REV\_FEB | NUMBER(18,2) |  | Revenue of feb |
| REV\_MAR | NUMBER(18,2) |  | Revenue of mar |
| REV\_APR | NUMBER(18,2) |  | Revenue of apr |
| REV\_MAY | NUMBER(18,2) |  | Revenue of may |
| REV\_JUN | NUMBER(18,2) |  | Revenue of jun |
| REV\_JUL | NUMBER(18,2) |  | Revenue of jul |
| REV\_AUG | NUMBER(18,2) |  | Revenue of aug |
| REV\_SEP | NUMBER(18,2) |  | Revenue of sep |
| REV\_OCT | NUMBER(18,2) |  | Revenue of oct |
| REV\_NOV | NUMBER(18,2) |  | Revenue of nov |
| REV\_DEC | NUMBER(18,2) |  | Revenue of dec |
| PRO\_JAN | NUMBER(18,2) |  | Profit of jan |
| PRO\_FEB | NUMBER(18,2) |  | Profit of feb |
| PRO\_MAR | NUMBER(18,2) |  | Profit of mar |
| PRO\_APR | NUMBER(18,2) |  | Profit of apr |
| PRO\_MAY | NUMBER(18,2) |  | Profit of may |
| PRO\_JUN | NUMBER(18,2) |  | Profit of jun |
| PRO\_JUL | NUMBER(18,2) |  | Profit of jul |
| PRO\_AUG | NUMBER(18,2) |  | Profit of aug |
| PRO\_SEP | NUMBER(18,2) |  | Profit of sep |
| PRO\_OCT | NUMBER(18,2) |  | Profit of oct |
| PRO\_NOV | NUMBER(18,2) |  | Profit of nov |
| PRO\_DEC | NUMBER(18,2) |  | Profit of dec |
| UNITS\_JAN | NUMBER(10) |  | Units of jan |
| UNITS\_FEB | NUMBER(10) |  | Units of feb |
| UNITS\_MAR | NUMBER(10) |  | Units of mar |
| UNITS\_APR | NUMBER(10) |  | Units of apr |
| UNITS\_MAY | NUMBER(10) |  | Units of may |
| UNITS\_JUN | NUMBER(10) |  | Units of jun |
| UNITS\_JUL | NUMBER(10) |  | Units of jul |
| UNITS\_AUG | NUMBER(10) |  | Units of aug |
| UNITS\_SEP | NUMBER(10) |  | Units of sep |
| UNITS\_OCT | NUMBER(10) |  | Units of oct |
| UNITS\_NOV | NUMBER(10) |  | Units of nov |
| UNITS\_DEC | NUMBER(10) |  | Units of dec |
| CREATION\_USER | CHAR(9) |  | Created By |
| CREATION\_DATETIME | DATE |  | Date and Time of creation |

Source Mapping

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| DMO\_SELOUT\_PROD\_PLAN\_MIR | Source Table | Source Column Name | View Name | View Column Name |
| PLAN\_ID | Plan | PlanID | VEBIP\_SellOutProductPlan | PlanID |
| BDM\_PLAN\_ID | Plan | BusinessSegmentId | VEBIP\_SellOutProductPlan | BDMPlanID |
| BDE\_PLAN\_ID | Plan | BusinessSegment | VEBIP\_SellOutProductPlan | BDEPlanID |
| BDE\_USER\_ID | Plan | PlanOwner | VEBIP\_SellOutProductPlan | BDEUserId |
| RESELLER\_PARTNER\_ID | PlanProductResellerAlloc | PartnerId | VEBIP\_SellOutProductPlan | ResellerPartnerId |
| PRODUCT\_PART\_ID | PlanProductResellerAlloc | ProductPartID | VEBIP\_SellOutProductPlan | ProductPartID |
| TOTAL\_REVENUE | PlanProductResellerAlloc | TotalRevenue | VEBIP\_SellOutProductPlan | TotalRevenue |
| TOTAL\_PROFIT | PlanProductResellerAlloc | TotalProfit | VEBIP\_SellOutProductPlan | TotalProfit |
| TOTAL\_UNITS | PlanProductResellerAlloc | TotalUnits | VEBIP\_SellOutProductPlan | TotalUnits |
| PLAN\_YEAR | Plan | MonthName/Revenue | VEBIP\_SellOutProductPlan | PalnYear |
| MODIFIED\_DATE | Plan | ModifiedDate | VEBIP\_SellOutProductPlan | ModifiedDate |
| REV\_JAN | PlanProductMDMthlyAlloc | MonthName/Revenue | VEBIP\_SellOutProductPlan | Rev\_Jan |
| REV\_FEB | PlanProductMDMthlyAlloc | MonthName/Revenue | VEBIP\_SellOutProductPlan | Rev\_Feb |
| REV\_MAR | PlanProductMDMthlyAlloc | MonthName/Revenue | VEBIP\_SellOutProductPlan | Rev\_Mar |
| REV\_APR | PlanProductMDMthlyAlloc | MonthName/Revenue | VEBIP\_SellOutProductPlan | Rev\_Apr |
| REV\_MAY | PlanProductMDMthlyAlloc | MonthName/Revenue | VEBIP\_SellOutProductPlan | Rev\_May |
| REV\_JUN | PlanProductMDMthlyAlloc | MonthName/Revenue | VEBIP\_SellOutProductPlan | Rev\_Jun |
| REV\_JUL | PlanProductMDMthlyAlloc | MonthName/Revenue | VEBIP\_SellOutProductPlan | Rev\_Jun |
| REV\_AUG | PlanProductMDMthlyAlloc | MonthName/Revenue | VEBIP\_SellOutProductPlan | Rev\_Aug |
| REV\_SEP | PlanProductMDMthlyAlloc | MonthName/Revenue | VEBIP\_SellOutProductPlan | Rev\_Sep |
| REV\_OCT | PlanProductMDMthlyAlloc | MonthName/Revenue | VEBIP\_SellOutProductPlan | Rev\_Oct |
| REV\_NOV | PlanProductMDMthlyAlloc | MonthName/Revenue | VEBIP\_SellOutProductPlan | Rev\_Nov |
| REV\_DEC | PlanProductMDMthlyAlloc | MonthName/Revenue | VEBIP\_SellOutProductPlan | Rev\_Dec |
| PRO\_JAN | PlanProductMDMthlyAlloc | MonthName/Profit | VEBIP\_SellOutProductPlan | Pro\_Jan |
| PRO\_FEB | PlanProductMDMthlyAlloc | MonthName/Profit | VEBIP\_SellOutProductPlan | Pro\_Feb |
| PRO\_MAR | PlanProductMDMthlyAlloc | MonthName/Profit | VEBIP\_SellOutProductPlan | Pro\_Mar |
| PRO\_APR | PlanProductMDMthlyAlloc | MonthName/Profit | VEBIP\_SellOutProductPlan | Pro\_Apr |
| PRO\_MAY | PlanProductMDMthlyAlloc | MonthName/Profit | VEBIP\_SellOutProductPlan | Pro\_May |
| PRO\_JUN | PlanProductMDMthlyAlloc | MonthName/Profit | VEBIP\_SellOutProductPlan | Pro\_Jun |
| PRO\_JUL | PlanProductMDMthlyAlloc | MonthName/Profit | VEBIP\_SellOutProductPlan | Pro\_Jul |
| PRO\_AUG | PlanProductMDMthlyAlloc | MonthName/Profit | VEBIP\_SellOutProductPlan | Pro\_Aug |
| PRO\_SEP | PlanProductMDMthlyAlloc | MonthName/Profit | VEBIP\_SellOutProductPlan | Pro\_Sep |
| PRO\_OCT | PlanProductMDMthlyAlloc | MonthName/Profit | VEBIP\_SellOutProductPlan | Pro\_Oct |
| PRO\_NOV | PlanProductMDMthlyAlloc | MonthName/Profit | VEBIP\_SellOutProductPlan | Pro\_Nov |
| PRO\_DEC | PlanProductMDMthlyAlloc | MonthName/Profit | VEBIP\_SellOutProductPlan | Pro\_Dec |
| UNITS\_JAN | PlanProductMDMthlyAlloc | MonthName/TotalUnits | VEBIP\_SellOutProductPlan | Units\_Jan |
| UNITS\_FEB | PlanProductMDMthlyAlloc | MonthName/TotalUnits | VEBIP\_SellOutProductPlan | Units\_Feb |
| UNITS\_MAR | PlanProductMDMthlyAlloc | MonthName/TotalUnits | VEBIP\_SellOutProductPlan | Units\_Mar |
| UNITS\_APR | PlanProductMDMthlyAlloc | MonthName/TotalUnits | VEBIP\_SellOutProductPlan | Units\_Apr |
| UNITS\_MAY | PlanProductMDMthlyAlloc | MonthName/TotalUnits | VEBIP\_SellOutProductPlan | Units\_May |
| UNITS\_JUN | PlanProductMDMthlyAlloc | MonthName/TotalUnits | VEBIP\_SellOutProductPlan | Units\_Jun |
| UNITS\_JUL | PlanProductMDMthlyAlloc | MonthName/TotalUnits | VEBIP\_SellOutProductPlan | Units\_Jul |
| UNITS\_AUG | PlanProductMDMthlyAlloc | MonthName/TotalUnits | VEBIP\_SellOutProductPlan | Units\_Aug |
| UNITS\_SEP | PlanProductMDMthlyAlloc | MonthName/TotalUnits | VEBIP\_SellOutProductPlan | Units\_Sep |
| UNITS\_OCT | PlanProductMDMthlyAlloc | MonthName/TotalUnits | VEBIP\_SellOutProductPlan | Units\_Oct |
| UNITS\_NOV | PlanProductMDMthlyAlloc | MonthName/TotalUnits | VEBIP\_SellOutProductPlan | Units\_Nov |
| UNITS\_DEC | PlanProductMDMthlyAlloc | MonthName/TotalUnits | VEBIP\_SellOutProductPlan | Units\_Dec |
| **Join Condition’s (If Any)** NA | | |  |  |

* + 1. ***DMO\_SELLIN\_REV\_PLAN\_MIR***

This staging table contains the Real Time Sell In Revenue Plan data from PNP Source view.

Table Details

|  |  |  |  |
| --- | --- | --- | --- |
| Table Logical Type | Table Name | Schema | New/Existing |
| Staging | DMO\_SELLIN\_REV\_PLAN\_MIR | ISRVE\_DMO\_DW | New |

Columns Details

|  |  |  |  |
| --- | --- | --- | --- |
| DB Column Name | Data Type | Staging 1 | Columns Comments |
| PLAN\_ID | NUMBER(10) |  | Plan id |
| BUSINESS\_SEGMENT\_ID | NUMBER(10) |  | Business segment Id |
| BUSINESS\_SEGMENT | NVARCHAR2(75) |  | Business segment |
| BDM\_PLAN\_ID | NUMBER(10) |  | BDM Plan Id |
| MD\_PARTNER\_ID | NUMBER(10) |  | BDE Plan Id |
| BDM\_USER\_ID | NUMBER(10) |  | BDE User Id |
| BUSINESS\_GROUP\_ID | NUMBER(10) |  | Reseller PartnerId |
| BUSINESS\_GROUP | NVARCHAR2(75) |  | Product Part Id |
| TOTAL\_REVENUE | NUMBER(18,2) |  | Total Revenue |
| TOTAL\_PROFIT | NUMBER(18,2) |  | Total Profit |
| PLAN\_YEAR | NUMBER(10) |  | Plan year |
| MODIFIED\_DATE | DATE |  | Date of modification |
| REV\_JAN | NUMBER(18,2) |  | Revenue of jan |
| REV\_FEB | NUMBER(18,2) |  | Revenue of feb |
| REV\_MAR | NUMBER(18,2) |  | Revenue of mar |
| REV\_APR | NUMBER(18,2) |  | Revenue of apr |
| REV\_MAY | NUMBER(18,2) |  | Revenue of may |
| REV\_JUN | NUMBER(18,2) |  | Revenue of jun |
| REV\_JUL | NUMBER(18,2) |  | Revenue of jul |
| REV\_AUG | NUMBER(18,2) |  | Revenue of aug |
| REV\_SEP | NUMBER(18,2) |  | Revenue of sep |
| REV\_OCT | NUMBER(18,2) |  | Revenue of oct |
| REV\_NOV | NUMBER(18,2) |  | Revenue of nov |
| REV\_DEC | NUMBER(18,2) |  | Revenue of dec |
| PRO\_JAN | NUMBER(18,2) |  | Profit of jan |
| PRO\_FEB | NUMBER(18,2) |  | Profit of feb |
| PRO\_MAR | NUMBER(18,2) |  | Profit of mar |
| PRO\_APR | NUMBER(18,2) |  | Profit of apr |
| PRO\_MAY | NUMBER(18,2) |  | Profit of may |
| PRO\_JUN | NUMBER(18,2) |  | Profit of jun |
| PRO\_JUL | NUMBER(18,2) |  | Profit of jul |
| PRO\_AUG | NUMBER(18,2) |  | Profit of aug |
| PRO\_SEP | NUMBER(18,2) |  | Profit of sep |
| PRO\_OCT | NUMBER(18,2) |  | Profit of oct |
| PRO\_NOV | NUMBER(18,2) |  | Profit of nov |
| PRO\_DEC | NUMBER(18,2) |  | Profit of dec |
| CREATION\_USER | CHAR(9) |  | Created By |
| CREATION\_DATETIME | DATE |  | Date and Time of creation |

