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| **JTI** |
| Trade Marketing Excellence Programme |
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| HLFD for file PR (Products) Version 19.1 |
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***DOCUMENT HISTORY***

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| --- | --- |
| 06/02/2019 | TME Phase 2 - HLFD Interface Products Version 17.docx |
| 25/10/2021 | TME Phase 2 - HLFD Interface Products Version 18.docx |
| 02/12/2021 | TME Phase 2 - HLFD Interface Products Version 18.1.docx |
| 22/03/2022 | TME Phase 2 - HLFD Interface Products Version 19.docx |
| 22/04/2022 | TME Phase 2 - HLFD Interface Products Version 19.1.docx |
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***REVIEWS***

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***APPROVALS***

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| **NAME** | **DATE** | **SIGNATURE** |
| 22/04/2022 | Miguel López |  |
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***VERSION HISTORY***

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| --- | --- | --- | --- | --- |
| **VERSION** | **EFFECTIVE**  **DATE** | **SUMMARY OF CHANGES** | **WRITTEN BY** | **STATUS** |
| 17.0 | 10/01/2017 | Initial version based on PR 16.3  As per CHG145933  **Section 3.6 & Section 5.1**   * Add new column ATTRIB\_53 | Vikram Seeburn | Open |
| 18.0 | 25/10/2021 | As per CHG213664 & CHG212558  Section 3.6 & Section 5.1 | Rhishna Ramen | Open |
| 18.1 | 02/12/2021 | Change LOV for X\_BASIS\_UOM\_CD | Miguel López |  |
| 19.0 | 22/03/2022 | As per CHG213528 : 26 New fields added  Section 3.6 & Section 5.1 | Frank Mingoué | Open |
| 19.1 | 22/03/2022 | As per BUG 37997  Section 3.6 :   * Change the EIM table from EIM\_PRDINT\_DTL to EIM\_PRDINT for the 26 new fields * Change the data type from N22,7 to N10,0 for the fields : X\_SHELF\_DIVIDER\_NUM , X\_SLOT\_DEPTH\_NUM,X\_SHELF\_DIV\_THICK\_NUM,X\_ROWS\_NUM,X\_FACING\_ROW\_NUM,X\_FACINGS\_NUM,X\_SLOTS\_FACING\_NUM,X\_GIFT\_FACTOR,X\_ORDER\_QTY\_FACT | Frank Mingoué | Open |

***DISTRIBUTION HISTORY***

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| **VERSION** | **COPY** | **ISSUED TO** | **DATE** | **ACTION REQUIRED** |
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# Table of Content

[0. Table of Content 3](#_Toc499037411)

[1. Introduction 4](#_Toc499037412)

[2. Glossary 4](#_Toc499037413)

[3. File contents 4](#_Toc499037414)

[3.1. Overview 4](#_Toc499037415)

[3.2. Frequency 4](#_Toc499037416)

[3.3. Systems 4](#_Toc499037417)

[3.4. Naming Convention 4](#_Toc499037418)

[3.5. File Delimiter 5](#_Toc499037419)

[3.6. Description of fields 6](#_Toc499037420)

[4. Loading of file data in Sales OLTP 12](#_Toc499037421)

[5. Validations 14](#_Toc499037422)

[5.1. LOVs 14](#_Toc499037423)

[5.2. Foreign keys 15](#_Toc499037424)

[5.3. Other functional validations 16](#_Toc499037425)

[5.4. Date Check 16](#_Toc499037426)

[6. IFB Files 16](#_Toc499037427)

[7. Product SCD table 17](#_Toc499037428)

# Introduction

This document gives the high-level description of file **Products, version 19**.

# Glossary

# File contents

## Overview

This document describes all fields that can be loaded in the products entity and all fields that are automatically generated during an EIM-load.

## Frequency

The file will be loaded daily or on an ad-hoc basis as per the market’s requirement.

## Systems

Multiple flat files are allowed from the market provided that they

1. are of the same group number
2. are unique in terms of version number and system Id

## Naming Convention

The file name is formed by concatenating the following fields:

* Country code, 2 characters:
  + IT for Italy
  + ES for Spain
* File Type, 2 characters: varies for each file type
* Version, 2 digits: revision version of the file type
* System Id, 2 digits: unique identifier for data source, given by the markets
* An underscore ('\_')
* Extraction date, in format YYYYMMDD. If the extraction is done overnight, the past day's date will be used (e.g., if data extracted between Monday and Tuesday, Monday's date will be used)
* An underscore ('\_')
* A group number. The group '10' will be used for normal extraction. Other groups will be used in exceptional cases (e.g., for data correction).
* File extension: '.txt'

Example: IEPR1901\_20220322\_10.txt is a file for Ireland, of type PR, Version **19**, coming from system 01, extracted on March 22nd, 2022, and belonging to group 10 (normal group).

## File Delimiter

The field delimiter is pipe, ‘|’.

## Description of fields

The corresponding EIM tables in Siebel OLTP are EIM\_PROD\_INT, EIM\_PRODINT\_DTL

The corresponding base tables in Siebel OLTP are S\_PROD\_INT, S\_PROD\_INT\_X & S\_PROD\_INT\_XM.

The primary keys for this file are: NAME, PROD\_BU, VENDR\_ACCNT\_NAME and VENDR\_ACCNT\_BU.