Source Mapping

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| DMO\_SELLIN\_REV\_PLAN\_MIR | Source Table | Source Column Name | View Name | View Column Name |
| PLAN\_ID | Plan | PlanID | VEBIP\_SellInRevPlan | PlanID |
| BUSINESS\_SEGMENT\_ID | Plan | BusinessSegmentId | VEBIP\_SellInRevPlan | BusinessSegmentId |
| BUSINESS\_SEGMENT | BusinessSegment | BusinessSegment | VEBIP\_SellInRevPlan | BusinessSegment |
| BDM\_PLAN\_ID | Plan | PlanID | VEBIP\_SellInRevPlan | BDMPlanId |
| MD\_PARTNER\_ID | RevPlanMDAlloc | PartnerId | VEBIP\_SellInRevPlan | MDPartnerId |
| BDM\_USER\_ID | RevPlanMDAlloc | ChildPlanUserId | VEBIP\_SellInRevPlan | BDMUserId |
| BUSINESS\_GROUP\_ID | RevPlanMDBGAlloc | BusinessGroupId | VEBIP\_SellInRevPlan | BusinessGroupId |
| BUSINESS\_GROUP | BusinessGroup | BusinessGroup | VEBIP\_SellInRevPlan | BusinessGroup |
| TOTAL\_REVENUE | RevPlanMDAlloc | TotalRevenue | VEBIP\_SellInRevPlan | TotalRevenue |
| TOTAL\_PROFIT | RevPlanMDAlloc | TotalProfit | VEBIP\_SellInRevPlan | TotalProfit |
| PLAN\_YEAR | Plan | PlanYear | VEBIP\_SellInRevPlan | PalnYear |
| MODIFIED\_DATE | Plan | ModifiedDate | VEBIP\_SellInRevPlan | ModifiedDate |
| REV\_JAN | RevPlanMdBGMthlyAlloc | MonthName/Revenue | VEBIP\_SellInRevPlan | Rev\_Jan |
| REV\_FEB | RevPlanMdBGMthlyAlloc | MonthName/Revenue | VEBIP\_SellInRevPlan | Rev\_Feb |
| REV\_MAR | RevPlanMdBGMthlyAlloc | MonthName/Revenue | VEBIP\_SellInRevPlan | Rev\_Mar |
| REV\_APR | RevPlanMdBGMthlyAlloc | MonthName/Revenue | VEBIP\_SellInRevPlan | Rev\_Apr |
| REV\_MAY | RevPlanMdBGMthlyAlloc | MonthName/Revenue | VEBIP\_SellInRevPlan | Rev\_May |
| REV\_JUN | RevPlanMdBGMthlyAlloc | MonthName/Revenue | VEBIP\_SellInRevPlan | Rev\_Jun |
| REV\_JUL | RevPlanMdBGMthlyAlloc | MonthName/Revenue | VEBIP\_SellInRevPlan | Rev\_Jun |
| REV\_AUG | RevPlanMdBGMthlyAlloc | MonthName/Revenue | VEBIP\_SellInRevPlan | Rev\_Aug |
| REV\_SEP | RevPlanMdBGMthlyAlloc | MonthName/Revenue | VEBIP\_SellInRevPlan | Rev\_Sep |
| REV\_OCT | RevPlanMdBGMthlyAlloc | MonthName/Revenue | VEBIP\_SellInRevPlan | Rev\_Oct |
| REV\_NOV | RevPlanMdBGMthlyAlloc | MonthName/Revenue | VEBIP\_SellInRevPlan | Rev\_Nov |
| REV\_DEC | RevPlanMdBGMthlyAlloc | MonthName/Revenue | VEBIP\_SellInRevPlan | Rev\_Dec |
| PRO\_JAN | RevPlanMdBGMthlyAlloc | MonthName/Profit | VEBIP\_SellInRevPlan | Pro\_Jan |
| PRO\_FEB | RevPlanMdBGMthlyAlloc | MonthName/Profit | VEBIP\_SellInRevPlan | Pro\_Feb |
| PRO\_MAR | RevPlanMdBGMthlyAlloc | MonthName/Profit | VEBIP\_SellInRevPlan | Pro\_Mar |
| PRO\_APR | RevPlanMdBGMthlyAlloc | MonthName/Profit | VEBIP\_SellInRevPlan | Pro\_Apr |
| PRO\_MAY | RevPlanMdBGMthlyAlloc | MonthName/Profit | VEBIP\_SellInRevPlan | Pro\_May |
| PRO\_JUN | RevPlanMdBGMthlyAlloc | MonthName/Profit | VEBIP\_SellInRevPlan | Pro\_Jun |
| PRO\_JUL | RevPlanMdBGMthlyAlloc | MonthName/Profit | VEBIP\_SellInRevPlan | Pro\_Jul |
| PRO\_AUG | RevPlanMdBGMthlyAlloc | MonthName/Profit | VEBIP\_SellInRevPlan | Pro\_Aug |
| PRO\_SEP | RevPlanMdBGMthlyAlloc | MonthName/Profit | VEBIP\_SellInRevPlan | Pro\_Sep |
| PRO\_OCT | RevPlanMdBGMthlyAlloc | MonthName/Profit | VEBIP\_SellInRevPlan | Pro\_Oct |
| PRO\_NOV | RevPlanMdBGMthlyAlloc | MonthName/Profit | VEBIP\_SellInRevPlan | Pro\_Nov |
| PRO\_DEC | RevPlanMdBGMthlyAlloc | MonthName/Profit | VEBIP\_SellInRevPlan | Pro\_Dec |
| **Join Condition’s (If Any)** NA | | |  |  |

* + 1. ***DMO\_SELOUT\_RV\_BDE\_PLAN\_MIR***

This staging table contains the Real Time Sell Out Revenue BDE Plan data from PNP Source view.

Table Details

|  |  |  |  |
| --- | --- | --- | --- |
| Table Logical Type | Table Name | Schema | New/Existing |
| Staging | DMO\_SELOUT\_RV\_BDE\_PLAN\_MIR | ISRVE\_DMO\_DW | New |

Columns Details

|  |  |  |  |
| --- | --- | --- | --- |
| DB Column Name | Data Type | Staging 1 | Columns Comments |
| PLAN\_ID | NUMBER(10) |  | Plan id |
| BUSINESS\_SEGMENT\_ID | NUMBER(10) |  | Business segment Id |
| BUSINESS\_SEGMENT | NVARCHAR2(75) |  | Business segment |
| OPERATION\_AREA\_ID | NUMBER(10) |  | OperationAreaId |
| OPERATION\_AREA | VARCHAR2(50) |  | OperationArea |
| BUSINESS\_GROUP\_ID | NUMBER(10) |  | BusinessGroupId |
| BUSINESS\_GROUP | NVARCHAR2(75) |  | BusinessGroup |
| BDM\_PLAN\_ID | NUMBER(10) |  | BDM Plan Id |
| BDE\_PLAN\_ID | NUMBER(10) |  | BDE Plan Id |
| BDE\_USER\_ID | NUMBER(10) |  | BDE User Id |
| TOTAL\_REVENUE | NUMBER(18,2) |  | Total Revenue |
| TOTAL\_PROFIT | NUMBER(18,2) |  | Total Profit |
| PLAN\_YEAR | NUMBER(10) |  | Plan year |
| MODIFIED\_DATE | DATE |  | Date of modification |
| REV\_JAN | NUMBER(18,2) |  | Revenue of jan |
| REV\_FEB | NUMBER(18,2) |  | Revenue of feb |
| REV\_MAR | NUMBER(18,2) |  | Revenue of mar |
| REV\_APR | NUMBER(18,2) |  | Revenue of apr |
| REV\_MAY | NUMBER(18,2) |  | Revenue of may |
| REV\_JUN | NUMBER(18,2) |  | Revenue of jun |
| REV\_JUL | NUMBER(18,2) |  | Revenue of jul |
| REV\_AUG | NUMBER(18,2) |  | Revenue of aug |
| REV\_SEP | NUMBER(18,2) |  | Revenue of sep |
| REV\_OCT | NUMBER(18,2) |  | Revenue of oct |
| REV\_NOV | NUMBER(18,2) |  | Revenue of nov |
| REV\_DEC | NUMBER(18,2) |  | Revenue of dec |
| PERC\_REV\_JAN | NUMBER(38,16) |  | Percentage Revenue of jan |
| PERC\_REV\_FEB | NUMBER(38,16) |  | Percentage Revenue of feb |
| PERC\_REV\_MAR | NUMBER(38,16) |  | Percentage Revenue of mar |
| PERC\_REV\_APR | NUMBER(38,16) |  | Percentage Revenue of apr |
| PERC\_REV\_MAY | NUMBER(38,16) |  | Percentage Revenue of may |
| PERC\_REV\_JUN | NUMBER(38,16) |  | Percentage Revenue of jun |
| PERC\_REV\_JUL | NUMBER(38,16) |  | Percentage Revenue of jul |
| PERC\_REV\_AUG | NUMBER(38,16) |  | Percentage Revenue of aug |
| PERC\_REV\_SEP | NUMBER(38,16) |  | Percentage Revenue of sep |
| PERC\_REV\_OCT | NUMBER(38,16) |  | Percentage Revenue of oct |
| PERC\_REV\_NOV | NUMBER(38,16) |  | Percentage Revenue of nov |
| PERC\_REV\_DEC | NUMBER(38,16) |  | Percentage Revenue of dec |
| PRO\_JAN | NUMBER(18,2) |  | Profit of jan |
| PRO\_FEB | NUMBER(18,2) |  | Profit of feb |
| PRO\_MAR | NUMBER(18,2) |  | Profit of mar |
| PRO\_APR | NUMBER(18,2) |  | Profit of apr |
| PRO\_MAY | NUMBER(18,2) |  | Profit of may |
| PRO\_JUN | NUMBER(18,2) |  | Profit of jun |
| PRO\_JUL | NUMBER(18,2) |  | Profit of jul |
| PRO\_AUG | NUMBER(18,2) |  | Profit of aug |
| PRO\_SEP | NUMBER(18,2) |  | Profit of sep |
| PRO\_OCT | NUMBER(18,2) |  | Profit of oct |
| PRO\_NOV | NUMBER(18,2) |  | Profit of nov |
| PRO\_DEC | NUMBER(18,2) |  | Profit of dec |
| PERC\_PRO\_JAN | NUMBER(38,16) |  | Percentage profit of jan |
| PERC\_PRO\_FEB | NUMBER(38,16) |  | Percentage profit of feb |
| PERC\_PRO\_MAR | NUMBER(38,16) |  | Percentage profit of mar |
| PERC\_PRO\_APR | NUMBER(38,16) |  | Percentage profit of apr |
| PERC\_PRO\_MAY | NUMBER(38,16) |  | Percentage profit of may |
| PERC\_PRO\_JUN | NUMBER(38,16) |  | Percentage profit of jun |
| PERC\_PRO\_JUL | NUMBER(38,16) |  | Percentage profit of jul |
| PERC\_PRO\_AUG | NUMBER(38,16) |  | Percentage profit of aug |
| PERC\_PRO\_SEP | NUMBER(38,16) |  | Percentage profit of sep |
| PERC\_PRO\_OCT | NUMBER(38,16) |  | Percentage profit of oct |
| PERC\_PRO\_NOV | NUMBER(38,16) |  | Percentage profit of nov |
| PERC\_PRO\_DEC | NUMBER(38,16) |  | Percentage profit of dec |
| CREATION\_USER | CHAR(9) |  | Created By |
| CREATION\_DATETIME | DATE |  | Date and Time of creation |

Source Mapping

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| DMO\_SELOUT\_RV\_BDE\_PLAN\_MIR | Source Table | Source Column Name | View Name | View Column Name |
| PLAN\_ID | Plan | PlanID | VEBIP\_SellOutRevBDEPlan | PlanID |
| BUSINESS\_SEGMENT\_ID | Plan | BusinessSegmentId | VEBIP\_SellOutRevBDEPlan | BusinessSegmentId |
| BUSINESS\_SEGMENT | BusinessSegment | BusinessSegment | VEBIP\_SellOutRevBDEPlan | BusinessSegment |
| OPERATION\_AREA\_ID | OpAreaPlan | OperationAreaID | VEBIP\_SellOutRevBDEPlan | OperationAreaID |
| OPERATION\_AREA | OperationArea | OperationArea | VEBIP\_SellOutRevBDEPlan | OperationArea |
| BUSINESS\_GROUP\_ID | OpAreaBusinessGroupPlan | BusinessGroupId | VEBIP\_SellOutRevBDEPlan | BusinessGroupId |
| BUSINESS\_GROUP | BusinessGroup | BusinessGroup | VEBIP\_SellOutRevBDEPlan | BusinessGroup |
| BDM\_PLAN\_ID | Plan | BDMPlanID | VEBIP\_SellOutRevBDEPlan | BDMPlanID |
| BDE\_PLAN\_ID | Plan | BDEPlanID | VEBIP\_SellOutRevBDEPlan | BDEPlanID |
| BDE\_USER\_ID | Plan | PlanOwner | VEBIP\_SellOutRevBDEPlan | BDEUserID |
| TOTAL\_REVENUE | Plan | TotalRevenue | VEBIP\_SellOutRevBDEPlan | TotalRevenue |
| TOTAL\_PROFIT | Plan | TotalProfit | VEBIP\_SellOutRevBDEPlan | TotalProfit |
| PLAN\_YEAR | Plan | PlanYear | VEBIP\_SellOutRevBDEPlan | PalnYear |
| MODIFIED\_DATE | Plan | ModifiedDate | VEBIP\_SellOutRevBDEPlan | ModifiedDate |
| REV\_JAN | OpAreaBGPlanMthlyAlloc | MonthName/Revenue | VEBIP\_SellOutRevBDEPlan | Rev\_Jan |
| REV\_FEB | OpAreaBGPlanMthlyAlloc | MonthName/Revenue | VEBIP\_SellOutRevBDEPlan | Rev\_Feb |
| REV\_MAR | OpAreaBGPlanMthlyAlloc | MonthName/Revenue | VEBIP\_SellOutRevBDEPlan | Rev\_Mar |
| REV\_APR | OpAreaBGPlanMthlyAlloc | MonthName/Revenue | VEBIP\_SellOutRevBDEPlan | Rev\_Apr |
| REV\_MAY | OpAreaBGPlanMthlyAlloc | MonthName/Revenue | VEBIP\_SellOutRevBDEPlan | Rev\_May |
| REV\_JUN | OpAreaBGPlanMthlyAlloc | MonthName/Revenue | VEBIP\_SellOutRevBDEPlan | Rev\_Jun |
| REV\_JUL | OpAreaBGPlanMthlyAlloc | MonthName/Revenue | VEBIP\_SellOutRevBDEPlan | Rev\_Jun |
| REV\_AUG | OpAreaBGPlanMthlyAlloc | MonthName/Revenue | VEBIP\_SellOutRevBDEPlan | Rev\_Aug |
| REV\_SEP | OpAreaBGPlanMthlyAlloc | MonthName/Revenue | VEBIP\_SellOutRevBDEPlan | Rev\_Sep |
| REV\_OCT | OpAreaBGPlanMthlyAlloc | MonthName/Revenue | VEBIP\_SellOutRevBDEPlan | Rev\_Oct |
| REV\_NOV | OpAreaBGPlanMthlyAlloc | MonthName/Revenue | VEBIP\_SellOutRevBDEPlan | Rev\_Nov |
| REV\_DEC | OpAreaBGPlanMthlyAlloc | MonthName/Revenue | VEBIP\_SellOutRevBDEPlan | Rev\_Dec |
| PERC\_REV\_JAN | OpAreaBGPlanMthlyAlloc | Computed (MthlyRev/TotalRevenue)\*100) | VEBIP\_SellOutRevBDEPlan | Perc\_Rev\_Jan |
| PERC\_REV\_FEB | OpAreaBGPlanMthlyAlloc | Computed (MthlyRev/TotalRevenue)\*100) | VEBIP\_SellOutRevBDEPlan | Perc\_Rev\_Feb |
| PERC\_REV\_MAR | OpAreaBGPlanMthlyAlloc | Computed (MthlyRev/TotalRevenue)\*100) | VEBIP\_SellOutRevBDEPlan | Perc\_Rev\_Mar |
| PERC\_REV\_APR | OpAreaBGPlanMthlyAlloc | Computed (MthlyRev/TotalRevenue)\*100) | VEBIP\_SellOutRevBDEPlan | Perc\_Rev\_Apr |
| PERC\_REV\_MAY | OpAreaBGPlanMthlyAlloc | Computed (MthlyRev/TotalRevenue)\*100) | VEBIP\_SellOutRevBDEPlan | Perc\_Rev\_May |
| PERC\_REV\_JUN | OpAreaBGPlanMthlyAlloc | Computed (MthlyRev/TotalRevenue)\*100) | VEBIP\_SellOutRevBDEPlan | Perc\_Rev\_Jun |
| PERC\_REV\_JUL | OpAreaBGPlanMthlyAlloc | Computed (MthlyRev/TotalRevenue)\*100) | VEBIP\_SellOutRevBDEPlan | Perc\_Rev\_Jul |
| PERC\_REV\_AUG | OpAreaBGPlanMthlyAlloc | Computed (MthlyRev/TotalRevenue)\*100) | VEBIP\_SellOutRevBDEPlan | Perc\_Rev\_Aug |
| PERC\_REV\_SEP | OpAreaBGPlanMthlyAlloc | Computed (MthlyRev/TotalRevenue)\*100) | VEBIP\_SellOutRevBDEPlan | Perc\_Rev\_Sep |
| PERC\_REV\_OCT | OpAreaBGPlanMthlyAlloc | Computed (MthlyRev/TotalRevenue)\*100) | VEBIP\_SellOutRevBDEPlan | Perc\_Rev\_Oct |
| PERC\_REV\_NOV | OpAreaBGPlanMthlyAlloc | Computed (MthlyRev/TotalRevenue)\*100) | VEBIP\_SellOutRevBDEPlan | Perc\_Rev\_Nov |
| PERC\_REV\_DEC | OpAreaBGPlanMthlyAlloc | Computed (MthlyRev/TotalRevenue)\*100) | VEBIP\_SellOutRevBDEPlan | Perc\_Rev\_Dec |
| PRO\_JAN | OpAreaBGPlanMthlyAlloc | MonthName/Profit | VEBIP\_SellOutRevBDEPlan | Pro\_Jan |
| PRO\_FEB | OpAreaBGPlanMthlyAlloc | MonthName/Profit | VEBIP\_SellOutRevBDEPlan | Pro\_Feb |
| PRO\_MAR | OpAreaBGPlanMthlyAlloc | MonthName/Profit | VEBIP\_SellOutRevBDEPlan | Pro\_Mar |
| PRO\_APR | OpAreaBGPlanMthlyAlloc | MonthName/Profit | VEBIP\_SellOutRevBDEPlan | Pro\_Apr |
| PRO\_MAY | OpAreaBGPlanMthlyAlloc | MonthName/Profit | VEBIP\_SellOutRevBDEPlan | Pro\_May |
| PRO\_JUN | OpAreaBGPlanMthlyAlloc | MonthName/Profit | VEBIP\_SellOutRevBDEPlan | Pro\_Jun |
| PRO\_JUL | OpAreaBGPlanMthlyAlloc | MonthName/Profit | VEBIP\_SellOutRevBDEPlan | Pro\_Jul |
| PRO\_AUG | OpAreaBGPlanMthlyAlloc | MonthName/Profit | VEBIP\_SellOutRevBDEPlan | Pro\_Aug |
| PRO\_SEP | OpAreaBGPlanMthlyAlloc | MonthName/Profit | VEBIP\_SellOutRevBDEPlan | Pro\_Sep |
| PRO\_OCT | OpAreaBGPlanMthlyAlloc | MonthName/Profit | VEBIP\_SellOutRevBDEPlan | Pro\_Oct |
| PRO\_NOV | OpAreaBGPlanMthlyAlloc | MonthName/Profit | VEBIP\_SellOutRevBDEPlan | Pro\_Nov |
| PRO\_DEC | OpAreaBGPlanMthlyAlloc | MonthName/Profit | VEBIP\_SellOutRevBDEPlan | Pro\_Dec |
| PERC\_PRO\_JAN | OpAreaBGPlanMthlyAlloc | Computed (MthlyPro/TotalProfit)\*100) | VEBIP\_SellOutRevBDEPlan | Perc\_Pro\_Jan |
| PERC\_PRO\_FEB | OpAreaBGPlanMthlyAlloc | Computed (MthlyPro/TotalProfit)\*100) | VEBIP\_SellOutRevBDEPlan | Perc\_Pro\_Feb |
| PERC\_PRO\_MAR | OpAreaBGPlanMthlyAlloc | Computed (MthlyPro/TotalProfit)\*100) | VEBIP\_SellOutRevBDEPlan | Perc\_Pro\_Mar |
| PERC\_PRO\_APR | OpAreaBGPlanMthlyAlloc | Computed (MthlyPro/TotalProfit)\*100) | VEBIP\_SellOutRevBDEPlan | Perc\_Pro\_Apr |
| PERC\_PRO\_MAY | OpAreaBGPlanMthlyAlloc | Computed (MthlyPro/TotalProfit)\*100) | VEBIP\_SellOutRevBDEPlan | Perc\_Pro\_May |
| PERC\_PRO\_JUN | OpAreaBGPlanMthlyAlloc | Computed (MthlyPro/TotalProfit)\*100) | VEBIP\_SellOutRevBDEPlan | Perc\_Pro\_Jun |
| PERC\_PRO\_JUL | OpAreaBGPlanMthlyAlloc | Computed (MthlyPro/TotalProfit)\*100) | VEBIP\_SellOutRevBDEPlan | Perc\_Pro\_Jul |
| PERC\_PRO\_AUG | OpAreaBGPlanMthlyAlloc | Computed (MthlyPro/TotalProfit)\*100) | VEBIP\_SellOutRevBDEPlan | Perc\_Pro\_Aug |
| PERC\_PRO\_SEP | OpAreaBGPlanMthlyAlloc | Computed (MthlyPro/TotalProfit)\*100) | VEBIP\_SellOutRevBDEPlan | Perc\_Pro\_Sep |
| PERC\_PRO\_OCT | OpAreaBGPlanMthlyAlloc | Computed (MthlyPro/TotalProfit)\*100) | VEBIP\_SellOutRevBDEPlan | Perc\_Pro\_Oct |
| PERC\_PRO\_NOV | OpAreaBGPlanMthlyAlloc | Computed (MthlyPro/TotalProfit)\*100) | VEBIP\_SellOutRevBDEPlan | Perc\_Pro\_Nov |
| PERC\_PRO\_DEC | OpAreaBGPlanMthlyAlloc | Computed (MthlyPro/TotalProfit)\*100) | VEBIP\_SellOutRevBDEPlan | Perc\_Pro\_Dec |
| **Join Condition’s (If Any)** NA | | |  |  |

* + 1. ***DMO\_SELOUT\_RV\_RES\_PLAN\_MIR***

This staging table contains the Real Time Sell Out Revenue Reseller Plan data from PNP Source view.

Table Details

|  |  |  |  |
| --- | --- | --- | --- |
| Table Logical Type | Table Name | Schema | New/Existing |
| Staging | DMO\_SELOUT\_RV\_RES\_PLAN\_MIR | ISRVE\_DMO\_DW | New |

Columns Details

|  |  |  |  |
| --- | --- | --- | --- |
| DB Column Name | Data Type | Staging 1 | Columns Comments |
| PLAN\_ID | NUMBER(10) |  | Plan Id |
| BUSINESS\_SEGMENT\_ID | NUMBER(10) |  | Business segment Id |
| BUSINESS\_SEGMENT | NVARCHAR2(75) |  | Business segment |
| OPERATION\_AREA\_ID | NUMBER(10) |  | OperationAreaId |
| OPERATION\_AREA | VARCHAR2(50) |  | OperationArea |
| BUSINESS\_GROUP\_ID | NUMBER(10) |  | BusinessGroupId |
| BUSINESS\_GROUP | NVARCHAR2(75) |  | BusinessGroup |
| BDM\_PLAN\_ID | NUMBER(10) |  | BDM Plan Id |
| BDE\_PLAN\_ID | NUMBER(10) |  | BDE Plan Id |
| BDE\_USER\_ID | NUMBER(10) |  | BDE User Id |
| RESELLER\_PARTNER\_ID | NUMBER(10) |  | Reseller Partner Id |
| TOTAL\_REVENUE | NUMBER(18,2) |  | Total Revenue |
| TOTAL\_PROFIT | NUMBER(18,2) |  | Total Profit |
| PLAN\_YEAR | NUMBER(10) |  | Plan year |
| MODIFIED\_DATE | DATE |  | Date of modification |
| REV\_JAN | NUMBER(38,10) |  | Revenue of jan |
| REV\_FEB | NUMBER(38,10) |  | Revenue of feb |
| REV\_MAR | NUMBER(38,10) |  | Revenue of mar |
| REV\_APR | NUMBER(38,10) |  | Revenue of apr |
| REV\_MAY | NUMBER(38,10) |  | Revenue of may |
| REV\_JUN | NUMBER(38,10) |  | Revenue of jun |
| REV\_JUL | NUMBER(38,10) |  | Revenue of jul |
| REV\_AUG | NUMBER(38,10) |  | Revenue of aug |
| REV\_SEP | NUMBER(38,10) |  | Revenue of sep |
| REV\_OCT | NUMBER(38,10) |  | Revenue of oct |
| REV\_NOV | NUMBER(38,10) |  | Revenue of nov |
| REV\_DEC | NUMBER(38,10) |  | Revenue of dec |
| PRO\_JAN | NUMBER(38,10) |  | Profit of jan |
| PRO\_FEB | NUMBER(38,10) |  | Profit of feb |
| PRO\_MAR | NUMBER(38,10) |  | Profit of mar |
| PRO\_APR | NUMBER(38,10) |  | Profit of apr |
| PRO\_MAY | NUMBER(38,10) |  | Profit of may |
| PRO\_JUN | NUMBER(38,10) |  | Profit of jun |
| PRO\_JUL | NUMBER(38,10) |  | Profit of jul |
| PRO\_AUG | NUMBER(38,10) |  | Profit of aug |
| PRO\_SEP | NUMBER(38,10) |  | Profit of sep |
| PRO\_OCT | NUMBER(38,10) |  | Profit of oct |
| PRO\_NOV | NUMBER(38,10) |  | Profit of nov |
| PRO\_DEC | NUMBER(38,10) |  | Profit of dec |
| CREATION\_USER | CHAR(9) |  | Created By |
| CREATION\_DATETIME | DATE |  | Date and Time of creation |

Source Mapping

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| DMO\_SELOUT\_RV\_RES\_PLAN\_MIR | Source Table | Source Column Name | View Name | View Column Name |
| PLAN\_ID | Plan | PlanID | VEBIP\_SellOutRevResPlan | PlanID |
| BUSINESS\_SEGMENT\_ID | Plan | BusinessSegmentId | VEBIP\_SellOutRevResPlan | BusinessSegmentId |
| BUSINESS\_SEGMENT | BusinessSegment | BusinessSegment | VEBIP\_SellOutRevResPlan | BusinessSegment |
| OPERATION\_AREA\_ID | OpAreaPlan | OperationAreaID | VEBIP\_SellOutRevResPlan | OperationAreaID |
| OPERATION\_AREA | OperationArea | OperationArea | VEBIP\_SellOutRevResPlan | OperationArea |
| BUSINESS\_GROUP\_ID | RevPlanTerritoryResellerBGAlloc | BusinessGroupID | VEBIP\_SellOutRevResPlan | BusinessGroupID |
| BUSINESS\_GROUP | BusinessGroup | BusinessGroup | VEBIP\_SellOutRevResPlan | BusinessGroup |
| BDM\_PLAN\_ID | Plan | BDMPlanID | VEBIP\_SellOutRevResPlan | BDMPlanID |
| BDE\_PLAN\_ID | Plan | BDEPlanID | VEBIP\_SellOutRevResPlan | BDEPlanID |
| BDE\_USER\_ID | Plan | PlanOwner | VEBIP\_SellOutRevResPlan | BDEUserID |
| RESELLER\_PARTNER\_ID | RevPlanTerritoryResellerAlloc | ResellerPartnerId | VEBIP\_SellOutRevResPlan | ResellerPartnerID |
| TOTAL\_REVENUE | RevPlanTerritoryResellerAlloc | TotalRevenue | VEBIP\_SellOutRevResPlan | TotalRevenue |
| TOTAL\_PROFIT | Plan | TotalProfit | VEBIP\_SellOutRevResPlan | TotalProfit |
| PLAN\_YEAR | Plan | PlanYear | VEBIP\_SellOutRevResPlan | PalnYear |
| MODIFIED\_DATE | Plan | ModifiedDate | VEBIP\_SellOutRevResPlan | ModifiedDate |
| REV\_JAN | VEBIP\_SellOutRevBDEPlan | Computed(Perc\_Rev\_Jan/TotalRevenue)\*100 | VEBIP\_SellOutRevResPlan | Rev\_Jan |
| REV\_FEB | VEBIP\_SellOutRevBDEPlan | Computed(Perc\_Rev\_Jan/TotalRevenue)\*100 | VEBIP\_SellOutRevResPlan | Rev\_Feb |
| REV\_MAR | VEBIP\_SellOutRevBDEPlan | Computed(Perc\_Rev\_Jan/TotalRevenue)\*100 | VEBIP\_SellOutRevResPlan | Rev\_Mar |
| REV\_APR | VEBIP\_SellOutRevBDEPlan | Computed(Perc\_Rev\_Jan/TotalRevenue)\*100 | VEBIP\_SellOutRevResPlan | Rev\_Apr |
| REV\_MAY | VEBIP\_SellOutRevBDEPlan | Computed(Perc\_Rev\_Jan/TotalRevenue)\*100 | VEBIP\_SellOutRevResPlan | Rev\_May |
| REV\_JUN | VEBIP\_SellOutRevBDEPlan | Computed(Perc\_Rev\_Jan/TotalRevenue)\*100 | VEBIP\_SellOutRevResPlan | Rev\_Jun |
| REV\_JUL | VEBIP\_SellOutRevBDEPlan | Computed(Perc\_Rev\_Jan/TotalRevenue)\*100 | VEBIP\_SellOutRevResPlan | Rev\_Jun |
| REV\_AUG | VEBIP\_SellOutRevBDEPlan | Computed(Perc\_Rev\_Jan/TotalRevenue)\*100 | VEBIP\_SellOutRevResPlan | Rev\_Aug |
| REV\_SEP | VEBIP\_SellOutRevBDEPlan | Computed(Perc\_Rev\_Jan/TotalRevenue)\*100 | VEBIP\_SellOutRevResPlan | Rev\_Sep |
| REV\_OCT | VEBIP\_SellOutRevBDEPlan | Computed(Perc\_Rev\_Jan/TotalRevenue)\*100 | VEBIP\_SellOutRevResPlan | Rev\_Oct |
| REV\_NOV | VEBIP\_SellOutRevBDEPlan | Computed(Perc\_Rev\_Jan/TotalRevenue)\*100 | VEBIP\_SellOutRevResPlan | Rev\_Nov |
| REV\_DEC | VEBIP\_SellOutRevBDEPlan | Computed(Perc\_Rev\_Jan/TotalRevenue)\*100 | VEBIP\_SellOutRevResPlan | Rev\_Dec |
| PRO\_JAN | VEBIP\_SellOutRevBDEPlan | Computed(Perc\_Pro\_Jan/TotalProfit)\*100 | VEBIP\_SellOutRevResPlan | Pro\_Jan |
| PRO\_FEB | VEBIP\_SellOutRevBDEPlan | Computed(Perc\_Pro\_Jan/TotalProfit)\*100 | VEBIP\_SellOutRevResPlan | Pro\_Feb |
| PRO\_MAR | VEBIP\_SellOutRevBDEPlan | Computed(Perc\_Pro\_Jan/TotalProfit)\*100 | VEBIP\_SellOutRevResPlan | Pro\_Mar |
| PRO\_APR | VEBIP\_SellOutRevBDEPlan | Computed(Perc\_Pro\_Jan/TotalProfit)\*100 | VEBIP\_SellOutRevResPlan | Pro\_Apr |
| PRO\_MAY | VEBIP\_SellOutRevBDEPlan | Computed(Perc\_Pro\_Jan/TotalProfit)\*100 | VEBIP\_SellOutRevResPlan | Pro\_May |
| PRO\_JUN | VEBIP\_SellOutRevBDEPlan | Computed(Perc\_Pro\_Jan/TotalProfit)\*100 | VEBIP\_SellOutRevResPlan | Pro\_Jun |
| PRO\_JUL | VEBIP\_SellOutRevBDEPlan | Computed(Perc\_Pro\_Jan/TotalProfit)\*100 | VEBIP\_SellOutRevResPlan | Pro\_Jul |
| PRO\_AUG | VEBIP\_SellOutRevBDEPlan | Computed(Perc\_Pro\_Jan/TotalProfit)\*100 | VEBIP\_SellOutRevResPlan | Pro\_Aug |
| PRO\_SEP | VEBIP\_SellOutRevBDEPlan | Computed(Perc\_Pro\_Jan/TotalProfit)\*100 | VEBIP\_SellOutRevResPlan | Pro\_Sep |
| PRO\_OCT | VEBIP\_SellOutRevBDEPlan | Computed(Perc\_Pro\_Jan/TotalProfit)\*100 | VEBIP\_SellOutRevResPlan | Pro\_Oct |
| PRO\_NOV | VEBIP\_SellOutRevBDEPlan | Computed(Perc\_Pro\_Jan/TotalProfit)\*100 | VEBIP\_SellOutRevResPlan | Pro\_Nov |
| PRO\_DEC | VEBIP\_SellOutRevBDEPlan | Computed(Perc\_Pro\_Jan/TotalProfit)\*100 | VEBIP\_SellOutRevResPlan | Pro\_Dec |
| **Join Condition’s (If Any)** NA | | |  |  |