The following combination needs to be unique as well: PART\_NUM, PROD\_BU, VENDR\_ACCNT\_NAME and VENDR\_ACCNT\_BU.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Name** | **Type** | **Field is mandatory** | **Contents** | **Corresponding LOV Type** | **Corresponding EIM column** | **Corresponding Base column** |
| NAME | C100 | Y (PK) | Product Name |  | EIM\_PROD\_INT.NAME  EIM\_PRDINT\_DTL.PROD\_NAME | S\_PROD\_INT.NAME  S\_PROD\_INT\_X.PAR\_ROW\_ID  S\_PROD\_INT\_XM.PAR\_ROW\_ID |
| PROD\_BU | C100 | Y (PK) | Business unit of product  e.g. “Spain, ES” or “Italy, IT” |  | EIM\_PROD\_INT.PROD\_BU  EIM\_PRDINT\_DTL.PROD\_BU | S\_PROD\_INT.BU\_ID, S\_PROD\_INT\_BU.PROD\_INT\_ID  S\_PROD\_INT\_X.PAR\_ROW\_ID  S\_PROD\_INT\_XM.PAR\_ROW\_ID |
| VIS\_BU | C100 | Y | Business unit of product visibility  e.g. “Spain, ES” or “Italy, IT” |  | EIM\_PROD\_INT.VIS\_BU | S\_PROD\_INT\_BU.BU\_ID  S\_PROD\_INT\_XM.PAR\_ROW\_ID |
| VENDR\_ACCNT\_NAME | C50 | Y (PK) | Vendor Account unique code  If not given, will be looked up during loading process. | FK to S\_ORG\_EXT | EIM\_PROD\_INT.VENDR\_ACCNT\_NAME  EIM\_PRDINT\_DTL.VENDR\_ACCNT\_NAME | S\_PROD\_INT.VENDR\_OU\_ID, S\_PROD\_INT\_BU.PROD\_INT\_ID  S\_PROD\_INT\_X.PAR\_ROW\_ID  S\_PROD\_INT\_XM.PAR\_ROW\_ID |
| VENDR\_ACCNT\_BU | C100 | Y (PK) | Business unit of product vendor account  e.g. “Spain, ES” or “Italy, IT”  (Must be given only and only if vendor is given) | FK to S\_ORG\_EXT | EIM\_PROD\_INT.VENDR\_ACCNT\_BU  EIM\_PRDINT\_DTL.VENDR\_ACCNT\_BU | S\_PROD\_INT.VENDR\_OU\_ID, S\_PROD\_INT\_BU.PROD\_INT\_ID  S\_PROD\_INT\_X.PAR\_ROW\_ID  S\_PROD\_INT\_XM.PAR\_ROW\_ID |
| ACTIVE\_FLG | C1 | N | Active Flag |  | EIM\_PROD\_INT.ACTIVE\_FLG | S\_PROD\_INT.ACTIVE\_FLG |
| ORDERABLE\_FLG | C1 | N | Orderable Flag |  | EIM\_PROD\_INT.ORDERABLE\_FLG, VIS\_ORDERABLE\_FLG | S\_PROD\_INT.ORDERABLE\_FLG, S\_PROD\_INT\_BU.ORDERABLE\_FLG |
| SALES\_PROD\_FLG | C1 | N | Sales product flag |  | EIM\_PROD\_INT.SALES\_PROD\_FLG, VIS\_SALES\_PROD\_FLG | S\_PROD\_INT.SALES\_PROD\_FLG, S\_PROD\_INT\_BU.SALES\_PROD\_FLG |
| SALES\_SRVC\_FLG | C1 | N | Sales/Service flag |  | EIM\_PROD\_INT.SALES\_SRVC\_FLG | S\_PROD\_INT.SALES\_SRVC\_FLG |
| CASE\_PACK | N22,7 | N | Case Pack |  | EIM\_PROD\_INT.CASE\_PACK | S\_PROD\_INT.CASE\_PACK |
| EFF\_END\_DT | D | N | Effective End Date |  | EIM\_PROD\_INT.EFF\_END\_DT | S\_PROD\_INT.EFF\_END\_DT |
| EFF\_START\_DT | D | N | Effective Start Date |  | EIM\_PROD\_INT.EFF\_START\_DT | S\_PROD\_INT.EFF\_START\_DT |
| GROSS\_MGN | N22,7 | N | Gross Mgn |  | EIM\_PROD\_INT.GROSS\_MGN | S\_PROD\_INT.GROSS\_MGN |
| PART\_NUM | C28 | Y | Part Number (= Product Code), has to be unique and can be maximum 28 characters long |  | EIM\_PROD\_INT.PART\_NUM | S\_PROD\_INT.PART\_NUM |
| ALIAS\_NAME | C100 | N | Alternative code |  | EIM\_PROD\_INT.ALIAS\_NAME | S\_PROD\_INT.ALIAS\_NAME |
| TYPE | C30 | N | Product Type | LOVB: PRODUCT\_TYPE | EIM\_PROD\_INT.TYPE | S\_PROD\_INT.TYPE |
| SUB\_TYPE\_CD | C30 | N | Product Level | MLOV: PRODUCT\_LEVEL | EIM\_PROD\_INT.SUB\_TYPE\_CD | S\_PROD\_INT.SUB\_TYPE\_CD |
| X\_SUB\_CATEGORY\_CD | C30 | N | Product Sub Category | MLOV: JTI\_SUB\_TYPE | EIM\_PROD\_INT.X\_SUB\_CATEGORY | S\_PROD\_INT.X\_SUB\_CATEGORY |
| DETAIL\_TYPE\_CD | C30 | N | Material type | MLOV: FINCORP\_PROD\_ADMIN\_CLASS\_MLOV | EIM\_PROD\_INT.DETAIL\_TYPE\_CD | S\_PROD\_INT.DETAIL\_TYPE\_CD |
| DESC\_TEXT | C255 | N | Product description |  | EIM\_PROD\_INT.DESC\_TEXT | S\_PROD\_INT.DESC\_TEXT |
| RTRN\_DEFECTIVE\_FLG | C1 | N | Return Defective Flag |  | EIM\_PROD\_INT.RTRN\_DEFECTIVE\_FLG | S\_PROD\_INT.RTRN\_DEFECTIVE\_FLG |
| SERIALIZED\_FLG | C1 | N | Serialized Flag |  | EIM\_PROD\_INT.SERIALIZED\_FLG | S\_PROD\_INT.SERIALIZED\_FLG |
| TGT\_REGION\_CD | C30 | N | Region | LOVB: STATE\_ABBREV | EIM\_PROD\_INT.TGT\_REGION\_CD | S\_PROD\_INT.TGT\_REGION\_CD |
| TOOL\_FLG | C1 | N | Tool Flag |  | EIM\_PROD\_INT.TOOL\_FLG | S\_PROD\_INT.TOOL\_FLG |
| PAR\_PROD\_CODE | C30 | N | Parent Product Code | FK to S\_PROD\_INT | EIM\_PROD\_INT.PAR\_PROD\_NAME | S\_PROD\_INT.PAR\_PROD\_INT\_ID |
| PAR\_PROD\_BI | C100 | N | Business unit of Parent Product  E.g. “Spain, ES” or “Italy, IT” | FK to S\_PROD\_INT | EIM\_PROD\_INT.PAR\_PROD\_BU | S\_PROD\_INT.PAR\_PROD\_INT\_ID |
| X\_FLAVOUR\_TYPE\_CD | C30 | N | Flavor Type | MLOV: FLAVOUR\_TYPE | EIM\_PROD\_INT.X\_FLAVOUR\_TYPE\_CD | S\_PROD\_INT.X\_FLAVOUR\_TYPE\_CD |
| X\_NICOTINE\_VALUE | N22,7 | N | Nicotine Value |  | EIM\_PROD\_INT.X\_NICOTINE\_VALUE | S\_PROD\_INT.X\_NICOTINE\_VALUE |
| X\_BLEND\_TYPE\_CD | C30 | N | Blend Type | MLOV: BLEND\_TYPE | EIM\_PROD\_INT.X\_BLEND\_TYPE\_CD | S\_PROD\_INT.X\_BLEND\_TYPE\_CD |
| X\_CARBON\_MONOXYDE | N22,7 | N | Carbon Monoxide |  | EIM\_PROD\_INT.X\_CARBON\_MONOXYDE | S\_PROD\_INT.X\_CARBON\_MONOXYDE |
| X\_CIG\_CIRC | C30 | N | Cigarette Circumference | MLOV: CIGARETTE\_CIRC | EIM\_PROD\_INT.X\_CIG\_CIRC | S\_PROD\_INT.X\_CIG\_CIRC |
| X\_CIG\_LENGTH | C30 | N | Stick Length | MLOV: STICK\_LENGTH | EIM\_PROD\_INT.X\_CIG\_LENGTH | S\_PROD\_INT.X\_CIG\_LENGTH |
| X\_CIG\_LENGTH\_VALUE | N11,7 | N | Stick Length Value |  | EIM\_PROD\_INT.X\_CIG\_LENGTH\_VALUE | S\_PROD\_INT.X\_CIG\_LENGTH\_VALUE |
| X\_FILTER\_TYPE\_CD | C30 | N | Filter Type | MLOV: FILTER\_TYPE | EIM\_PROD\_INT.X\_FILTER\_TYPE\_CD | S\_PROD\_INT.X\_FILTER\_TYPE\_CD |
| X\_FOR\_EXPORT\_FLG | C1 | N | Export Flag |  | EIM\_PROD\_INT.X\_FOR\_EXPORT\_FLG | S\_PROD\_INT.X\_FOR\_EXPORT\_FLG |
| X\_IMPORTED\_FLG | C1 | N | Domestic - Import |  | EIM\_PROD\_INT.X\_IMPORTED\_FLG | S\_PROD\_INT.X\_IMPORTED\_FLG |
| X\_PACK\_SIZE\_CD | C30 | N | Pack Size | MLOV: PACK\_SIZE | EIM\_PROD\_INT.X\_PACK\_SIZE\_CD | S\_PROD\_INT.X\_PACK\_SIZE\_CD |
| X\_PACK\_TYPE\_CD | C30 | N | Pack Type | MLOV: PACK\_TYPE | EIM\_PROD\_INT.X\_PACK\_TYPE\_CD | S\_PROD\_INT.X\_PACK\_TYPE\_CD |
| X\_STENGTH\_PERC\_CD | C30 | N | Strength Perception | MLOV: STRENGTH\_TYPE | EIM\_PROD\_INT.X\_STENGTH\_PERC\_CD | S\_PROD\_INT.X\_STENGTH\_PERC\_CD |
| X\_STICK\_COUNT | N22,7 | N | Stick Count |  | EIM\_PROD\_INT.X\_STICK\_COUNT | S\_PROD\_INT.X\_STICK\_COUNT |
| X\_TAR\_CD | C30 | N | Tar Range | MLOV: TAR\_RANGE | EIM\_PROD\_INT.X\_TAR\_CD | S\_PROD\_INT.X\_TAR\_CD |
| X\_TAR\_VALUE | N10,7 | N | Tar Value |  | EIM\_PROD\_INT.X\_TAR\_VALUE | S\_PROD\_INT.X\_TAR\_VALUE |
| X\_SALES\_ORG | C100 | N | Sales Organization | MLOV: SALES\_ORGANIZATION | EIM\_PROD\_INT.X\_SALES\_ORG | S\_PROD\_INT.X\_SALES\_ORG |
| X\_PRICE\_PERCEPT\_CD | C30 | N | Price Perception | MLOV: PRICE\_PERCEP | EIM\_PROD\_INT.X\_PRICE\_PERCEPT\_CD | S\_PROD\_INT.X\_PRICE\_PERCEPT\_CD |
| PROD\_ATTRIB02\_CD | C30 | N | Product Color |  | EIM\_PROD\_INT.PROD\_ATTRIB02\_CD | S\_PROD\_INT.PROD\_ATTRIB02\_CD |
| X\_PROMO\_BUNDLE\_FLG | C1 | N | Promotional Bundle flag |  | EIM\_PROD\_INT.X\_PROMO\_BUNDLE\_FLG | S\_PROD\_INT.X\_PROMO\_BUNDLE\_FLG |
| X\_JTI\_COST\_1 | N22,7 | N | VM Cost |  | EIM\_PROD\_INT.X\_JTI\_COST\_1 | S\_PROD\_INT.X\_JTI\_COST1 |
| X\_JTI\_COST\_2 | N22,7 | N | JTI Cost 2 |  | EIM\_PROD\_INT.X\_JTI\_COST\_2 | S\_PROD\_INT.X\_JTI\_COST2 |
| MIN\_ORDER\_UNITS | N22.7 | N | Minimum Order Units |  | MIN\_ORDER\_UNITS | S\_PROD\_INT.MIN\_ORDER\_UNITS |
| ATTRIB\_01 | C30 | N | Attribute 1 | LOVB: JTI\_PRODUCT\_STATUS | X\_ATTRIB\_01 | S\_PROD\_INT.X\_ATTRIB\_01 |
| ATTRIB\_02 | C1 | N | Attribute 2 |  | X\_ATTRIB\_02 | S\_PROD\_INT.X\_ATTRIB\_02 |
| ATTRIB\_03 | C30 | N | Attribute 3 |  | X\_ATTRIB\_03 | S\_PROD\_INT.X\_ATTRIB\_03 |
| ATTRIB\_04 | N22,7 | N | # Packs per Carton |  | X\_ATTRIB\_04 | S\_PROD\_INT.X\_ATTRIB\_04 |
| ATTRIB\_05 | N22,7 | N | # Cartons per Box |  | X\_ATTRIB\_05 | S\_PROD\_INT.X\_ATTRIB\_05 |
| ATTRIB\_06 | N22,7 | N | # Sticks/Grams per Carton |  | X\_ATTRIB\_06 | S\_PROD\_INT.X\_ATTRIB\_06 |
| ASSET\_FLG | C1 | N | Asset Flag |  | X\_ASSET\_FLG | S\_PROD\_INT.X\_ASSET\_FLG |
| X\_AUDITABLE\_FLG | C1 | N | Sales / Merchandising Audit Flag |  | X\_AUDITABLE\_FLG | S\_PROD\_INT.X\_AUDITABLE\_FLG |
| X\_PRICE\_PERC\_AUDIT\_FLG | C1 | N | Price Perception Audit |  | X\_PRICE\_PERC\_AUDIT\_FLG | S\_PROD\_INT.X\_PRICE\_PERC\_AUDIT\_FLG |
| X\_EXCLUDE\_FLG | C1 | N | Exclude from Distribution List Flag |  | X\_EXCLUDE\_FLG | S\_PROD\_INT.X\_EXCLUDE\_FLG |
| X\_NEGATIVE\_STOCK\_FLG | C1 | N | Negative Transactions Not Allowed |  | X\_NEGATIVE\_STOCK\_FLG | S\_PROD\_INT.X\_NEGATIVE\_STOCK\_FLG |
| X\_CONTRACT\_FLG | C1 | N | Contractible |  | X\_CONTRACT\_FLG | S\_PROD\_INT.X\_CONTRACT\_FLG |
| X\_VISIBLE\_FLG | C1 | N | Visible Stock Flag |  | X\_VISIBLE\_STOCK\_FLG | S\_PROD\_INT.X\_VISIBLE\_STOCK\_FLG |
| X\_CARBON\_DIOXYDE | N22,7 | N | Carbon dioxide |  | X\_CARBON\_DIOXYDE | S\_PROD\_INT.X\_CARBON\_DIOXYDE |
| X\_WEIGHT\_NUM | N10,7 | N | Weight |  | X\_WEIGHT\_NUM | S\_PROD\_INT.X\_WEIGHT\_NUM |
| X\_WIDTH\_NUM | N10,7 | N | Width |  | X\_WIDTH\_NUM | S\_PROD\_INT.X\_WIDTH\_NUM |
| X\_HEIGHT\_NUM | N10,7 | N | Height |  | X\_HEIGHT\_NUM | S\_PROD\_INT.X\_HEIGHT\_NUM |
| X\_LENGTH\_NUM | N10,7 | N | Length |  | X\_LENGTH\_NUM | S\_PROD\_INT.X\_LENGTH\_NUM |
| DISTRIBUTION\_COST | N22,7 | N | Distribution Cost |  | X\_DISTRIBUTION\_COST\_NUM | S\_PROD\_INT.X\_DISTRIBUTION\_COST\_NUM |
| SEQUENCE | N22,7 | N | Sequence |  | X\_ANALYSIS\_SEQUENCE\_NUM | S\_PROD\_INT.X\_ANALYSIS\_SEQUENCE\_NUM |
| X\_TOBACCO\_WEIGHT | N22,7 | N | Tobacco Weight |  | X\_TOBACCO\_WEIGHT | S\_PROD\_INT.X\_TOBACCO\_WEIGHT |
| X\_ERP\_COST\_CENTRE\_NUM | N22,7 | N |  |  | EIM\_PROD\_INT. X\_ERP\_COST\_CENTRE\_NUM | S\_PROD\_INT. X\_ERP\_COST\_CENTRE\_NUM |
| X\_ERP\_PROFIT\_CENTRE\_NUM | N22,7 | N |  |  | EIM\_PROD\_INT. X\_ERP\_PROFIT\_CENTRE\_NUM | S\_PROD\_INT. X\_ERP\_PROFIT\_CENTRE\_NUM |
| X\_PACK\_BARCODE\_NUM | N22,7 | N |  |  | EIM\_PROD\_INT. X\_PACK\_BARCODE\_NUM | S\_PROD\_INT. X\_PACK\_BARCODE\_NUM |
| X\_TRADED\_UNIT\_TYPE\_CD | C30 | N |  | MLOV:JTI\_TRADED\_UNIT\_TYPE | EIM\_PROD\_INT. X\_TRADED\_UNIT\_TYPE\_CD | S\_PROD\_INT. X\_TRADED\_UNIT\_TYPE\_CD |
| X\_EQUIVALENT\_CARTONS\_NUM | N22,7 | N |  |  | EIM\_PROD\_INT. X\_EQUIVALENT\_CARTONS\_NUM | S\_PROD\_INT. X\_EQUIVALENT\_CARTONS\_NUM |
| X\_TRADED\_UNIT\_CARTONS\_NUM | N22,7 | N | Cartons per Traded Unit |  | EIM\_PROD\_INT. X\_CARTONS\_UNIT\_NUM | S\_PROD\_INT. X\_CARTONS\_UNIT\_NUM |