* + 1. ***DMO\_PRODUCT\_HIERARCH\_MIR***

This staging table contains the Real Time Product Hierarchy data from PNP Source view.

Table Details

|  |  |  |  |
| --- | --- | --- | --- |
| Table Logical Type | Table Name | Schema | New/Existing |
| Staging | DMO\_PRODUCT\_HIERARCH\_MIR | DMODW | New |

Columns Details

|  |  |  |  |
| --- | --- | --- | --- |
| DB Column Name | Data Type | Staging 1 | Columns Comments |
| PCODE | NVARCHAR2(10) |  | Global identifier of product |
| PRODUCT\_FAMILY | NVARCHAR2(75) |  | Product family |
| PRODUCT\_FAMILY\_ID | NUMBER(10) |  | Product family Id |
| BUSINESS\_TEAM | NVARCHAR2(75) |  | Business Team associated with product. |
| BUSINESS\_TEAM\_ID | NUMBER(10) |  | Business Team Id |
| PRODUCT\_CATEGORY | NVARCHAR2(75) |  | Product category |
| PRODUCT\_CATEGORY\_ID | NUMBER(10) |  | Product Category Id |
| PRODUCT\_SEGMENT | NVARCHAR2(75) |  | Product segment |
| PRODUCT\_SEGMENT\_ID | NUMBER(10) |  | Product Segment Id |
| BUSINESS\_GROUP | NVARCHAR2(75) |  | Business Group Associated with the project |
| BUSINESS\_GROUP\_ID | NUMBER(10) |  | Business Group Id |
| BUSINESS\_SEGMENT\_LOB | NVARCHAR2(75) |  | Line of Business |
| BUSINESS\_SEGMENT\_LOB\_ID | NUMBER(10) |  | Line of Business Id |
| PRODUCT\_PART\_ID | NVARCHAR2(100) |  | Product Part Id |
| COUNRY\_ID | NUMBER(10) |  | Country Id |
| CREATION\_USER | CHAR(9) |  | Created By |
| CREATION\_DATETIME | DATE |  | Date and Time of creation |

Source Mapping

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| DMO\_PRODUCT\_HIERARCH\_MIR | Source Table | Source Column Name | View Name | View Column Name |
| PCODE | Product | Pcode | VEBIP\_ProductHierarchy | Pcode |
| PRODUCT\_FAMILY | ProductFamily | ProductFamily | VEBIP\_ProductHierarchy | ProductFamily |
| PRODUCT\_FAMILY\_ID | ProductFamily | ProductFamilyId | VEBIP\_ProductHierarchy | ProductFamilyId |
| BUSINESS\_TEAM | BusinessTeam | BusinessTeam | VEBIP\_ProductHierarchy | BusinessTeam |
| BUSINESS\_TEAM\_ID | BusinessTeam | BusinessTeamId | VEBIP\_ProductHierarchy | BusinessTeamId |
| PRODUCT\_CATEGORY | ProductCategory | ProductCategory | VEBIP\_ProductHierarchy | ProductCategory |
| PRODUCT\_CATEGORY\_ID | ProductCategory | ProductCategoryId | VEBIP\_ProductHierarchy | ProductCategoryId |
| PRODUCT\_SEGMENT | ProductSegment | ProductSegment | VEBIP\_ProductHierarchy | ProductSegment |
| PRODUCT\_SEGMENT\_ID | ProductSegment | ProductSegmentId | VEBIP\_ProductHierarchy | ProductSegmentId |
| BUSINESS\_GROUP | BusinessGroup | BusinessGroup | VEBIP\_ProductHierarchy | BusinessGroup |
| BUSINESS\_GROUP\_ID | BusinessGroup | BusinessGroupId | VEBIP\_ProductHierarchy | BusinessGroupId |
| BUSINESS\_SEGMENT\_LOB | BusinessSegment | BusinessSegment | VEBIP\_ProductHierarchy | BusinessSegment |
| BUSINESS\_SEGMENT\_LOB\_ID | BusinessSegment | BusinessSegmentID | VEBIP\_ProductHierarchy | BusinessSegmentId |
| PRODUCT\_PART\_ID | ProductPricing | ProductpartId | VEBIP\_ProductHierarchy | ProductPartId |
| COUNRY\_ID | Country | CountryId | VEBIP\_ProductHierarchy | CountryId |
| **Join Condition’s (If Any)** NA | | |  |  |

* + 1. ***DMO\_PRODUCT\_CATALOG\_MIR***

This staging table contains the Real Time Product Catalog data from PNP Source view.

Table Details

|  |  |  |  |
| --- | --- | --- | --- |
| Table Logical Type | Table Name | Schema | New/Existing |
| Staging | DMO\_PRODUCT\_CATALOG\_MIR | DMODW | New |

Columns Details

|  |  |  |  |
| --- | --- | --- | --- |
| DB Column Name | Data Type | Staging 1 | Columns Comments |
| PRODUCT\_PART\_SEQUENCE\_ID | NUMBER(10) |  | Product Catalog Id |
| PCODE | NVARCHAR2(10) |  | Global identifier of product |
| PRODUCT\_PART\_ID | NVARCHAR2(100) |  | Product \_id |
| PRODUCT\_NAME | NVARCHAR2(75) |  | Product name |
| PRODUCT\_TYPE | NVARCHAR2(75) |  | Product type |
| PRODUCT\_DESCRIPTION | NVARCHAR2(255) |  | Description of the product |
| COUNTRY\_ID | NUMBER(10) |  | Country id |
| LIST\_PRICE | NUMBER(18,2) |  | Price of the product |
| MTP\_COST | NUMBER(18,2) |  | Cost of product |
| VALID\_FROM | DATE |  | valid from |
| EXPIRY\_DATE | DATE |  | Date of expiry |
| DISTRIBUTION\_PRICE | NUMBER(18,2) |  | Distribution Price of Product |
| CURRENCY\_CODE | NVARCHAR2(3) |  | Currency Code |
| CREATION\_USER | CHAR(9) |  | Created By |
| CREATION\_DATEIME | DATE |  | Date and Time of creation |

Source Mapping

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| DMO\_PRODUCT\_CATALOG\_MIR | Source Table | Source Column Name | View Name | View Column Name |
| PRODUCT\_PART\_SEQUENCE\_ID | ProductPricing | ProductPartSequenceId | VEBIP\_ProductCatalog | ProductPartSequenceId |
| PCODE | Product | Pcode | VEBIP\_ProductCatalog | Pcode |
| PRODUCT\_PART\_ID | ProductPricing | ProductpartId | VEBIP\_ProductCatalog | ProductpartId |
| PRODUCT\_NAME | Product | ProductName | VEBIP\_ProductCatalog | ProductName |
| PRODUCT\_TYPE | Product | productType | VEBIP\_ProductCatalog | ProductType |
| PRODUCT\_DESCRIPTION | ProductPricing | ProductpartDecription | VEBIP\_ProductCatalog | ProductpartDescription |
| COUNTRY\_ID | Country | CountryId | VEBIP\_ProductCatalog | CountryId |
| LIST\_PRICE | ProductPricing | ListPrice | VEBIP\_ProductCatalog | ListPrice |
| MTP\_COST | ProductPricing | MTPCost | VEBIP\_ProductCatalog | MTPCost |
| VALID\_FROM | ProductPricing | ValidFromDate | VEBIP\_ProductCatalog | ValidFromDate |
| EXPIRY\_DATE | ProductPricing | ExpiryDate | VEBIP\_ProductCatalog | ExpiryDate |
| DISTRIBUTION\_PRICE | ProductPricing | DistributionPrice | VEBIP\_ProductCatalog | DistributionPrice |
| CURRENCY\_CODE | CountryCurrency | CurrencyCode | VEBIP\_ProductCatalog | CurrencyCode |
| **Join Condition’s (If Any)** NA | | |  |  |

* + 1. ***DMO\_PRODUCT\_EXP\_MIR***

This staging table contains the Real Time Product Exception table data from PNP Source view.

Table Details

|  |  |  |  |
| --- | --- | --- | --- |
| Table Logical Type | Table Name | Schema | New/Existing |
| Staging | DMO\_PRODUCT\_EXP\_MIR | DMODW | New |

Columns Details

|  |  |  |  |
| --- | --- | --- | --- |
| DB Column Name | Data Type | Staging1 | Columns Comments |
| PRODUCT\_EXCEPTION\_SEQID | NUMBER(10) |  | Seq Key generated at EBIP side |
| COUNTRY | NVARCHAR2(10) |  | Country Name |
| MD\_VAT\_ID | NVARCHAR2(50) |  | MD Vat Id |
| MD\_NAME | NVARCHAR2(255) |  | MD Name |
| MD\_PRODUCTPART\_ID | NVARCHAR2(200) |  | Incorrect Product Part Id |
| MD\_PRODUCT\_DESCRIPTION | NVARCHAR2(255) |  | Product Part Description from file |
| RESELLER\_PRODUCTPART\_ID | NVARCHAR2(200) |  | Corrected Product Part Id |
| RESELLER\_PRODUCT\_DESCRIPTION | NVARCHAR2(255) |  | Product Description |
| STATUS | NVARCHAR2(10) |  | Open or Closed |
| REJECT\_REASON\_CODE | NVARCHAR2(10) |  | Reason of Rejection |
| EXCEPTION\_COUNT | NUMBER(10) |  | No of records rejected |
| REPORT\_URL | NVARCHAR2(100) |  | Url of the report generated |
| CREATION\_USER | CHAR(9) |  | Created By |
| CREATION\_DATETIME | DATE |  | Date and Time of creation |

Source Mapping

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| DMO\_PRODUCT\_EXP\_MIR | Source Table | Source Column Name | View Name | View Column Name |
| PRODUCT\_EXCEPTION\_SEQ\_ID | ProductException | ProductExceptionId | VEBIP\_ProductException | ProductExceptionId |
| COUNTRY | ProductException | CountryId | VEBIP\_ProductException | CountryId |
| MD\_VAT\_ID | ProductException | MDVATId | VEBIP\_ProductException | MDVATId |
| MD\_NAME | ProductException | MDName | VEBIP\_ProductException | MDName |
| MD\_PRODUCTPART\_ID | ProductException | MDResellerProductID | VEBIP\_ProductException | MDResellerProductId |
| MD\_PRODUCT\_DESCRIPTION | ProductException | MDResellerProductDescription | VEBIP\_ProductException | MDResellerProductDescription |
| RESELLER\_PRODUCTPART\_ID | ProductException | ResellerProductId | VEBIP\_ProductException | ResellerProductId |
| RESELLER\_PRODUCT\_DESCRIPTION | ProductException | ResellerProductDescription | VEBIP\_ProductException | ResellerProductDescription |
| STATUS | ProductException | StatusCode | VEBIP\_ProductException | StatusCode |
| REJECT\_REASON\_CODE | ProductException | ReasonCode | VEBIP\_ProductException | ReasonCode |
| EXCEPTION\_COUNT | ProductException | ExceptionCount | VEBIP\_ProductException | ExceptionCount |
| REPORT\_URL | ProductException | ReportURL | VEBIP\_ProductException | ReportURL |
| **Join Condition’s (If Any)** NA | | |  |  |

* + 1. ***DMO\_PARTNER\_EXP\_MIR***

This staging table contains the Real Time Partner Exception table data from PNP Source view.

Table Details

|  |  |  |  |
| --- | --- | --- | --- |
| Table Logical Type | Table Name | Schema | New/Existing |
| Staging | DMO\_PARTNER\_EXP\_MIR | DMODW | New |

Columns Details

|  |  |  |  |
| --- | --- | --- | --- |
| DB Column Name | Data Type | Staging1 | Columns Comments |
| PARTNER\_EXCEPTION\_SEQID | NUMBER(10) |  | Seq Key generated at EBIP side |
| COUNTRY | NVARCHAR2(10) |  | Country Name |
| PARTNER\_ID | NUMBER(10) |  | PartnerId |
| MD\_VAT\_ID | NVARCHAR2(50) |  | VAT ID of MD |
| MD\_NAME | NVARCHAR2(255) |  | MD Name |
| MD\_RESELLER\_VAT\_ID | NVARCHAR2(50) |  | Incorrect VAT Id |
| MD\_RESELLER\_NAME | NVARCHAR2(255) |  | Incorrect Name |
| RESELLER\_VAT\_ID | NVARCHAR2(50) |  | Corrected VAT Id |
| RESELLER\_NAME | NVARCHAR2(255) |  | Corrected Name |
| STATUS | NVARCHAR2(10) |  | Open or Closed |
| REJECT\_REASON\_CODE | NVARCHAR2(10) |  | Reason of Rejection |
| EXCEPTION\_COUNT | NUMBER(10) |  | No of records rejected |
| REPORT\_URL | NVARCHAR2(100) |  | Url of the report generated |
| CREATION\_USER | CHAR(9) |  | Created By |
| CREATION\_DATETIME | DATE |  | Date and Time of creation |

Source Mapping

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| DMO\_PARTNER\_EXP\_MIR | Source Table | Source Column Name | View Name | View Column Name |
| PARTNER\_EXCEPTION\_SEQID | PartnerException | PartnerExceptionId | VEBIP\_PartnerException | PartnerExceptionId |
| COUNTRY | PartnerException | CountryId | VEBIP\_PartnerException | CountryId |
| PARTNER\_ID | Partner | PartnerId | VEBIP\_PartnerException | ResellerPartnerID |
| MD\_VAT\_ID | PartnerException | MDVATID | VEBIP\_PartnerException | MDVATID |
| MD\_NAME | PartnerException | MDName | VEBIP\_PartnerException | MDName |
| MD\_RESELLER\_VAT\_ID | PartnerException | MDResellerVATID | VEBIP\_PartnerException | MDResellerVATID |
| MD\_RESELLER\_NAME | PartnerException | MDResellerName | VEBIP\_PartnerException | MDResellerName |
| RESELLER\_VAT\_ID | PartnerException | ResellerVATID | VEBIP\_PartnerException | ResellerVATID |
| RESELLER\_NAME | PartnerException | ResellerName | VEBIP\_PartnerException | ResellerName |
| STATUS | PartnerException | StatusCode | VEBIP\_PartnerException | StatusCode |
| REJECT\_REASON\_CODE | PartnerException | ReasonCode | VEBIP\_PartnerException | ReasonCode |
| EXCEPTION\_COUNT | PartnerException | ExceptionCount | VEBIP\_PartnerException | ExceptionCount |
| REPORT\_URL | PartnerException | ReportURL | VEBIP\_PartnerException | RepportURL |
| **Join Condition’s (If Any)** NA | | |  |  |

* + 1. ***DMO\_ORDER\_EXCEPTION\_MIR***

This staging table contains the Real Time Order Management exception data from PNP Source view.

Table Details

|  |  |  |  |
| --- | --- | --- | --- |
| Table Logical Type | Table Name | Schema | New/Existing |
| Staging | DMO\_ORDER\_EXCEPTION\_MIR | DMODW | New |

Columns Details

|  |  |  |  |
| --- | --- | --- | --- |
| DB Column Name | Data Type | Staging1 | Columns Comments |
| COUNTRY\_ORDER\_EXCEPTION\_ID | NUMBER(10) |  | Seq Key generated at EBIP side |
| COUNTRY\_ID | NUMBER(10) |  | Country Id |
| ORDER\_NUMBER | NVARCHAR2(10) |  | Order Number to be closed |
| INVOICE\_DATE | DATE |  | Invoice Generation Date |
| ACTIVE | VARCHAR2(1) |  | Record is Active or Removed |
| CREATED\_BY | NVARCHAR2(100) |  | User who created record |
| CREATED\_DATE | DATE |  | Date of creation |
| MODIFIED\_BY | NVARCHAR2(100) |  | User who modified record |
| MODIFIED\_DATE | DATE |  | Date of modification |
| CREATION\_USER | CHAR(9) |  | Created By |
| CREATION\_DATETIME | DATE |  | Date and Time of creation |

Source Mapping

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| DMO\_ORDER \_EXCEPTION\_MIR | Source Table | Source Column Name | View Name | View Column Name |
| COUNTRY\_ORDER\_EXCEPTION\_ID | CountryOrderException | CountryOrderExceptionId | VEBIP\_OrderException | CountryOrderExceptionId |
| COUNTRY\_ID | CountryOrderException | CountryId | VEBIP\_OrderException | CountryId |
| ORDER\_NUMBER | CountryOrderException | OrderNumber | VEBIP\_OrderException | OrderNumber |
| INVOICE\_DATE | CountryOrderException | InVoiceDae | VEBIP\_OrderException | InvoiceDate |
| ACTIVE | CountryOrderException | Computed | VEBIP\_OrderException | Active |
| CREATED\_BY | CountryOrderException | CreatedBy | VEBIP\_OrderException | CreatedBy |
| CREATED\_DATE | CountryOrderException | CreatedDate | VEBIP\_OrderException | CreatedDate |
| MODIFIED\_BY | CountryOrderException | ModifiedBy | VEBIP\_OrderException | ModifiedBy |
| MODIFIED\_DATE | CountryOrderException | ModifiedDate | VEBIP\_OrderException | ModifiedDate |
| **Join Condition’s (If Any)** NA | | |  |  |











* 1. **Staging Area 1 - Populate EBIP Current Snapshot**
     1. ***Control Table for EBIP Snapshot***

Table Details

This control table containing the list of EBIP Data Mart table list is maintained.

|  |  |  |  |
| --- | --- | --- | --- |
| Table Logical Type | Table Name | Schema | New/Existing |
| Control Table | DMO\_EBIP\_SNAPSHOT\_CTL | DMODM | New |

Columns Details

|  |  |  |
| --- | --- | --- |
| DB Column Name | Data Type | Columns Comments |
| DMO\_EBIP\_TABLE\_ID | NUMBER(10) | Seq Key generated at EBIP side |
| MOD\_TYPE | VARCHAR2(30) | Type of table(MIRROR or SNAPSHOT) |
| DMO\_EBIP\_ACTL\_TABLE\_NAME | VARCHAR2(36) | Physical Table Name |
| DMO\_EBIP\_TARG\_TABLE\_NAME | VARCHAR2(36) | Temporary Table Name |
| DMO\_EBIP\_DBLINK\_NAME | VARCHAR2(30) | DB Link |

* + 1. ***Populate the EBIP Current Snapshot***

Procedure Details

A database procedure is created to drive the creation of snapshot tables belonging to EBIP to compare each against the PNP source refresh and create the delta load.

|  |  |  |  |
| --- | --- | --- | --- |
| Object Type | Object Name | Schema | New/Existing |
| Procedure | DMO\_EBIP\_SNAPSHOT\_PRC | DMODW | New |

This procedure should implement logic to do the following,

* + - Read the physical table name from DMO\_EBIP\_ACTL\_TABLE\_NAME from DMO\_EBIP\_SNAPSHOT\_CTL table and from which drop and create a DMO\_EBIP\_TARG\_TABLE\_NAME
    - SQL command string gets created dynamically using execute immediate
    - Exception is handled for the drop statement when the table to be dropped is not found, which happens during the first execution.
    - Following are the expected list of table name (from DMO\_EBIP\_TARG\_TABLE\_NAME) entries found in DMO\_EBIP\_SNAPSHOT\_CTL for which the table gets created.
      1. DMO\_USER\_PROFILE\_TMP
      2. DMO\_USER\_ROLE\_TMP
      3. DMO\_TERRITORY\_TMP
      4. DMO\_USER\_HIERARCHY\_TMP
      5. DMO\_BDE\_TERRITORY\_TMP
      6. DMO\_COUNTRY\_TMP
      7. DMO\_CURRENCY\_TMP
      8. DMO\_PARTNER\_MASTER\_TMP
      9. DMO\_PARTNER\_MKT\_SEG\_TMP
      10. DMO\_PARTNER\_CHNL\_SEG\_TMP
      11. DMO\_SELLIN\_PROD\_PLAN\_TMP
      12. DMO\_SELOUT\_PROD\_PLAN\_TMP
      13. DMO\_SELLIN\_REV\_PLAN\_TMP
      14. DMO\_SELOUT\_RV\_BDE\_PLAN\_TMP
      15. DMO\_SELOUT\_RV\_RES\_PLAN\_TMP
      16. DMO\_PARTNER\_EXP\_TMP
      17. DMO\_ORDER\_EXCEPTION\_TMP
      18. DMO\_PRODUCT\_CATALOG\_TMP
      19. DMO\_PRODUCT\_HIERARCH\_TMP
      20. DMO\_PRODUCT\_EXP\_TMP
    1. ***Sample***

Build a cursor for DMO\_EBIP\_SNAPSHOT\_CTL and fetch from cursor the variables

* + - * para\_1 = “PRODUCT\_EXP\_TMP”
      * para\_2 = “PRODUCT\_EXCEPTION\_D”

Build the sql string

sqlstring\_d = “Drop table <para\_1>”

sqlstring\_c = “Create table as <para\_1> select \* from <para\_2>”

* 1. **Staging Area 2 – Populate Delta and History for Data Mart**
     1. ***Populate Delta Data***

Procedure Details

A database procedure is created to identify the delta record for each table, post the previous PNP refresh.

|  |  |  |  |
| --- | --- | --- | --- |
| Object Type | Object Name | Schema | New/Existing |
| Procedure | DMO\_EBIP\_DELTA\_PRC | DMODW | New |

This procedure should implement logic to do the following,

* + - In order to identify and capture the change occurred at PNP source system; we create a delta referencing the snapshot table from staging area 2 and staging tables mirroring from PNP source from staging area 1.
    - MINUS command is used to identify the delta.
    - <table\_name>\_tmp MINUS <table\_name>\_MIR should produce the required delta.
    - And this delta records gets populated into <table\_name>\_delta
    - Drop and Create these <table\_name>\_delta on every execution.
    1. ***Populate History Data***

Procedure Details

A database procedure is created to load the delta record for each table to maintain a staging area with history of audits at record level for each table

|  |  |  |  |
| --- | --- | --- | --- |
| Object Type | Object Name | Schema | New/Existing |
| Procedure | DMO\_EBIP\_HISTORY\_PRC | DMODW | New |

This procedure should implement logic to do the following,

* + - Delta table records is also reserved to audit the history
    - In order to capture the series of delta and maintain the track as history for each of the respective table for which is delta is captured the respective <table\_name>\_history gets created.
    - The data from <table\_name>\_delta gets appended to <table\_name>\_ history through simple INSERT.
    - Partition is created on the same if required.
    1. ***Staging Summary***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Staging Area 1 | | Staging Area 2 | |
| # | PNP Mirror (B) | Snapshot (A) | Delta (C = B minus A) | History (D = Append C with D) |
| 1 | DMO\_USER\_PROFILE\_MIR | DMO\_USER\_PROFILE\_TMP | DMO\_USER\_PROFILE\_DELTA | DMO\_USER\_PROFILE\_HISTORY |
| 2 | DMO\_USER\_ROLE\_MIR | DMO\_USER\_ROLE\_TMP | DMO\_USER\_ROLE\_DELTA | DMO\_USER\_ROLE\_HISTORY |
| 3 | DMO\_TERRITORY\_MIR | DMO\_TERRITORY\_TMP | DMO\_TERRITORY\_DELTA | DMO\_TERRITORY\_HISTORY |
| 4 | DMO\_USER\_HIERARCHY\_MIR | DMO\_USER\_HIERARCHY\_TMP | DMO\_USER\_HIERARCHY\_DELTA | DMO\_USER\_HIERARCHY\_HISTORY |
| 5 | DMO\_BDE\_TERRITORY\_MIR | DMO\_BDE\_TERRITORY\_TMP | DMO\_BDE\_TERRITORY\_DELTA | DMO\_BDE\_TERRITORY\_HISTORY |
| 6 | DMO\_COUNTRY\_MIR | DMO\_COUNTRY\_TMP | DMO\_COUNTRY\_DELTA | DMO\_COUNTRY\_HISTORY |
| 7 | DMO\_CURRENCY\_MIR | DMO\_CURRENCY\_TMP | DMO\_CURRENCY\_DELTA | DMO\_CURRENCY\_HISTORY |
| 8 | DMO\_PARTNER\_MASTER\_MIR | DMO\_PARTNER\_MASTER\_TMP | DMO\_PARTNER\_MASTER\_DELTA | DMO\_PARTNER\_MASTER\_HISTORY |
| 9 | DMO\_PARTNER\_MKT\_SEG\_MIR | DMO\_PARTNER\_MKT\_SEG\_TMP | DMO\_PARTNER\_MKT\_SEG\_DELTA | DMO\_PARTNER\_MKT\_SEG\_HISTORY |
| 10 | DMO\_PARTNER\_CHNL\_SEG\_MIR | DMO\_PARTNER\_CHNL\_SEG\_TMP | DMO\_PARTNER\_CHNL\_SEG\_DELTA | DMO\_PARTNER\_CHNL\_SEG\_HISTORY |
| 11 | DMO\_SELLIN\_PROD\_PLAN\_MIR | DMO\_SELLIN\_PROD\_PLAN\_TMP | DMO\_SELLIN\_PROD\_PLAN\_DELTA | DMO\_SELLIN\_PROD\_PLAN\_ HISTORY |
| 12 | DMO\_SELOUT\_PROD\_PLAN\_MIR | DMO\_SELOUT\_PROD\_PLAN\_TMP | DMO\_SELOUT\_PROD\_PLAN\_DELTA | DMO\_SELOUT\_PROD\_PLAN\_ HISTORY |
| 13 | DMO\_SELLIN\_REV\_PLAN\_MIR | DMO\_SELLIN\_REV\_PLAN\_TMP | DMO\_SELLIN\_REV\_PLAN\_DELTA | DMO\_SELLIN\_REV\_PLAN\_ HISTORY |
| 14 | DMO\_SELOUT\_RV\_BDE\_PLAN\_MIR | DMO\_SELOUT\_RV\_BDE\_PLAN\_TMP | DMO\_SELOUT\_RV\_BDE\_PLAN\_DELTA | DMO\_SELOUT\_RV\_BDE\_PLAN\_ HISTORY |
| 15 | DMO\_SELOUT\_RV\_RES\_PLAN\_MIR | DMO\_SELOUT\_RV\_RES\_PLAN\_TMP | DMO\_SELOUT\_RV\_RES\_PLAN\_DELTA | DMO\_SELOUT\_RV\_RES\_PLAN\_ HISTORY |
| 16 | DMO\_PARTNER\_EXP\_MIR | DMO\_PARTNER\_EXP\_TMP | DMO\_PARTNER\_EXP\_DELTA | DMO\_PARTNER\_EXP\_ HISTORY |
| 17 | DMO\_ORDER\_EXCEPTION\_MIR | DMO\_ORDER\_EXCEPTION\_TMP | DMO\_ORDER\_EXCEPTION\_DELTA | DMO\_ORDER\_EXCEPTION\_HISTORY |
| 18 | DMO\_PRODUCT\_CATALOG\_MIR | DMO\_PRODUCT\_CATALOG\_TMP | DMO\_PRODUCT\_CATALOG\_DELTA | DMO\_PRODUCT\_CATALOG\_HISTORY |
| 19 | DMO\_PRODUCT\_HIERARCH\_MIR | DMO\_PRODUCT\_HIERARCH\_TMP | DMO\_PRODUCT\_HIERARCH\_DELTA | DMO\_PRODUCT\_HIERARCH\_HISTORY |
| 20 | DMO\_PRODUCT\_EXP\_MIR | DMO\_PRODUCT\_EXP\_TMP | DMO\_PRODUCT\_EXP\_DELTA | DMO\_PRODUCT\_EXP\_HISTORY |