| X\_SAP\_MAT\_NUM | C30 | N | SAP Material Description |  | EIM\_PROD\_INT.X\_SAP\_MAT\_NUM | S\_PROD\_INT. X\_SAP\_MAT\_NUM |
| X\_ATTRIB\_04 | D | N | Attribute 4  Format : YYYY/MM/DD |  |  |  |
| VIVALDI\_GLOBAL\_COMPANY | C100 | N |  | Field will still be present in FF structure but will not be loaded in DB. |  |  |
| VIVALDI\_FAMILY | C100 | N |  | Field will still be present in FF structure but will not be loaded in DB. |  |  |
| VIVALDI\_SUB\_FAMILY | C100 | N |  | Field will still be present in FF structure but will not be loaded in DB. |  |  |
| VIVALDI\_BRAND | C100 | N |  | Field will still be present in FF structure but will not be loaded in DB. |  |  |
| VIVALDI\_SUB\_BRAND | C100 | N |  | Field will still be present in FF structure but will not be loaded in DB. |  |  |
| VIVALDI\_LOCAL\_COMPANY | C100 | N |  | Field will still be present in FF structure but will not be loaded in DB. |  |  |
| VIVALDI\_PRICE\_PERCEPTION | C30 | N |  | Field will still be present in FF structure but will not be loaded in DB. |  |  |
| VIVALDI\_FILTER\_TYPE | C30 | N |  | Field will still be present in FF structure but will not be loaded in DB. |  |  |
| VIVALDI\_BLEND\_TYPE | C30 | N |  | Field will still be present in FF structure but will not be loaded in DB. |  |  |
| DIAMETER | N22,7 | N | Diameter |  | EIM\_PRDINT\_DTL. EXT\_ATTRIB\_14 | S\_PROD\_INT\_X. ATTRIB\_14 |
| FILTER\_LENGTH | N22,7 | N | Filter Length |  | EIM\_PRDINT\_DTL. EXT\_ATTRIB\_15 | S\_PROD\_INT\_X. ATTRIB\_15 |
| DEFAULT\_LOCATION\_TYPE | C30 | N | Default Location Type | MLOV:JTI\_LOC\_TYPE | EIM\_PROD\_INT.X\_DEF\_LOC\_TYPE\_CD | S\_PROD\_INT.X\_DEF\_LOC\_TYPE\_CD |
| X\_DEST\_COST | N22,7 | N | Destination Cost |  | EIM\_PROD\_INT.X\_DESTN\_COST | S\_PROD\_INT.X\_DESTN\_COST |
| X\_CONTRACT\_TYPE | C30 | N | Contract Item Types  It is a Multi-value field in sales  Is mandatory for products of Category “Contract Item”. If no contract type is added, the product is not visible to any contract type.  Values can also be added for other categories like Incentives |  | EIM\_PRDINT\_DTL.XM\_NAME | S\_PROD\_INT\_XM.NAME |
| X\_ATTRIB\_06 | C30 | N | JTI PR Local Attribute 1 | MLOV: JTI\_PR\_ATTRIB1 | EIM\_PRDINT\_DTL. EXT\_ATTRIB\_06 | S\_PROD\_INT\_X. ATTRIB\_06 |
| ATTRIB\_07 | C30 | N | JTI PR Local Attribute 2 | MLOV: JTI\_PR\_ATTRIB2 | EIM\_PRDINT\_DTL. EXT\_ATTRIB\_07 | S\_PROD\_INT\_X. ATTRIB\_07 |
| X\_PR\_LOCAL\_ATTRIBUTE1 | C30 | N | JTI PR Local Attribute 3 | MLOV: JTI\_PR\_ATTRIB3 | EIM\_PRDINT\_DTL. X\_PR\_LOCAL\_ATTRIBUTE1 | S\_PROD\_INT\_X. X\_PR\_LOCAL\_ATTRIBUTE1 |
| X\_PR\_LOCAL\_ATTRIBUTE2 | C30 | N | JTI PR Local Attribute 4 | MLOV: JTI\_PR\_ATTRIB4 | EIM\_PRDINT\_DTL. X\_PR\_LOCAL\_ATTRIBUTE2 | S\_PROD\_INT\_X. X\_PR\_LOCAL\_ATTRIBUTE2 |
| X\_PR\_LOCAL\_ATTRIBUTE3 | C30 | N | JTI PR Local Attribute 5 | MLOV: JTI\_PR\_ATTRIB5 | EIM\_PRDINT\_DTL. X\_PR\_LOCAL\_ATTRIBUTE3 | S\_PROD\_INT\_X. X\_PR\_LOCAL\_ATTRIBUTE3 |
| X\_PR\_LOCAL\_ATTRIBUTE4 | C30 | N | JTI PR Local Attribute 6 | MLOV: JTI\_PR\_ATTRIB6 | EIM\_PRDINT\_DTL. X\_PR\_LOCAL\_ATTRIBUTE4 | S\_PROD\_INT\_X. X\_PR\_LOCAL\_ATTRIBUTE4 |
| X\_PR\_LOCAL\_ATTRIBUTE5 | N22,7 | N | JTI PR Local Attribute 7 |  | EIM\_PRDINT\_DTL. X\_PR\_LOCAL\_ATTRIBUTE5 | S\_PROD\_INT\_X. X\_PR\_LOCAL\_ATTRIBUTE5 |
| X\_PR\_LOCAL\_ATTRIBUTE6 | N22,7 | N | JTI PR Local Attribute 8 |  | EIM\_PRDINT\_DTL. X\_PR\_LOCAL\_ATTRIBUTE6 | S\_PROD\_INT\_X. X\_PR\_LOCAL\_ATTRIBUTE6 |
| X\_PR\_LOCAL\_ATTRIBUTE7 | N22,7 | N | JTI PR Local Attribute 9 |  | EIM\_PRDINT\_DTL. X\_PR\_LOCAL\_ATTRIBUTE7 | S\_PROD\_INT\_X. X\_PR\_LOCAL\_ATTRIBUTE7 |
| X\_PR\_LOCAL\_ATTRIBUTE8 | N22,7 | N | JTI PR Local Attribute 10 |  | EIM\_PRDINT\_DTL. X\_PR\_LOCAL\_ATTRIBUTE8 | S\_PROD\_INT\_X. X\_PR\_LOCAL\_ATTRIBUTE8 |
| X\_PR\_LOCAL\_ATTRIBUTE9 | N22,7 | N | JTI PR Local Attribute 11 |  | EIM\_PRDINT\_DTL. X\_PR\_LOCAL\_ATTRIBUTE9 | S\_PROD\_INT\_X. X\_PR\_LOCAL\_ATTRIBUTE9 |
| X\_PR\_LOCAL\_ATTRIBUTE10 | N22,7 | N | JTI PR Local Attribute 12 |  | EIM\_PRDINT\_DTL. X\_PR\_LOCAL\_ATTRIBUTE10 | S\_PROD\_INT\_X. X\_PR\_LOCAL\_ATTRIBUTE10 |
| X\_PR\_LOCAL\_ATTRIBUTE11 | N22,7 | N | JTI PR Local Attribute 13 |  | EIM\_PRDINT\_DTL. X\_PR\_LOCAL\_ATTRIBUTE11 | S\_PROD\_INT\_X. X\_PR\_LOCAL\_ATTRIBUTE11 |
| X\_PR\_LOCAL\_ATTRIBUTE12 | N22,7 | N | JTI PR Local Attribute 14 |  | EIM\_PRDINT\_DTL. X\_PR\_LOCAL\_ATTRIBUTE12 | S\_PROD\_INT\_X. X\_PR\_LOCAL\_ATTRIBUTE12 |
| X\_ATTRIB\_55 | D | N | JTI PR Local Attribute 15 |  | EIM\_PRDINT\_DTL. EXT\_ATTRIB\_55 | S\_PROD\_INT\_X. ATTRIB\_55 |
| X\_ATTRIB\_56 | D | N | JTI PR Local Attribute 16 |  | EIM\_PRDINT\_DTL. EXT\_ATTRIB\_56 | S\_PROD\_INT\_X. ATTRIB\_56 |
| X\_ATTRIB\_41 | C100 | N | JTI PR Local Attribute 17 |  | EIM\_PRDINT\_DTL. X\_ATTRIB\_41 | S\_PROD\_INT\_X. ATTRIB\_41 |
| X\_ATTRIB\_42 | C100 | N | JTI PR Local Attribute 18 |  | EIM\_PRDINT\_DTL. X\_ATTRIB\_42 | S\_PROD\_INT\_X. ATTRIB\_42 |
| X\_ATTRIB\_43 | C100 | N | JTI PR Local Attribute 19 |  | EIM\_PRDINT\_DTL. X\_ATTRIB\_43 | S\_PROD\_INT\_X. ATTRIB\_43 |
| X\_PR\_LOCAL\_ATTRIBUTE13 | C1 | N | JTI PR Local Attribute 20 |  | EIM\_PRDINT\_DTL. X\_PR\_LOCAL\_ATTRIBUTE13 | S\_PROD\_INT\_X. X\_PR\_LOCAL\_ATTRIBUTE13 |
| X\_PR\_LOCAL\_ATTRIBUTE14 | C1 | N | JTI PR Local Attribute 21 |  | EIM\_PRDINT\_DTL. X\_PR\_LOCAL\_ATTRIBUTE14 | S\_PROD\_INT\_X. X\_PR\_LOCAL\_ATTRIBUTE14 |
| X\_PR\_LOCAL\_ATTRIBUTE15 | C1 | N | JTI PR Local Attribute 22 |  | EIM\_PRDINT\_DTL. X\_PR\_LOCAL\_ATTRIBUTE15 | S\_PROD\_INT\_X. X\_PR\_LOCAL\_ATTRIBUTE15 |
| X\_MAIN\_PRODUCT\_FLG | C1 | N | Main Flag |  | EIM\_PRDINT\_DTL. X\_MAIN\_PRODUCT\_FLG | S\_PROD\_INT\_X. X\_MAIN\_PRODUCT\_FLG |
| X\_PRODUCT\_FLG | C1 | N | JTI Product |  | EIM\_PROD\_INT. X\_PRODUCT\_FLG | S\_PROD\_INT. X\_PRODUCT\_FLG |
| X\_SLOTS\_NUM | N10,0 | N | # of Slots |  | EIM\_PROD\_INT.X\_SLOTS\_NUM | S\_PROD\_INT.X\_SLOTS\_NUM |
| JTI\_AUDIT\_SEQUENCE | C30 | N | JTI Audit Sequence  (Order sequence for displaying the records in the Product Templates and WCV activity) |  | EIM\_PROD\_INT.SEQ\_CD | S\_PROD\_INT.SEQ\_CD |
| CONVERSION\_RATE | N22,7 | N | Conversion rate to be applied to the sales figures of the product. |  | EIM\_PRDINT\_DTL.EXT\_ATTRIB\_16 | S\_PROD\_INT\_X.ATTRIB\_16 |
| FILLING\_CAPACITY | C30 | N | Filling Capacity (High Volume Tobacco) |  | EIM\_PRDINT\_DTL.X\_ATTRIB\_01 | S\_PROD\_INT\_X.X\_ATTRIB\_01 |
| VIVALDI\_ID | C30 | N | Tobacco Product – Vivaldi Information dimension |  | EIM\_PRDINT\_DTL.X\_ATTRIB\_02 | S\_PROD\_INT\_X.X\_ATTRIB\_02 |
| ELIGIBILITY\_FLG | C1 | N | Eligibility Flag |  | EIM\_PRDINT\_DTL.EXT\_ATTRIB\_11 | S\_PROD\_INT\_X.ATTRIB\_11 |
| ATTRIB\_36 | C30 | N | JTI PR Local Attribute 23 |  | EIM\_PRDINT\_DTL.EXT\_ATTRIB\_36 | S\_PROD\_INT\_X. ATTRIB\_36 |
| ATTRIB\_37 | C30 | N | JTI PR Local Attribute 24 |  | EIM\_PRDINT\_DTL.EXT\_ATTRIB\_37 | S\_PROD\_INT\_X. ATTRIB\_37 |
| ATTRIB\_38 | C30 | N | JTI PR Local Attribute 25 |  | EIM\_PRDINT\_DTL. EXT\_ATTRIB\_38 | S\_PROD\_INT\_X.ATTRIB\_38 |
| X\_PR\_LOCAL\_ATTRIBUTE26 | C30 | N | JTI PR Local Attribute 26 | MLOV: JTI\_PR\_ATTRIB26 | EIM\_PRDINT\_DTL.  X\_PR\_LOCAL\_ATTRIBUTE26 | S\_PROD\_INT\_X. X\_PR\_LOCAL\_ATTRIBUTE26 |
| X\_PR\_LOCAL\_ATTRIBUTE27 | C30 | N | JTI PR Local Attribute 27 | MLOV: JTI\_PR\_ATTRIB27 | EIM\_PRDINT\_DTL.  X\_PR\_LOCAL\_ATTRIBUTE27 | S\_PROD\_INT\_X. X\_PR\_LOCAL\_ATTRIBUTE27 |
| X\_PR\_LOCAL\_ATTRIBUTE28 | C30 | N | JTI PR Local Attribute 28 | MLOV: JTI\_PR\_ATTRIB28 | EIM\_PRDINT\_DTL.  X\_PR\_LOCAL\_ATTRIBUTE28 | S\_PROD\_INT\_X. X\_PR\_LOCAL\_ATTRIBUTE28 |
| X\_NON\_COMPL\_TYPE | C30 | N | Reason for not compliance with product. | MLOV: X\_PROD\_NON\_COMPL\_TYPE | EIM\_PROD\_INT.X\_NON\_COMPL\_TYPE | S\_PROD\_INT.X\_NON\_COMPL\_TYPE |
| CG\_COMPETITOR\_FLG | C1 | N | Competitor |  | EIM\_PROD\_INT.CG\_COMPETITOR\_FLG | S\_PROD\_INT.CG\_COMPETITOR\_FLG |
| ATTRIB\_53 | C250 | N | Product Attribute 53 |  | EIM\_PRDINT\_DTL.EXT\_ATTRIB\_53 | S\_PROD\_INT\_X.ATTRIB\_53 |
| ATTRIB\_10 | C1 | N | JTI Free Good |  | EIM\_PRDINT\_DTL.ATTRIB\_10 | S\_PROD\_INT\_X.ATTRIB\_10 |
| X\_OD\_GLB\_BUS\_CTGRY\_CD | C30 | N | JTI Global Business Category | MLOV:JTI\_GLOBAL\_BUSINESS\_CATEGORY | EIM\_PRDINT\_DTL.X\_OD\_GLB\_BUS\_CTGRY\_CD | S\_PROD\_INT\_X.X\_OD\_GLB\_BUS\_CTGRY\_CD |
| X\_OD\_BRAND\_FMLY\_CD | C30 | N | JTI Brand Family | MLOV:JTI\_OD\_BRAND\_FAMILY | EIM\_PRDINT\_DTL.X\_OD\_BRAND\_FMLY\_CD | S\_PROD\_INT\_X.X\_OD\_BRAND\_FMLY\_CD |
| X\_OD\_BRAND\_SUBFMLY\_CD | C30 | N | JTI Brand Subfamily | MLOV:JTI\_OD\_BRAND\_SUBFAMILY | EIM\_PRDINT\_DTL.X\_OD\_BRAND\_SUBFMLY\_CD | S\_PROD\_INT\_X.X\_OD\_BRAND\_SUBFMLY\_CD |
| X\_OD\_BRAND\_FMLY\_TYPE\_CD | C30 | N | JTI Brand Family Type | MLOV:JTI\_BRAND\_FAMILY\_TYPE | EIM\_PRDINT\_DTL.X\_OD\_BRAND\_FMLY\_TYPE\_CD | S\_PROD\_INT\_X.X\_OD\_BRAND\_FMLY\_TYPE\_CD |
| ATTRIB\_34 | C50 | N | JTI Descriptor | MLOV:JTI\_DESCRIPTOR | EIM\_PRDINT\_DTL.ATTRIB\_34 | S\_PROD\_INT\_X.ATTRIB\_34 |
| ATTRIB\_35 | C50 | N | Standard / Temporary | MLOV:JTI\_OD\_STNDR\_TEMP | EIM\_PRDINT\_DTL.ATTRIB\_35 | S\_PROD\_INT\_X.ATTRIB\_35 |
| ATTRIB\_40 | C50 | N | JTI Product Color | MLOV:JTI\_PRODUCT\_COLOR | EIM\_PRDINT\_DTL.ATTRIB\_40 | S\_PROD\_INT\_X.ATTRIB\_40 |
| X\_OD\_PROD\_BAG\_CD | C30 | N | JTI Product Bag Type | MLOV:JTI\_PR\_BAG\_TYPE | EIM\_PRDINT\_DTL.X\_OD\_PROD\_BAG\_CD | S\_PROD\_INT\_X.X\_OD\_PROD\_BAG\_CD |
| X\_OD\_PROD\_WIDTH\_CD | C30 | N | JTI Product Width | MLOV:JTI\_PROD\_WIDTH | EIM\_PRDINT\_DTL.X\_OD\_PROD\_WIDTH\_CD | S\_PROD\_INT\_X.X\_OD\_PROD\_WIDTH\_CD |
| X\_OD\_FLAVOR\_CD | C30 | N | JTI One Data Flavor Type | MLOV:JTI\_FLAVOR\_TYPE | EIM\_PRDINT\_DTL.X\_OD\_FLAVOR\_CD | S\_PROD\_INT\_X.X\_OD\_FLAVOR\_CD |
| X\_OD\_FLAVOR\_GRP\_CD | C30 | N | JTI One Data Flavor Type Group | MLOV:JTI\_FLAVOR\_TYPE\_GROUP | EIM\_PRDINT\_DTL.X\_OD\_FLAVOR\_GRP\_CD | S\_PROD\_INT\_X.X\_OD\_FLAVOR\_GRP\_CD |
| X\_OD\_RRP\_UNIT\_CD | C30 | N | JTI RRP Unit | MLOV:JTI\_RRP\_UNIT | EIM\_PRDINT\_DTL.X\_OD\_RRP\_UNIT\_CD | S\_PROD\_INT\_X.X\_OD\_RRP\_UNIT\_CD |
| X\_OD\_RRP\_PCKGNG\_UNIT\_CD | C30 | N | JTI RRP Packaging Unit | MLOV:JTI\_RRP\_PACKAGING\_UNIT | EIM\_PRDINT\_DTL.X\_OD\_RRP\_PCKGNG\_UNIT\_CD | S\_PROD\_INT\_X.X\_OD\_RRP\_PCKGNG\_UNIT\_CD |