* + 1. ***Populate Dimension***

Procedure Details

A database procedure is created to load the delta record data into the respective dimension and look up table

|  |  |  |  |
| --- | --- | --- | --- |
| Object Type | Object Name | Schema | New/Existing |
| Procedure | DMO\_EBIP\_DELTA\_TO\_DM\_PRC | DMODW | New |

This procedure should implement logic to do the following,

* + - Load delta table records into its respective data mart table as listed in the mapping below.

|  |  |  |
| --- | --- | --- |
| Data Mart | Delta Table Name | Join Condition |
| DMO\_USER\_PROFILE\_D | DMO\_USER\_PROFILE\_DELTA | USER\_ID |
| DMO\_USER\_ROLE\_D | DMO\_USER\_ROLE\_DELTA | USER\_OP\_AREA\_ROLE\_ID |
| DMO\_TERRITORY\_D | DMO\_TERRITORY\_DELTA | TERRITORY\_ID |
| DMO\_USER\_HIERARCHY\_D | DMO\_USER\_HIERARCHY\_DELTA | This would be truncate and insert |
| DMO\_BDE\_TERRITORIES\_D | DMO\_BDE\_TERRITORY\_DELTA | BDE\_ID,USEROPAREAROLEID,SSALES\_TERRITORY\_NAME |
| DMO\_COUNTRY\_D | DMO\_COUNTRY\_DELTA | COUNTRY\_ID |
| DMO\_CURRENCY\_LT | DMO\_CURRENCY\_DELTA | COUNTRY\_CURRENCY\_ID |
| DMO\_PARTNER\_MASTER\_D | DMO\_PARTNER\_MASTER\_DELTA | PARTNER\_ID |
| DMO\_PARTNER\_MKT\_SEG\_D | DMO\_PARTNER\_MKT\_SEG\_DELTA | PARTNER\_ID,PARTNER\_MARKET\_SEGMET,BUSINESS\_SEGMENT |
| DMO\_PARTNER\_CHNL\_SEG\_D | DMO\_PARTNER\_CHNL\_SEG\_DELTA | PARTNER\_CHANNEL\_SEGMENT\_ID |
| DMO\_SELL\_IN\_PRODUCT\_PLAN\_D | DMO\_SELLIN\_PROD\_PLAN\_DELTA | PLAN\_ID,MD\_PARTNER\_ID,PRODUCT\_PART\_ID |
| DMO\_SELL\_OUT\_PRODUCT\_PLAN\_D | DMO\_SELOUT\_PROD\_PLAN\_DELTA | PLAN\_ID,BDE\_USER\_ID,RESELLER\_PARTNER\_ID,PRODUCT\_PART\_ID |
| DMO\_SELL\_IN\_REV\_PLAN\_D | DMO\_SELLIN\_REV\_PLAN\_DELTA | PLAN\_ID,BUSINESS\_SEGMENT\_ID,BUSINESS\_GROUP\_ID,BDM\_USER\_ID,MD\_PARTNER\_ID |
| DMO\_SELL\_OUT\_REV\_BDE\_PLAN\_D | DMO\_SELOUT\_RV\_BDE\_PLAN\_DELTA | PLAN\_ID,BDE\_USER\_ID,BUSINESS\_SEGMENT\_ID,BUSINESS\_GROUP\_ID |
| DMO\_SELL\_OUT\_REV\_RES\_PLAN\_D | DMO\_SELOUT\_RV\_RES\_PLAN\_DELTA | PLAN\_ID,OPERATION\_AREA\_ID,BUSINESS\_SEGMENT\_ID,BDE\_USER\_ID,RESELLER\_PARTNER\_ID |
| DMO\_PARTNER\_EXCEPTION\_D | DMO\_PARTNER\_EXP\_DELTA | PARTNER\_EXCEPTION\_SEQID |
| DMO\_ORDER\_EXCEPTION\_D | DMO\_ORDER\_EXCEPTION\_DELTA | COUNTRY\_ORDER\_EXCEPTION\_ID |
| DMO\_PRODUCT\_CATALOG\_D | DMO\_PRODUCT\_CATALOG\_DELTA | PRODUCT\_PART\_SEQUENCE\_ID |
| DMO\_PRODUCT\_HIERARCHY\_D | DMO\_PRODUCT\_HIERARCH\_DELTA | PRODUCT\_PART\_ID,COUNTRY\_ID |
| DMO\_PRODUCT\_EXCEPTION\_D | DMO\_PRODUCT\_EXP\_DELTA | PRODUCT\_EXCEPTION\_SEQID |

* 1. **Intermediate Fact**
     1. ***Order Management Exception Process***

For Sell In records user will enter a record in PNP with the following details:

* OrderNumber
* Invoice Date

**When new record is entered in PNP:**

Same record would be entered at EBIP side, DMO\_ORDER\_EXCEPTION\_D and columns ORDER\_EXP\_CLOSE\_DATE and ORDER\_EXCEPTION\_FLAG and ORDER\_STATUS would be updated in DMO\_SELL\_IN\_METRICS\_BASE\_F with INVOICE\_DATE ,ACTIVE\_FLAG in DMO\_ORDER\_EXCEPTION\_D and ORDER\_STATUS would be set to=’CLOSED’ respectively.

**When user removes the record from PNP:**

1. ACTIVE\_FLAG in DMO\_ORDER\_EXCEPTION\_D would be set to ‘N’ and column ORDER\_EXCEPTION\_FLAG in DMO\_SELL\_IN\_METRICS\_BASE\_F would be set to ‘N’.

The ORDER\_EXCEPTION\_FLAG value IN DMO\_SELL\_IN\_METRICS\_BASE\_F will indicate the Order Closing date for the respective Order Number.

IF ORDER\_EXCEPTION\_FLAG=’Y’, then Order Closing Date would be as ORDER\_EXP\_CLOSE\_DATE and the order would be considered for respective month’s metric calculations.

IF ORDER\_EXCEPTION\_FLAG=’N’, then Order Closing Date would be as received from the file and the order would be considered for respective month’s metric calculation.

**NOTE:** Once Order\_Status is CLOSED, it would not be changed.

* + 1. ***DMO\_SELL\_IN\_ERP\_ISC\_INTRM***

|  |  |  |
| --- | --- | --- |
| DMO\_SELL\_IN\_ERP\_ISC\_INTRM  (Target) | DMO\_SELL\_IN\_ERP\_STG  (Source) | DMO\_SELL\_IN\_ISC\_STG  (Source) |
| FILE\_NAME | FILE\_NAME | FILE\_NAME |
| FILE\_SEQ | FILE\_SEQ | FILE\_SEQ |
| FILE\_TYPE | ‘ERP’ | ‘ISC\_DMOW or ‘ISC\_DMOE’ |
| MD\_PARTNER\_ID | PARTNER\_ID | MD\_PARTNER\_ID |
| MD\_VAT\_ID | VAT\_ID | MD\_VAT\_ID |
| ORDER\_TYPE | ORDER\_TYPE | ORDER\_TYPE |
| SALES\_ORDER | SALES\_ORDER | SALES\_ORDER |
| ORDER\_DATE | ORDER\_CREATION\_DATE | ORDER\_CREATION\_DATE |
| ORDER\_STATUS | ORDER\_STATUS | ORDER\_STATUS |
| DMO\_ISC\_ORDER | DMO\_ISC\_ORDER | DMO\_ISC\_ORDER |
| ORDER\_LINE | SALES\_ORDER\_LINE | SALES\_ORDER\_LINE |
| LINE\_STATUS | LINE\_STATUS | LINE\_STATUS |
| PART\_NUMBER | PART\_NUMBER | PART\_NUMBER |
| QUANTITY | QUANTITY | QUANTITY |
| SALES\_PRICE | SALES\_PRICE | SALES\_PRICE |
| TRANSFER\_PRICE | TRANSFER\_PRICE | TRANSFER\_PRICE |
| RETURN\_FLAG | RETURN\_FLAG | RETURN\_FLAG |
| CURRENCY | CURRENCY | CURRENCY |
| INVOICE\_NUMBER | DMO\_ISC\_INVOICE | INVOICE\_NUMBER |
| INVOICE\_DATE | DMO\_ISC\_INVOICE\_DATE | INVOICE\_DATE |
| CUSTOMER\_INVOICE | CUSTOMER\_INVOICE | DMO\_ISC\_ORDER |
| CUSTOMER\_INVOICE\_DATE | CUSTOMER\_INVOICE\_DATE | ORDER\_CREATION\_DATE |
| COUNTRY\_CODE | Null | COUNTRY\_CODE |
| VAT\_ID | MD\_VAT\_ID | MD\_VAT\_ID |
| TAX | TAX | NULL |
| REJECT\_FLAG | ‘Y’ or ‘N’ | |
| REJECT\_REASON | List of fields subjected to record level validations are provided below | |



* + 1. ***DMO\_SELL\_IN\_METRICS\_BASE\_INTRM***

|  |  |  |
| --- | --- | --- |
| DMO\_SELL\_IN\_METRICS\_BASE\_INTRM (Target) | DMO\_SELL\_IN\_ERP\_ISC\_INTRM  (Source) | Aggregate/Expression |
| FILE\_SEQ | FILE\_SEQ |  |
| FILE\_NAME | FILE\_NAME |  |
| ORDER\_NUMBER | DMO\_ISC\_ORDER |  |
| INVOICE\_NUMBER | INVOICE\_NUMBER |  |
| SALES\_ORDER | SALES\_ORDER |  |
| ORDER\_LINE | ORDER\_LINE |  |
| PRODUCT\_PART\_ID | PART\_NUMBER |  |
| VAT\_ID | MD\_VAT\_ID |  |
| PARTNER\_ID | MD\_PARTNER\_ID |  |
| ORDER\_TYPE | ORDER\_TYPE |  |
| ORDER\_DATE | ORDER\_DATE |  |
| ORDER\_STATUS | ORDER\_STATUS |  |
| ORDER\_LINE\_STATUS | LINE\_STATUS |  |
| INVOICE\_DATE | INVOICE\_DATE |  |
| CURRENCY\_CODE | CURRENCY |  |
| QUANTITY | QUANTITY |  |
| SALE\_PRICE | SALE\_PRICE |  |
| OPEN ORDER COUNT | ORDER\_NUMBER,  ORDER\_LINE,  ORDER\_LINE\_STATUS |  |
| TRANSFER\_PRICE\_LOCAL | TRANSFER\_PRICE | Conversion algorithm(TRANSFER\_PRICE) |
| TRANSFER\_PRICE\_USD | TRANSFER\_PRICE | Conversion algorithm(TRANSFER\_PRICE) |
| REVENUE\_LOCAL | ORDER\_STATUS,  QUANTITY,  SALE\_PRICE | Conversion algorithm (REVENUE\_USD) |
| REVENUE\_USD | ORDER\_STATUS,  QUANTITY,  SALE\_PRICE | Conversion algorithm (REVENUE\_LOCAL) |
| TAX | TAX |  |
| RMA\_LOCAL | QUANTITY,  SALE\_PRICE,  Return\_Flag | Conversion algorithm (RMA\_USD) |
| RMA\_USD | QUANTITY,  SALE\_PRICE ,  Return\_Flag | Conversion algorithm (RMA\_LOCAL) |

* + 1. ***DMO\_SELLOUT\_METRICS\_BASE\_INTRM***

|  |  |  |
| --- | --- | --- |
| DMO\_SELLOUT\_METRICS\_BASE\_INTRM (Target) | DMO\_SELL\_OUT\_STG  (Source) | Aggregate/Expression |
| PRODUCT\_PART\_ID | PRODUCT\_PART\_ID |  |
| MD\_INVOICE\_NUMBER | INVOICE\_NUMBER |  |
| RESELLER\_VAT\_ID | RESELLER\_VAT\_ID | PARTNER\_EXCEPTION\_FLAG is set to ‘Y  refer section3.4.7.6’ when not matched with PARTNER\_MASTER TABLE |
| PRODUCT\_DESCRIPTION | PRODUCT\_PART\_DESCRIPTION | Exception flag is set refer section3.4.7.7 |
| MD\_INVOICE\_DATE | INVOICE\_DATE |  |
| MD\_PARTNER\_ID | PARTNER\_ID |  |
| RESELLER\_PARTNER\_ID | PARTNER\_ID | Using VAT\_ID look up PARTNER\_MASTER table);  when not matched PARTNER\_EXCEPTION\_FLAG is set to ‘Y  refer section3.4.7.6’ |
| CURRENCY\_CODE | CURRENCY\_CODE |  |
| ORIGINAL\_TRANSACTION\_ID | ORIGINAL\_TRANSACTION\_ID |  |
| ORIGINAL\_TRANSACTION\_DATE | ORIGINAL\_TRANSACTION\_DATE |  |
| MARKETING\_CONFIGURATION | MARKETTING\_CONFIGURATION |  |
| SERIAL\_NUMBER | SERIAL\_NUMBER |  |
| QUANTITY | QUANTITY\_SHIPPED |  |
| SALE\_PRICE | UNIT\_PRICE |  |
| REVENUE\_LOCAL | QUANTITY\_SHIPPED,  SALE\_PRICE | Conversion algorithm (REVENUE\_USD) |
| REVENUE\_USD |  | Conversion algorithm (REVENUE\_LOCAL) |
| RMA\_LOCAL | QUANTITY\_SHIPPED,  SALE\_PRICE | It is negative revenue at line item level, Where Transaction\_Type=81  QUANTITY\* SALE\_PRICE |
| RMA\_USD |  | Conversion algorithm (RMA\_LOCAL) |
| PARTNER\_EXCEPTION\_FLAG | PARTNER\_EXCEPTION\_FLAG | Exception Logic populates the flag |
| PARTNER\_EXCEPTION\_SEQID | Sequence Number used for new entry into PARTNER\_EXCEPTION table | Exception Logic populates the flag |
| PRODUCT\_EXCEPTION\_FLAG | PRODUCT\_EXCEPTION\_FLAG | Exception Logic populates the flag |
| PRODUCT\_EXCEPTION\_SEQID | Sequence Number used for new entry into PRODUCT\_EXCEPTION table | Exception Logic populates the flag |