| X\_OD\_RRP\_PROD\_CD | C30 | N | JTI RRP Product Type | MLOV:JTI\_RRP\_PRODUCT\_TYPE | EIM\_PRDINT\_DTL.X\_OD\_RRP\_PROD\_CD | S\_PROD\_INT\_X.X\_OD\_RRP\_PROD\_CD |
| ATTRIB\_17 | NUMERIC22,7 | N | JTI Refill Units Qty |  | EIM\_PRDINT\_DTL.ATTRIB\_17 | S\_PROD\_INT\_X.ATTRIB\_17 |
| ATTRIB\_18 | NUMERIC22,7 | N | JTI E-liquid Strength |  | EIM\_PRDINT\_DTL.ATTRIB\_18 | S\_PROD\_INT\_X.ATTRIB\_18 |
| ATTRIB\_19 | NUMERIC22,7 | N | JTI Quantity of Liquid |  | EIM\_PRDINT\_DTL.ATTRIB\_19 | S\_PROD\_INT\_X.ATTRIB\_19 |
| X\_OD\_PROD\_GRP\_CD | C30 | N | JTI ONE Data Product Group | MLOV:JTI\_ONED\_PRODUCT\_GROUP | EIM\_PRDINT\_DTL.X\_OD\_PROD\_GRP\_CD | S\_PROD\_INT\_X.X\_OD\_PROD\_GRP\_CD |
| X\_OD\_PROD\_CD | C30 | N | JTI ONE Data Product Type | MLOV:JTI\_ONED\_PRODUCT\_TYPE | EIM\_PRDINT\_DTL.X\_OD\_PROD\_CD | S\_PROD\_INT\_X.X\_OD\_PROD\_CD |
| X\_OD\_LINE\_EXT\_CD | C30 | N | JTI Line Extension | MLOV:JTI\_LINE\_EXTENSION | EIM\_PRDINT\_DTL.X\_OD\_LINE\_EXT\_CD | S\_PROD\_INT\_X.X\_OD\_LINE\_EXT\_CD |
| X\_OD\_VARIANT\_CD | C30 | N | JTI Variant | MLOV:JTI\_VARIANT | EIM\_PRDINT\_DTL.X\_OD\_VARIANT\_CD | S\_PROD\_INT\_X.X\_OD\_VARIANT\_CD |
| X\_PROD\_INTEGRATION\_CD | C30 | N | JTI Product Integration | MLOV:JTI\_PROD\_ECOSYSTEM\_INT | EIM\_PRDINT\_DTL.X\_PROD\_INTEGRATION\_CD | S\_PROD\_INT\_X.X\_PROD\_INTEGRATION\_CD |
| X\_BASIS\_UOM\_CD | C30 | N | JTI Basic UOM | MLOV:JTI\_PR\_UOM | EIM\_PRDINT\_DTL.X\_BASIS\_UOM\_CD | S\_PROD\_INT\_X.X\_BASIS\_UOM\_CD |
| BAR\_CODE\_NUM | C50 | N | Barcode |  | EIM\_PRDINT. BAR\_CODE\_NUM | *S\_PROD\_INT.* *BAR\_CODE\_NUM* |
| X\_ME\_EXTERNAL\_WIDTH | N22,7 | N | Internal width (mm) |  | EIM\_PRDINT. X\_ME\_EXTERNAL\_WIDTH | *S\_PROD\_INT.* *X\_ME\_EXTERNAL\_WIDTH* |
| X\_ME\_INTERNAL\_WIDTH | N22,7 | N | External width (mm) |  | EIM\_PRDINT. X\_ME\_INTERNAL\_WIDTH | *S\_PROD\_INT.* *X\_ME\_INTERNAL\_WIDTH* |
| X\_INT\_HEIGHT\_NUM | N22,7 | N | Internal Height |  | EIM\_PRDINT. X\_INT\_HEIGHT\_NUM | *S\_PROD\_INT.* *X\_INT\_HEIGHT\_NUM* |
| X\_ME\_FASCIA\_WIDTH | N22,7 | N | Fascia Width |  | EIM\_PRDINT. X\_ME\_FASCIA\_WIDTH | *S\_PROD\_INT.* *X\_ME\_FASCIA\_WIDTH* |
| X\_ME\_FASCIA\_MESSAGE | C30 | N | Fascia Message | MLOV GAL\_ME\_FASCIA\_MESSAGE | EIM\_PRDINT. X\_ME\_FASCIA\_MESSAGE | *S\_PROD\_INT.* *X\_ME\_FASCIA\_MESSAGE* |
| X\_ME\_FASCIA\_DETAIL | C30 | N | Fascia Detail | MLOV GAL\_ME\_FASCIA\_DETAIL | EIM\_PRDINT. X\_ME\_FASCIA\_DETAIL | *S\_PROD\_INT.* *X\_ME\_FASCIA\_DETAIL* |
| X\_ME\_FASCIA\_TYPE | C30 | N | Fascia Type | MLOV GAL\_ME\_FASCIA\_TYPE | EIM\_PRDINT. X\_ME\_FASCIA\_TYPE | *S\_PROD\_INT.* *X\_ME\_FASCIA\_TYPE* |
| X\_ME\_FASCIA\_HEIGHT | N22,7 | N | Fascia Height |  | EIM\_PRDINT. X\_ME\_FASCIA\_HEIGHT | *S\_PROD\_INT.* *X\_ME\_FASCIA\_HEIGHT* |
| X\_DEF\_LOC\_SUB\_TYPE\_CD | C30 | N | Default Location Sub Type | MLOV JTI\_LOC\_SUB\_TYPE | EIM\_PRDINT. X\_DEF\_LOC\_SUB\_TYPE\_CD | *S\_PROD\_INT.* *X\_DEF\_LOC\_SUB\_TYPE\_CD* |
| X\_SHELF\_AUTOMATED\_ FLG | C1 | N | Shelf Automated |  | EIM\_PRDINT. X\_SHELF\_AUTOMATED\_ FLG | *S\_PROD\_INT.* *X\_SHELF\_AUTOMATED\_ FLG* |
| X\_SHELF\_DIVIDER\_NUM | N10,0 | N | Shelf Divider |  | EIM\_PRDINT. X\_SHELF\_DIVIDER\_NUM | *S\_PROD\_INT.* *X\_SHELF\_DIVIDER\_NUM* |
| X\_SLOT\_DEPTH\_NUM | N10,0 | N | Slot Depth |  | EIM\_PRDINT. X\_SLOT\_DEPTH\_NUM | *S\_PROD\_INT.* *X\_SLOT\_DEPTH\_NUM* |
| X\_SHELF\_DIV\_THICK\_NUM | N10,0 | N | Shelf Divider Thickness |  | EIM\_PRDINT. X\_SHELF\_DIV\_THICK\_NUM | *S\_PROD\_INT.* *X\_SHELF\_DIV\_THICK\_NUM* |
| X\_ROWS\_NUM | N10,0 | N | # of rows |  | EIM\_PRDINT. X\_ROWS\_NUM | *S\_PROD\_INT.* *X\_ROWS\_NUM* |
| X\_FACING\_ROW\_NUM | N10,0 | N | # of Facings per row |  | EIM\_PRDINT. X\_FACING\_ROW\_NUM | *S\_PROD\_INT.* *X\_FACING\_ROW\_NUM* |
| X\_FACINGS\_NUM | N10,0 | N | # of Facings |  | EIM\_PRDINT. X\_FACINGS\_NUM | *S\_PROD\_INT.* *X\_FACINGS\_NUM* |
| X\_ORDERABLE\_ START\_DT | D | N | Orderable Since |  | EIM\_PRDINT. X\_ORDERABLE\_ START\_DT | *S\_PROD\_INT.* *X\_ORDERABLE\_ START\_DT* |
| X\_ORDERABLE\_ END\_DT | D | N | Orderable Until |  | EIM\_PRDINT. X\_ORDERABLE\_ END\_DT | *S\_PROD\_INT.* *X\_ORDERABLE\_ END\_DT* |
| X\_RETURN\_STRT\_DT | D | N | Returnable Since |  | EIM\_PRDINT. X\_RETURN\_STRT\_DT | *S\_PROD\_INT.* *X\_RETURN\_STRT\_DT* |
| X\_RETURN\_END\_DT | D | N | Returnable Until |  | EIM\_PRDINT. X\_RETURN\_END\_DT | *S\_PROD\_INT.* *X\_RETURN\_END\_DT* |
| X\_DL\_CONTRACTIBLE\_FLG | C1 | N | DL Contractible |  | EIM\_PRDINT. X\_DL\_CONTRACTIBLE\_FLG | *S\_PROD\_INT.* *X\_DL\_CONTRACTIBLE\_FLG* |
| X\_SLOTS\_FACING\_NUM | N10,0 | N | Slots per Facing |  | EIM\_PRDINT. X\_SLOTS\_FACING\_NUM | *S\_PROD\_INT.* *X\_SLOTS\_FACING\_NUM* |
| X\_COUNT\_CLASS | C30 | N | Cycle Count Category | MLOV JTI\_PROD\_CAT | EIM\_PRDINT. X\_COUNT\_CLASS | *S\_PROD\_INT.* *X\_COUNT\_CLASS* |
| X\_GIFT\_FACTOR | N10,0 | N | Bundles per gift |  | EIM\_PRDINT. X\_GIFT\_FACTOR | *S\_PROD\_INT.* *X\_GIFT\_FACTOR* |
| X\_ORDER\_QTY\_FACT | N10,0 | N | Order Quantity Factor |  | EIM\_PRDINT. X\_ORDER\_QTY\_FACT | *S\_PROD\_INT.* *X\_ORDER\_QTY\_FACT* |