* + 1. ***Product Exception***

Use Case Scenarios are explained in the document attached



Steps to update the respective records of fact table with exception corrected values and flag from PRODUCT\_EXCEPTION\_D table

1. The corrected product details from DMO\_PRODUCT\_EXCEPTION\_DELTA tables is identified for records with CLOSED status and the respective values are updated to DMO\_SELL\_OUT\_METRICS\_BASE\_F
2. For a given Product\_Exception\_SeqId record with CLOSED status in DMO\_PRODUCT\_EXCEPTION\_DELTA the respective ProductPart\_Id value gets updated to the DMO\_SELL\_OUT\_METRICS\_BASE\_F against the field Product\_Part\_Id for the matching Product\_Exception\_SeqId in fact table.
3. Also post the update into Fact Product\_Exp\_Correction\_Flag is set to “Y”
   * 1. ***Partner Exception***

Use Case Scenarios are explained in the document attached



Steps to update the respective records of fact table with exception corrected values and flag from PARTNER\_EXCEPTION\_D table

1. The corrected product details from DMO\_PARTNER\_EXCEPTION\_DELTA tables is identified for records with CLOSED status and the respective values are updated to DMO\_SELL\_OUT\_METRICS\_BASE\_F
2. For a given Partnert\_Exception\_SeqId record with CLOSED status in DMO\_PARTNER\_EXCEPTION\_DELTA the respective Reseller\_VAT\_Id value gets updated to the DMO\_SELL\_OUT\_METRICS\_BASE\_F against the respective VAT ID field for the matching Partner\_Exception\_SeqId in fact table.
3. Also post the update into Fact Partner\_Exp\_Correction\_Flag is set to “Y”
   1. **Final Fact Tables**
      1. ***DMO\_SELL\_IN\_METRICS\_BASE\_F***

|  |  |  |
| --- | --- | --- |
| DMO\_SELL\_IN\_METRICS\_BASE\_F (Target) | DMO\_SELL\_IN\_METRICS\_BASE\_INTRM  (Source) | Aggregate/Expression |
| ORDER\_NUMBER | ORDER\_NUMBER |  |
| INVOICE\_NUMBER | INVOICE\_NUMBER |  |
| SALES\_ORDER | SALES\_ORDER |  |
| ORDER\_LINE | ORDER\_LINE |  |
| PRODUCT\_PART\_ID | PRODUCT\_PART\_ID |  |
| VAT\_ID | VAT\_ID |  |
| PARTNER\_ID | PARTNER\_ID |  |
| ORDER\_TYPE | ORDER\_TYPE |  |
| ORDER\_DATE | ORDER\_DATE |  |
| ORDER\_STATUS | ORDER\_STATUS |  |
| ORDER\_LINE\_STATUS | LINE\_STATUS |  |
| INVOICE\_DATE | INVOICE\_DATE |  |
| CURRENCY\_CODE | CURRENCY |  |
| QUANTITY | QUANTITY |  |
| SALE\_PRICE | SALE\_PRICE |  |
| OPEN ORDER COUNT | OPEN ORDER COUNT |  |
| COST\_LOCAL | TRANSFER\_PRICE\_LOCAL |  |
| COST\_USD | TRANSFER\_PRICE\_USD |  |
| REVENUE\_LOCAL | REVENUE\_LOCAL |  |
| REVENUE\_USD | REVENUE\_USD |  |
| TAX | TAX |  |
| RMA\_LOCAL | RMA\_LOCAL |  |
| RMA\_USD | RMA\_USD |  |
| ORDER\_EXP\_INVOICE\_DATE | INVOICE\_DATE(DMO\_ORDER\_EXCEPTION\_D) | Invoice date as mentioned in DMO\_ORDER\_EXCEPTION\_D table. |
| ORDER\_EXP\_FLAG | ACTIVE(DMO\_ORDER\_EXCEPTION\_D) | ACTIVE FLAG as mentioned in DMO\_ORDER\_EXCEPTION\_D |
| **Join Condition**   |  | | --- | | ORDER\_NUMBER | | INVOICE\_NUMBER | | SALES\_ORDER | | ORDER\_LINE |   Apply Merge statement | | |

* + 1. ***DMO\_SELL\_OUT\_METRICS\_BASE\_F***

|  |  |  |
| --- | --- | --- |
| DMO\_SELL\_OUT\_METRICS\_BASE\_F  (Target) | DMO\_SELLOUT\_METRICS\_BASE\_INTRM (Source) | Aggregate/Expression |
| PRODUCT\_PART\_ID | PRODUCT\_PART\_ID |  |
| MD\_INVOICE\_NUMBER | MD\_INVOICE\_NUMBER |  |
| RESELLER\_VAT\_ID | RESELLER\_VAT\_ID |  |
| PRODUCT\_DESCRIPTION | PRODUCT\_DESCRIPTION |  |
| MD\_INVOICE\_DATE | MD\_INVOICE\_DATE |  |
| MD\_PARTNER\_ID | MD\_PARTNER\_ID |  |
| RESELLER\_PARTNER\_ID | RESELLER\_PARTNER\_ID |  |
| CURRENCY\_CODE | CURRENCY\_CODE |  |
| ORIGINAL\_TRANSACTION\_ID | ORIGINAL\_TRANSACTION\_ID |  |
| ORIGINAL\_TRANSACTION\_DATE | ORIGINAL\_TRANSACTION\_DATE |  |
| MARKETING\_CONFIGURATION | MARKETING\_CONFIGURATION |  |
| SERIAL\_NUMBER | SERIAL\_NUMBER |  |
| QUANTITY | QUANTITY |  |
| SALE\_PRICE | SALE\_PRICE |  |
| REVENUE\_LOCAL | REVENUE\_LOCAL |  |
| REVENUE\_USD | REVENUE\_USD |  |
| RMA\_LOCAL | RMA\_LOCAL |  |
| RMA\_USD | RMA\_USD |  |
| PARTNER\_EXCEPTION\_SEQID | PARTNER\_EXCEPTION\_SEQID |  |
| PARTNER\_EXP\_CORRECTION\_FLAG | Y or N or Null | Set to N when STATUS = OPEN  In DMO\_PARTNER\_EXCEPTION\_D table  for PARTNER\_EXCEPTION\_SEQID  Set to Y when STATUS = CLOSED  In DMO\_PARTNER\_EXCEPTION\_D table  PARTNER\_EXCEPTION\_SEQID  else  Null |
| PRODUCT\_EXCEPTION\_SEQID | PRODUCT\_EXCEPTION\_SEQID |  |
| PRODUCT\_EXP\_CORRECTION\_FLAG | Y or N or Null | Set to N when STATUS = OPEN  In DMO\_PRODUCT\_EXCEPTION\_D table  for PRODUCT\_EXCEPTION\_SEQID  Set to Y when STATUS = CLOSED  In DMO\_PRODUCT\_EXCEPTION\_D table  PRODUCT\_EXCEPTION\_SEQID  else  Null |
| **Join Condition**      N/A : Insert Only | | |

* + 1. ***DMO\_SELL\_IN\_OUT\_METRICS\_DRVD\_F***

|  |  |  |
| --- | --- | --- |
| DMO\_SELL\_IN\_OUT\_METRICS\_DRVD\_F (Target) | SELL\_IN\_METRICS\_BASE\_F  (Source) | SELL\_OUT\_METRICS\_BASE\_F  (Source) |
| PRODUCT\_PART\_ID | PRODUCT\_PART\_ID | PRODUCT\_PART\_ID |
| PARTNER\_ID | PARTNER\_ID | MD\_PARTNER\_ID |
| EFFECTIVE\_DATE | INVOICE\_DATE trunc to first day of month. | MD\_INVOICE\_DATE trunc to first day of month. |
| PRODUCT\_DESCRIPTION | DERIVED FROM DMODM.DMO\_PRODUCT\_CATATLOG\_D using PRODUCT\_PART\_ID | DERIVED FROM DMODM.DMO\_PRODUCT\_CATATLOG\_D using PRODUCT\_PART\_ID |
| SELL\_IN\_QUANTITY | SUM(QUANTITY) |  |
| SELL\_IN\_SALE\_PRICE | AVG(SALE\_PRICE), GROUP BY PRODUCT\_PART\_ID, PARTNER\_ID |  |
| SELL\_IN\_COST\_LOCAL | (REVENUE/QUANTITY), GROUP BY PARTNER\_ID,PRODUCT\_PART\_ID |  |
| SELL\_IN\_COST\_USD | Conversion Algorithm (COST\_ LOCAL) |  |
| SELL\_IN\_REVENUE\_LOCAL | sum (REVENUE\_LOCAL) |  |
| SELL\_IN\_REVENUE\_USD | Conversion Algorithm (REVENUE\_ LOCAL) |  |
| SELL\_IN\_TAX | sum (TAX) |  |
| SELL\_IN\_READY\_TO\_SHIP\_LOCAL | sum (SALE\_PRICE\*QUANTITY) where ORDER\_LINE\_STATUS =’PICKED’ |  |
| SELL\_IN\_READY\_TO\_SHIP\_USD | Conversion Algorithm (SELL\_IN\_READY\_TO\_SHIP\_LOCAL) |  |
| SELL\_IN\_OPEN\_ORDER\_LOCAL | Sum (SALE\_PRICE\*QUANTITY) where ORDER\_LINE\_STATUS is not ‘closed’ or ‘cancelled’ |  |
| SELL\_IN\_OPEN\_ORDER\_USD | Conversion Algorithm (SELL\_IN\_OPEN\_ORDER\_LOCAL) |  |
| SELL\_IN\_CONSTRAINT\_LOCAL | SELL\_IN\_OPEN\_ORDER\_LOCAL - SELL\_IN\_READY\_TO\_SHIP\_LOCAL |  |
| SELL\_IN\_CONSTRAINT\_USD | Conversion Algorithm (SELL\_IN\_CONSTRAINT\_LOCAL) |  |
| SELL\_IN\_INVNTRY\_REVENUE\_LOCAL | **= A+B+C**  where,  **A:** Previous Month Inventory =Sum of (QUANTITY\* SALE\_PRICE) ,  **B:** SELL\_IN\_REVENUE\_LOCAL of current month  **C:** SELL\_OUT\_REVENUE\_LOCAL of current month |  |
| SELL\_IN\_INVNTRY\_REVENUE\_USD | Conversion Algorithm (SELL\_IN\_INVENTORY\_REVENUE\_LOCAL) |  |
| SELL\_IN\_DAYS\_OF\_STOCK | **= (A/B)\*C**  where,  **A:** Previous Month Inventory =Sum of (QUANTITY\* SALE\_PRICE) ,  **B:** Sum of SELL\_OUT\_REVENUE for last 3 months,  **C:** MEASUREMENT\_DAYS |  |
| SELL\_IN\_RMA\_LOCAL | Sum (RMA\_LOCAL) |  |
| SELL\_IN\_RMA\_USD | Conversion Algorithm (RMA\_LOCAL) |  |
| SELL\_IN\_REVENUE\_DEFERALS\_LOCAL | If  SELL\_IN\_DAYS\_OF\_STOCK > TARGET\_DAYS\_ALLOWED then,  **(A\*B)-C**  Else,  **0**  WHERE,  **A:** Sum of SELL\_OUT\_REVENUE for last 3 months  **B:** TARGET\_DAYS\_ALLOWED  **C:** SELL\_IN\_INVENTORY\_REVENUE for Completed/Current month  If SELL\_OUT\_REVENUE for a month is not present then, for that month SELL\_IN\_REVENUE + 5% margin would be used as SELL\_OUT\_REVENUE. |  |
| SELL\_IN\_REVENUE\_DEFERALS\_USD | Conversion Algorithm (SELL\_IN\_REVENUE\_DEFERALS\_USD) |  |
| SELL\_OUT\_QUANTITY |  | Sum(QUANTITY) |
| SELL\_OUT\_SALE\_PRICE |  | AVG(SALE\_PRICE), GROUP BY PRODUCT\_PART\_ID, PARTNER\_ID |
| SELL\_OUT\_REVENUE\_LOCAL |  | sum (REVENUE\_LOCAL) |
| SELL\_OUT\_REVENUE\_USD |  | Conversion Algorithm (REVENUE\_ LOCAL) |
| SELL\_OUT\_RMA\_LOCAL |  | sum (RMA\_LOCAL) |
| SELL\_OUT\_RMA\_USD |  | Conversion Algorithm (RMA\_LOCAL) |
| SELL\_OUT\_MD\_COST\_LOCAL |  | sum(REVENUE) of 3 months  divided by  sum(QUANTITY) of 3 months |
| SELL\_OUT\_MD\_COST\_USD |  | Conversion Algorithm (SELL\_OUT\_MD\_COST\_LOCAL) |
| **Join Condition**   |  | | --- | | PRODUCT\_PART\_ID | | PARTNER\_ID | | EFFECTIVE\_DATE | | PRODUCT\_DESCRIPTION | | | |
| **Group By**   |  | | --- | | PRODUCT\_PART\_ID | | PARTNER\_ID | | EFFECTIVE\_DATE | | PRODUCT\_DESCRIPTION | | | |

* + 1. ***DMO\_SELL\_OUT\_REJECT\_F***

This table would contain the records from the MD Sell Out File which are rejected by the Validation Process.

The table structure would be same as the file with addition of RejectSequence ID , Rejection Reason, MD file Name ( denotes which MD has send this record in the file) and Load Date.

Daily an email would be trigger to the support team with an attachment containing the daily rejected sell out records.

Table Details

|  |  |  |  |
| --- | --- | --- | --- |
| Table Logical Type | Table Name | Schema | New/Existing |
| Final Fact | DMO\_SELL\_OUT\_REJECT\_F | ISRVE\_DMO\_DM | New |

Columns Details

|  |  |  |
| --- | --- | --- |
| DB Column Name | Data Type | Columns Comments |
| REJECT\_SEQ\_ID | NVARCHAR2(500) | Unique sequence ID generated for rejected records |
| INVOICE\_NUMBER | NVARCHAR2(500) | Invoice Number |
| INVOICE\_DATE | DATE | Invoice Date |
| RESELLER\_VAT\_ID | NVARCHAR2(500) | Reseller VAT Id |
| RESELLER\_ADDRESS | NVARCHAR2(500) | Reseller Address |
| RESELLER\_COUNTRY | NVARCHAR2(500) | Reseller Country Code |
| RESELLER\_CITY | NVARCHAR2(500) | Reseller City |
| RESELLER\_STATE | NVARCHAR2(500) | Reseller State |
| RESELLER\_ZIPCODE | NVARCHAR2(500) | Reseller Zipcode |
| RESELLER\_NAME | NVARCHAR2(500) | Reseller Name |
| RESELLER\_TELEPHONE | NVARCHAR2(500) | Reseller Telephone Number |
| MFR\_PART\_NUMBER | NVARCHAR2(500) | Unique Identifier for Product |
| PRODUCT\_DESCRIPTION | NVARCHAR2(500) | Product Description |
| QUANTITY\_SHIPPED | NUMBER(20) | Quantity |
| UNIT\_PRICE | NUMBER(20,6) | Price per Unit |
| CURRENCY\_CODE | NVARCHAR2(500) | Currency Code |
| MARKETING\_CONFIGURATION | NVARCHAR2(500) | Marketing Configuration |
| SERIAL\_NUMBER | NVARCHAR2(500) | Serial Number |
| TRANSACTION\_TYPE | NVARCHAR2(500) | Transaction Type Number (type=380) |
| ORIGINAL\_TRANSACTION\_ID | NVARCHAR2(500) | Original Transaction Id , applies for RMA (return) transactions |
| ORIGINAL\_TRANSACTION\_DATE | NVARCHAR2(500) | Original Transaction date , applies for RMA (return) transactions |
| REJECT\_REASON | NVARCHAR2(500) | Reason why the record was rejected |
| LOAD\_DATE | DATE | Date when the record is loaded into reject table |
| FILE\_NAME | NVARCHAR2(500) | Name of the MD file which contained the record |
| FILE\_SEQ | CHAR6 | Seq of the MD file which contained the record |
| PARTNER\_EXCEPTION\_ID | Integer | Unique value comes from partner exception sequence(dmodm.dmo\_partner\_exception\_d\_seq) |
| PRODUCT\_EXCEPTION\_ID | integer | Unique value comes from product exception sequence(dmodm.dmo\_product\_exception\_d\_seq) |

* + 1. ***DMO\_SELL\_IN\_ERP\_ISC\_REJECT\_F***

This table would contain the records from the Sell In ERP and ISC files which are rejected by the Validation Process.

The table structure would be same as the file with addition of RejectSequence ID , Rejection Reason, file Name, file type( ERP or ISC) and Load Date.

Daily an email would be trigger to the support team with an attachment containing the daily rejected sell in ERP and Sell In ISC records.

Table Details

|  |  |  |  |
| --- | --- | --- | --- |
| Table Logical Type | Table Name | Schema | New/Existing |
| Final Fact | DMO\_SELL\_IN\_ERP\_ISC\_REJECT\_F | ISRVE\_DMO\_DM | New |

Columns Details

|  |  |  |
| --- | --- | --- |
| DB Column Name | Data Type | Columns Comments |
| VAT\_ID | NVARCHAR2(500) | Vat ID |
| CUSTOMER\_NAME | NVARCHAR2(500) | Partner Name |
| ORDER\_TYPE | DATE | Order Type (Offshore/Onshore) |
| SALES\_ORDER | NVARCHAR2(500) | Sales Order Number |
| ORDER\_DATE | NVARCHAR2(500) | Sales Order Creation Date |
| ORDER\_STATUS | NVARCHAR2(500) | Status of the Order |
| DMO\_ISC\_ORDER | NVARCHAR2(500) | DMO ISC Order Number |
| ORDER\_LINE | NVARCHAR2(500) | Order Line Number |
| LINE\_STATUS | NVARCHAR2(500) | Order Line Status |
| PART\_NUMBER | NVARCHAR2(500) | Part Number |
| RETURN\_FLAG | NVARCHAR2(500) | Return Flag |
| QUANTITY | NVARCHAR2(500) | Quantity |
| SALES\_PRICE | NVARCHAR2(500) | Sales Price |
| TRANSFER\_PRICE | NUMBER(20) | Transfer Price/Cost |
| TAX | NUMBER(20,6) | Tax |
| DMO\_ISC\_INVOICE | NVARCHAR2(500) | DMO ISC Invoice Number |
| DMO\_ISC\_INVOICE\_DATE | NVARCHAR2(500) | DMO ISC Invoice Date |
| CURRENCY | NVARCHAR2(500) | Currency Code |
| CUSTOMER\_INVOICE | NVARCHAR2(500) | Customer Invoice Number |
| CUSTOMER\_INVOICE\_DATE | NVARCHAR2(500) | Customer Invoice Date |
| COUNTRY | NVARCHAR2(500) | Country |
| REJECT\_REASON | NVARCHAR2(500) | Reason why the record was rejected |
| LOAD\_DATE | NVARCHAR2(500) | Date when the record is loaded into reject table |
| FILE\_TYPE | NVARCHAR2(500) | Type of file (ERP or ISC) |
| FILE\_NAME | DATE | Name of the file |
| FILE\_SEQ | CHAR | Seq of the file which contained the record |
| REJECT\_REASON | NVARCHAR2(500) | Reason why the record was rejected |

* 1. **PNP to EBIP Views - Column level Mapping**



* 1. **EBIP to PNP Views**

The following views would be provided from EBIP to PNP (to be used for planning at PNP side):

1. DMO\_EBIP\_PNP\_SELL\_IN\_PROD\_VW
2. DMO\_EBIP\_PNP\_SELL\_IN\_REV\_VW
3. DMO\_EBIP\_PNP\_SELL\_OUT\_PROD\_VW
4. DMO\_EBIP\_PNP\_SELL\_OUT\_REV\_VW
5. DMO\_EBIP\_PNP\_TOP\_SELL\_IN\_VW
6. DMO\_EBIP\_PNP\_TOP\_SELL\_OUT\_VW
7. DMO\_PRODUCT\_PARTNER\_DSI\_VW

Spreadsheet for column level mapping and join conditions of EBIP views:



**SQL Scripts for the View created**



* 1. **B2A Metadata Spread Sheet**

**<TO BE FILLED >**

* 1. **Candidate Sources**
     1. ***Source Details***

|  |  |  |
| --- | --- | --- |
| Source System | Source System Available time | Source System Owner |
| PNP - PPM | Data will be available 24/7 every day | TCS |
|  |  |  |

* + 1. ***Source Feeds***

|  |  |  |  |
| --- | --- | --- | --- |
| Sourced from DB/Schema/File Location | Source File Name/Table name | Loading Strategy  (Eg. FTP, DB link , CDC tool, Java Code, WEB Focus &etc,, ) | Source Type  (Eg. Table, View, MV, Flat file & etc., ) |
| File | DMO\_MD\_Sellout.csv | External Table | Flat File |
| File | DMO\_ISC\_Sellin.csv | External Table | Flat File |
| File | DMO\_ERP\_Sellin.csv | External Table | Flat File |

* + 1. ***Source Access – DB Link***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| iSRVE DB link name | Remote DB Name | Remote DB IP Address | Remote DB SID | Remote DB Listening Port | Remote DB Contact name |
| PPM\_ISRVE | PPM PNP | - | - | - | - |
|  |  |  |  |  |  |

* + 1. ***Source Access – FTP***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| FTP Account | FTP Server Name | File Location | FTP Protocol used to Push | Pushed from |
| DMO\_ISCW | uz1302 | /u25/ftp/ISRVE\_FEEDS\_IN/DMO\_PPM/ISCW/ | sftp | ISC |
| DMO\_ISCE | uz1302 | /u25/ftp/ISRVE\_FEEDS\_IN/DMO\_PPM/ISCE/ | sftp | ISC |
| DMO\_ERP | uz1302 | /u25/ftp/ISRVE\_FEEDS\_IN/DMO\_PPM/MEXICO/ERP/ | sftp | ERP |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **PMG #** | **First Name** | **Last Name** | **Company (Optional)** | **Supplier ID** |
| 207716 | DMO | IMMX | Ingram MIcro Mexico SA DE CV | q4L7CCP4 |
| 207716 | DMO | ADMS | AZERTY DE MEXICO SA DE CV | q4L7CJ8V |
| 207716 | DMO | CTIN | CT Internacional Del Noroeste S DE CV | q4L7CP1T |
| 207716 | DMO | DTEK | Grupo Daisytek S.A. De C.V | q4L7CSR5 |
| 207716 | DMO | DCMY | DC Mayorista SA de CV | q4L7D3H8 |
| 207716 | DMO | EDNS | Exel Del Norte Sa PI DE CV | q4L7D8SV |

Read, write, delete access to respective user account and to their directory and sub directory

* For user DMO\_ADMS - DMO\_PPM/MEXICO/DMO\_ADMS
* For user DMO\_CTIN - DMO\_PPM/MEXICO/DMO\_CTIN
* For user DMO\_DTEK - DMO\_PPM/MEXICO/DMO\_DTEK
* For user DMO\_DCMY - DMO\_PPM/MEXICO/DMO\_DCMY
* For user DMO\_EDNS - DMO\_PPM/MEXICO/DMO\_EDNS
* For user DMO\_IMMX - DMO\_PPM/MEXICO/DMO\_IMMX

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| S.No | FILE /TABLE NAME | FILE DESCRIPTION | REPORT | Frequency / Time | Mode |
| 1 | DMO\_MD\_Sellout.csv | Master Distributor file | Sell out Reports | Daily/  00:01 - 07:00 AM,  08:00 - 09:00 AM | FTP/SFTP |
| 2 | DMO\_ISC\_Sellin.csv | DMO ISC file | Sell In Reports | Daily/  00:01 - 07:00 AM,  08:00 - 09:00 AM | FTP/SFTP |
| 3 | DMO\_ERP\_Sellin.csv | Local ERP file | Sell In Reports | Daily/  00:01 - 07:00 AM,  08:00 - 09:00 AM | FTP/SFTP |

* + 1. ***In bound / Out Bound – Shell Script***

|  |  |  |  |
| --- | --- | --- | --- |
| Sourced from DB/Schema/File Location | Source File Name/Table name | Loading Strategy  (Eg. FTP, DB link , CDC tool, Java Code, WEB Focus &etc,, ) | Source Type  (Eg. Table, View, MV, Flat file & etc., ) |
| NA | NA | NA | NA |

* + 1. ***In bound – SQL Loader / Data Pump / Import Utility***

NA

* + 1. ***Job Details (For Production Support turnover document)***

<To Be Filled>

1. **Exception Handling and Audits** 
   1. **GUI**
   2. **Report**
   3. **Data**

The below control table will show the current status of the jobs.

|  |  |  |
| --- | --- | --- |
| **ISRVE\_DMO\_DM. DMO\_EBIP\_JOB\_CNTL** | | |
| Column Name | Data Type | Column Description |
| PROJ\_NAME | NVARCHAR2(30) | Contains the Project / Business entity name |
| JOB\_NAME | NVARCHAR2(30) | Contains the Procedure name |
| JOB\_DESC | NVARCHAR2(100) | Contains the Job description |
| JOB\_SEQ | NUMBER | Sequence of the Job |
| JOB\_DATE | DATE | Run date of the job |
| JOB\_ST\_DT | DATE | Start time of the job |
| JOB\_END\_DT | DATE | End time of the job |
| REC\_CRTD\_BY | NVARCHAR2(30) | Record creating / updating Procedure name |
| REC\_CRTD\_DATE | DATE | Record creating / updating time |

The below audit table will be an INSERT only table and will contain the logs of the jobs.

|  |  |  |
| --- | --- | --- |
| **DMODM.DMO\_EBIP\_JOB\_LOG** | | |
| Column Name | Data Type | Column Description |
| PROJ\_NAME | NVARCHAR2(30) | Contains the Project / Business entity name |
| JOB\_NAME | NVARCHAR2(30) | Contains the Procedure name |
| JOB\_DESC | NVARCHAR2(100) | Contains the Job description |
| JOB\_SEQ | NUMBER | Sequence of the Job |
| JOB\_DATE | DATE | Run date of the job |
| LOG\_DATE | DATE | Logging Time |
| LOG\_MSG | NVARCHAR2(4000) | Log Message |
| LOG\_BY | NVARCHAR2(30) | Logging Procedure / Program Unit Name |

The below audit table will be an INSERT only table and will contain the error details of the jobs.

|  |  |  |
| --- | --- | --- |
| **DMODM.DMP\_EBIP\_JOB\_ERR** | | |
| Column Name | Data Type | Column Description |
| PROJ\_NAME | NVARCHAR2(30) | Contains the Project / Business entity name |
| JOB\_NAME | NVARCHAR2(30) | Contains the Procedure name |
| JOB\_DESC | NVARCHAR2(100) | Contains the Job description |
| JOB\_SEQ | NUMBER | Sequence of the Job |
| JOB\_DATE | DATE | Run date of the job |
| ERR\_DATE | DATE | Error Time |
| ERR\_MSG | NVARCHAR2(4000) | Error Message |
| LOG\_BY | NVARCHAR2(30) | Logging Procedure / Program Unit Name |

1. **Assumptions**
   * + 1. Manual file creation and data correction will be handled from business.
       2. Feed File needs to be placed at server location in the expected file format as agreed rather sending through emails.
       3. The comma is used as the field delimiter and when an actual comma in the content has to enclosed in double quotes
       4. PNP should ensure the exception table records.
       5. The exception process will correct the data in fact table for all records which is marked as CLOSED.
       6. The data available at PNP side will be complete in nature i.e. not incremental and at any point of time but EBIP process will fetch only the delta
       7. The order which is invoiced with future month or the older month will not be processed and the historical data will not be updated in this case. Example for feed of date 30 Nov – if the invoice date is from 01-Nov to 30 Nov then it will be taken into nov month consideration but if we receive the invoice Date prior to 01- nov-14 then it will not processed for older months
2. **Open Issues/Risks**

| **#** | **Issue Description** | **Open Date** | **Status** | **Owner** | **Impact** | **Action Item / Results** |
| --- | --- | --- | --- | --- | --- | --- |
| 1 | History Load Data |  | Open |  |  | Risk |
| 2 | Dependency on PNP to perform UAT with real time data. |  |  |  |  |  |
| 3 | To establish referential integrity for historical data |  | Open |  |  |  |
| 4 | All identified File sample issue needs to be addressed and Closed |  | Closed |  |  |  |
| 5 | File arriving on same day more than once will over write the existing file instead of executing independently |  | Closed |  |  |  |
| 6 | Feed File Format Sign-Off |  | Closed |  |  |  |

1. **Traceability**

| **Requirement Document** | **HLD Section Reference** | **DLD Section Reference** | **Comments** |
| --- | --- | --- | --- |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

1. **Glossary / Definition**

| Term | Description |
| --- | --- |
| BI | Business Intelligence |
| BDE | Business Development Executive |
| BDM | Business Development Manager |
| CY | Current Year |
| DMO | Developing Markets Operation |
| PPM | Partner Performance Management |
| PY | Prior Year |
| ERP | Enterprise resource planning |
| MD | Master distributor |
| DLD | Detail level design |