# Loading of file data in Sales OLTP

The file is the main source of data for table S\_PROD\_INT & S\_PROD\_INT\_XM

Extra: all attributes of the products have to be verified. If they are empty, they should be filled in with the values of their parents.

These values need to be looked up while loading the products in the system.

The child and parent records can be provided in the same file or loaded together in the same load batch. The PR loader will perform the necessary validation by using both the data which is currently being loaded and the data which has already been loaded previously in the system. The flat files provided will be loaded in a two stage approach as follows:-

1. First load records without parent information
2. Secondly reload same record with parent information so as to build the product hierarchy

The following fields are not loaded from incoming files, but are calculated during the EIM process:

|  |  |  |
| --- | --- | --- |
| **Corresponding Table in OLTP** | **Corresponding column in EIM interface table** | **Description** |
|
| S\_PROD\_INT.ADD\_TO\_QUOTE\_FLG | EIM\_PROD\_INT.ADD\_TO\_QUOTE\_FLG | Always ‘N’ |
| S\_PROD\_INT.APPROVAL\_FLG | EIM\_PROD\_INT.APPROVAL\_FLG | Always ‘N’ |
| S\_PROD\_INT.AUTO\_UNGROUP\_FLG | EIM\_PROD\_INT.AUTO\_UNGROUP\_FLG | Always ‘N’ |
| S\_PROD\_INT.CG\_COMPETITOR\_FLG | EIM\_PROD\_INT.CG\_COMPETITOR\_FLG | Always ‘N’ |
| S\_PROD\_INT.CMPND\_FLG | EIM\_PROD\_INT.CMPND\_FLG | Always ‘N’ |
| S\_PROD\_INT.COMMISIONED\_FLG | EIM\_PROD\_INT.COMMISIONED\_FLG | Always ‘N’ |
| S\_PROD\_INT.COMPENSATABLE\_FLG | EIM\_PROD\_INT.COMPENSATABLE\_FLG | Always ‘N’ |
| S\_PROD\_INT.CRT\_AST\_REC\_FLG | EIM\_PROD\_INT.CRT\_AST\_REC\_FLG | Always ‘N’ |
| S\_PROD\_INT.DESIGN\_REG\_FLG | EIM\_PROD\_INT.DESIGN\_REG\_FLG | Always ‘N’ |
| S\_PROD\_INT.ENTERPRISE\_FLG | EIM\_PROD\_INT.ENTERPRISE\_FLG | Always ‘N’ |
| S\_PROD\_INT.FEATURED\_FLG | EIM\_PROD\_INT.FEATURED\_FLG | Always ‘N’ |
| S\_PROD\_INT.INCL\_ALL\_CRSE\_FLG | EIM\_PROD\_INT.PRD\_INCLALLCRSEFLG | Always ‘N’ |
| S\_PROD\_INT.LEAF\_LEVEL\_FLG | EIM\_PROD\_INT.LEAF\_LEVEL\_FLG | Always ‘N’ |
| S\_PROD\_INT.MODEL\_PROD\_FLG | EIM\_PROD\_INT.MODEL\_PROD\_FLG | Always ‘N’ |
| S\_PROD\_INT.POSTN\_BL\_PROD\_FLG | EIM\_PROD\_INT.POSTN\_BL\_PROD\_FLG | Always ‘N’ |
| S\_PROD\_INT.SERVICE\_FLG | EIM\_PROD\_INT.SERVICE\_FLG | Always ‘N’ |
| S\_PROD\_INT.SERV\_INST\_FLG | EIM\_PROD\_INT.SERV\_INST\_FLG | Always ‘N’ |
| S\_PROD\_INT.SHIP\_FLG | EIM\_PROD\_INT.SHIP\_FLG | Always ‘N’ |
| S\_PROD\_INT.TARGET\_VRSN\_FLG | EIM\_PROD\_INT.TARGET\_VRSN\_FLG | Always ‘N’ |
| S\_PROD\_INT.TAX\_SUBCOMP\_FLG | EIM\_PROD\_INT.TAX\_SUBCOMP\_FLG | Always ‘N’ |
| S\_PROD\_INT.TRANSFERABLE\_FLG | EIM\_PROD\_INT.TRANSFERABLE\_FLG | Always ‘N’ |
| S\_PROD\_INT.TWOBARCODES\_FLG | EIM\_PROD\_INT.TWOBARCODES\_FLG | Always ‘N’ |
| S\_PROD\_INT.UNIQUE\_ASSET\_FLG | EIM\_PROD\_INT.UNIQUE\_ASSET\_FLG | Always ‘N’ |
| S\_PROD\_INT.VENDR\_OU\_ID | EIM\_PROD\_INT.VENDR\_ACCNT\_NAME | Will be looked up in ifb based on Product vendor account already stored |
| S\_PROD\_INT.VENDR\_OU\_ID | EIM\_PROD\_INT.VENDR\_ACCNT\_BU | Will be looked up in ifb based on PROD\_BU |
| S\_PROD\_INT.INTEGRATION\_ID | EIM\_PROD\_INT.INTEGRATION\_ID | Will be looked up in ifb based on Country Code + PART\_NUM |
| S\_PROD\_INT.PAR\_PROD\_INT\_ID | EIM\_PROD\_INT.PAR\_PROD\_NAME | Will be looked up in ifb based on PAR\_PROD\_CODE |
| S\_PROD\_INT.PAR\_PROD\_INT\_ID | EIM\_PROD\_INT.PAR\_PROD\_VEN\_NAME | Will be looked up in ifb based on PAR\_PROD\_CODE vendor |
| S\_PROD\_INT.PAR\_PROD\_INT\_ID | EIM\_PROD\_INT.PAR\_PROD\_VEN\_BU | Will be looked up in ifb based on PAR\_PROD\_BI |
| S\_PROD\_INT.ACTIVE\_FLG | EIM\_PROD\_INT.ACTIVE\_FLG | If empty, replace with ‘Y’ |
| S\_PROD\_INT.ORDERABLE\_FLG | EIM\_PROD\_INT.ORDERABLE\_FLG | If empty, replace with ‘Y’ |
| S\_PROD\_INT.SALES\_PROD\_FLG | EIM\_PROD\_INT.SALES\_PROD\_FLG | If empty, replace with ‘Y’ |
| S\_PROD\_INT.SALES\_SRVC\_FLG | EIM\_PROD\_INT.SALES\_SRVC\_FLG | If empty, replace with ‘Y’ |
| S\_PROD\_INT INT .BILLABLE\_FLG | EIM\_PROD\_INT .BILLABLE\_FLG | Always ‘Y’ |
| S\_PROD\_INT.CRT\_AGREEMENT\_FLG | EIM\_PROD\_INT.CRT\_AGREEMENT\_FLG | Always ‘N’ |
| S\_PROD\_INT.CRT\_INST\_FLG | EIM\_PROD\_INT.CRT\_INST\_FLG | Always ‘Y’ |
| S\_PROD\_INT .PRODAPPLYECRULEFLG | EIM\_PROD\_INT.PRODAPPLYECRULEFLG | Always ‘N’ |
| S\_PROD\_INT.INCLSV\_ELIG\_RL\_FLG | EIM\_PROD\_INT .INCLSV\_ELIG\_RL\_FLG | Always ‘N’ |
| S\_PROD\_INT\_XM.TYPE | EIM\_PRDINT\_DTL. XM\_TYPE | Always ‘AGREEMENT\_TYPE’ |
| S\_PROD\_INT.APPLY\_MEM\_COMP\_FLG | EIM\_PROD\_INT.APPLY\_MEM\_COMP\_FLG | Always ‘N' |
| S\_PROD\_INT.BIL\_ON\_FST\_USG\_FLG | EIM\_PROD\_INT.BIL\_ON\_FST\_USG\_FLG | Always ‘N' |
| S\_PROD\_INT.DISP\_INVOICE\_FLG | EIM\_PROD\_INT.DISP\_INVOICE\_FLG | Always ‘N' |
| S\_PROD\_INT.ONDEMAND\_SYNC\_FLG | EIM\_PROD\_INT.ONDEMAND\_SYNC\_FLG | Always ‘N' |
| S\_PROD\_INT.RSLV\_AMBIGUITY\_FLG | EIM\_PROD\_INT.RSLV\_AMBIGUITY\_FLG | Always ‘N' |
| S\_PROD\_INT.CARY\_COST\_CURCY\_CD | EIM\_PROD\_INT.CARY\_COST\_CURCY\_CD | Default to value predefined in WC\_CURCY\_PARAM\_G for new product and existing product whereby value is null in DB |
| S\_PROD\_INT.CARY\_COST\_DT | EIM\_PROD\_INT.CARY\_COST\_DT | Default to today() for new product and existing product whereby value is null in DB |

# Validations

The following provides the list of validations performed before running the EIM process.

## LOVs

This following List Of Values (LOVs) will need to be checked in order to avoid pick list issues during the EIM process.

|  |  |
| --- | --- |
| **EIM COLUMN** | **LOV TYPE** |
| DETAIL\_TYPE\_CD | FINCORP\_PROD\_ADMIN\_CLASS\_MLOV |
| SUB\_TYPE\_CD | PRODUCT\_LEVEL |
| X\_BLEND\_TYPE\_CD | BLEND\_TYPE |
| TGT\_REGION\_CD | STATE\_ABBREV |
| TYPE | PRODUCT\_TYPE |
| X\_CIG\_CIRC | CIGARETTE\_CIRC |
| X\_CIG\_LENGTH | STICK\_LENGTH |
| X\_FILTER\_TYPE\_CD | FILTER\_TYPE |
| X\_FLAVOUR\_TYPE\_CD | FLAVOUR\_TYPE |
| X\_PACK\_SIZE\_CD | PACK\_SIZE |
| X\_PACK\_TYPE\_CD | PACK\_TYPE |
| X\_PRICE\_PERCEPT\_CD | PRICE\_PERCEP |
| X\_SALES\_ORG | SALES\_ORGANIZATION |
| X\_STENGTH\_PERC\_CD | STRENGTH\_TYPE |
| X\_SUB\_CATEGORY\_CD | JTI\_SUB\_TYPE |
| X\_TAR\_CD | TAR\_RANGE |
| ATTRIB\_01 | JTI\_PRODUCT\_STATUS |
| X\_TRADED\_UNIT\_TYPE\_CD | JTI\_TRADED\_UNIT\_TYPE |
| EXT\_ATTRIB\_03 | JTI\_VIVALDI\_PRICE\_PERCEPTION |
| EXT\_ATTRIB\_04 | JTI\_VIVALDI\_FILTER\_TYPE |
| EXT\_ATTRIB\_05 | JTI\_VIVALDI\_BLEND\_TYPE |
| X\_DEF\_LOC\_TYPE\_CD | JTI\_LOC\_TYPE |
| X\_CONTRACT\_TYPE | AGREEMENT\_TYPE (although the field S\_PROD\_INT\_X.NAME is not LOV bounded, but as per sales application it will contain only LOV bounded value from a pic applet, therefore the loader should also check if the LOV value provided in the flat file is a valid one) |
| EXT\_ATTRIB\_06 | JTI\_PR\_ATTRIB1 |
| EXT\_ATTRIB\_07 | JTI\_PR\_ATTRIB2 |
| X\_PR\_LOCAL\_ATTRIBUTE1 | JTI\_PR\_ATTRIB3 |
| X\_PR\_LOCAL\_ATTRIBUTE2 | JTI\_PR\_ATTRIB4 |
| X\_PR\_LOCAL\_ATTRIBUTE3 | JTI\_PR\_ATTRIB5 |
| X\_PR\_LOCAL\_ATTRIBUTE4 | JTI\_PR\_ATTRIB6 |
| X\_PR\_LOCAL\_ATTRIBUTE26 | JTI\_PR\_ATTRIB26 |
| X\_PR\_LOCAL\_ATTRIBUTE27 | JTI\_PR\_ATTRIB27 |
| X\_PR\_LOCAL\_ATTRIBUTE28 | JTI\_PR\_ATTRIB28 |
| X\_NON\_COMPL\_TYPE | X\_PROD\_NON\_COMPL\_TYPE |
| X\_OD\_GLB\_BUS\_CTGRY\_CD | JTI\_GLOBAL\_BUSINESS\_CATEGORY |
| X\_OD\_BRAND\_FMLY\_CD | JTI\_OD\_BRAND\_FAMILY |
| X\_OD\_BRAND\_SUBFMLY\_CD | JTI\_OD\_BRAND\_SUBFAMILY |
| X\_OD\_BRAND\_FMLY\_TYPE\_CD | JTI\_BRAND\_FAMILY\_TYPE |
| ATTRIB\_34 | JTI\_DESCRIPTOR |
| ATTRIB\_35 | JTI\_OD\_STNDR\_TEMP |
| X\_OD\_PROD\_BAG\_CD | JTI\_PR\_BAG\_TYPE |
| X\_OD\_PROD\_WIDTH\_CD | JTI\_PROD\_WIDTH |
| X\_OD\_FLAVOR\_CD | JTI\_FLAVOR\_TYPE |
| X\_OD\_FLAVOR\_GRP\_CD | JTI\_FLAVOR\_TYPE\_GROUP |
| X\_OD\_RRP\_UNIT\_CD | JTI\_RRP\_UNIT |
| X\_OD\_RRP\_PCKGNG\_UNIT\_CD | JTI\_RRP\_PACKAGING\_UNIT |
| X\_OD\_RRP\_PROD\_CD | JTI\_RRP\_PRODUCT\_TYPE |
| X\_OD\_PROD\_GRP\_CD | JTI\_ONED\_PRODUCT\_GROUP |
| X\_OD\_PROD\_CD | JTI\_ONED\_PRODUCT\_TYPE |
| X\_OD\_LINE\_EXT\_CD | JTI\_LINE\_EXTENSION |
| X\_OD\_VARIANT\_CD | JTI\_VARIANT |
| X\_PROD\_INTEGRATION\_CD | JTI\_PROD\_ECOSYSTEM\_INT |
| X\_BASIS\_UOM\_CD | JTI\_UOM\_CD |
| X\_ME\_FASCIA\_MESSAGE | GAL\_ME\_FASCIA\_MESSAGE |
| X\_ME\_FASCIA\_DETAIL | GAL\_ME\_FASCIA\_DETAIL |
| X\_ME\_FASCIA\_TYPE | GAL\_ME\_FASCIA\_TYPE |
| X\_DEF\_LOC\_SUB\_TYPE\_CD | JTI\_LOC\_SUB\_TYPE |
| X\_COUNT\_CLASS | JTI\_PROD\_CAT |

## Foreign keys

This section provides details of the foreign keys that need to be checked to ensure that they refer to valid records, as follows:

* Check whether vendor provided refers to a valid account based on the vendor name and business unit.
* Validate the fields VENDR\_ACCNT\_NAME and VENDR\_ACCNT\_BU so as to have both field information populated based on following condition:
  + If none of the fields are given by market then we do a lookup based on product user key to retrieve the Vendor
  + If only one of the two fields is given by market the record will be rejected.

## Other functional validations

This section provides details of other validations that need to be implemented as follows:

* Check for mandatory fields defined in section 3.6 above
* For products whose part numbers already exists for that Business Unit, compare their names and reject if the latter differ.
* For products whose part numbers already exists for that Business Unit, compare their vendors and reject if the latter differ.
* For products with same names and vendors for that Business Unit, compare their part numbers and reject if the latter differ.
* Check if length of part number is greater than 28 characters. Since the part number is concatenated to country code in order to generate the INTEGRATION\_ID (C30), a part number exceeding C28 will cause an invalid INTEGRATION\_ID to be generated.
* Check if duplicate rows exist in the flat file itself based on part number.
* Check if PAR\_PROD\_CODE refers to an existing parent in either the flat file itself or S\_PROD\_INT; if not, give warning but still load the affected row.
* All Italian products of SKU level should be rejected if they have no parent or if their parent do not exists in the flat file of the base table
* All Italian products of Subcategory level (i.e. Other than SKU level) should be rejected if they contain a Parent (either a good one or not)
* All validations will be performed by making a link to the base table S\_PROD\_INT\_BU so as to make the validation similar to the behavior of the Sales application.

## Date Check

The following columns will be checked for Date:

* EFF\_START\_DT
* EFF\_END\_DT
* X\_ATTRIB\_04
* X\_ORDERABLE\_ START\_DT
* X\_ORDERABLE\_ END\_DT
* X\_RETURN\_STRT\_DT
* X\_RETURN\_END\_DT

# IFB Files

The IFB file used during the EIM process for this interface is: IFA\_ENU\_PR\_Products.ifb

# Product SCD table

Find below the list of fields that, when modified, trigger the creation of a new record in the Product SCD table.

|  |  |
| --- | --- |
| **Column name from WC\_PRODUCT\_SCD** | **Field name in PR interface** |
| PROD\_NAME | NAME |
| *DATASOURCE\_NUM\_ID (internal use)* | not in PR interface |
| INTEGRATION\_ID | not in PR interface |
|  | CASE\_PACK |
| EFF\_END\_DT | EFF\_END\_DT |
| EFF\_START\_DT | EFF\_START\_DT |
| GROSS\_MRGN | GROSS\_MGN |
| PAR\_INTEGRATION\_ID | PAR\_PROD\_CODE |
| PROD\_TYPE\_CD | not in PR interface |
| PROD\_TYPE\_CD\_I | not in PR interface |
| SUB\_TYPE | SUB\_TYPE\_CD |
| SUB\_TYPE\_I |
| ATTRIB\_33 | X\_BLEND\_TYPE\_CD |
| ATTRIB\_34 | X\_PACK\_SIZE\_CD |
| ATTRIB\_35 | X\_PACK\_TYPE\_CD |
| ATTRIB\_36 | X\_CIG\_LENGTH |
| ATTRIB\_37 | X\_FILTER\_TYPE\_CD |
| ATTRIB\_38 | X\_CIG\_CIRC |
| ATTRIB\_39 | X\_PRICE\_PERCEPT\_CD |
| ATTRIB\_19 | X\_STICK\_COUNT |
| ATTRIB\_20 | X\_TAR\_VALUE |
| ATTRIB\_101 | X\_NICOTINE\_VALUE |
| ATTRIB\_94 | X\_IMPORTED\_FLG |
| ATTRIB\_102 | X\_SALES\_ORG |
| ATTRIB\_125 | ATTRIB\_01 |
| ATTRIB\_126 | ATTRIB\_02 |
| ATTRIB\_127 | ATTRIB\_03 |
| ATTRIB\_121 | ALIAS\_NAME |
| ATTRIB\_110 | PROD\_ATTRIB02\_CD |
| ATTRIB\_32 | X\_STENGTH\_PERC\_CD |
| X\_SAP\_MAT\_NUM | X\_SAP\_MAT\_NUM |
| X\_ATTRIB\_07 | X\_ATTRIB\_04 |
| X\_TOBACCO\_WEIGHT | X\_TOBACCO\_WEIGHT |