Lean Specification

Conversion - O2\_GENAI\_CNV406

Trade In Inventory Car Items

Document Control Information

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Table of Contents

[1 Summary 4](#_Toc168406219)

[1.1 Objective 4](#_Toc168406220)

[1.2 Assumptions 4](#_Toc168406221)

[1.3 Proposed Process 4](#_Toc168406222)

[1.4 Dependencies and Prerequisites 4](#_Toc168406223)

[2 Functional Design 5](#_Toc168406224)

[2.1 Data Mapping Layout 5](#_Toc168406225)

[2.2 Cross Reference/Data Transformation 5](#_Toc168406226)

[2.3 Business Rules 5](#_Toc168406227)

[2.4 Data Criteria Specifications 5](#_Toc168406228)

[2.4.1 Data Selection and Filtering Criteria 5](#_Toc168406229)

[2.4.2 Pre Extract Clean up Criteria 5](#_Toc168406230)

[2.4.3 Post Extract Clean up Criteria 5](#_Toc168406231)

[2.4.4 Pre Conversion Clean-up Criteria 6](#_Toc168406232)

[2.4.5 Post Conversion Acceptance Criteria 6](#_Toc168406233)

[2.4.6 Non-Converted Data 6](#_Toc168406234)

[2.5 Acceptance Criteria 6](#_Toc168406235)

[2.6 Test Scenarios 6](#_Toc168406236)

[3 Technical Specification 7](#_Toc168406237)

[3.1 Process Description 7](#_Toc168406238)

[3.2Design Approach 7](#_Toc168406239)

[3.3 Data Selection Criteria 7](#_Toc168406240)

[3.4 File Layout / Report Output 7](#_Toc168406241)

[3.5 Data Processing / Derivation / Validation / Transformation Rules 7](#_Toc168406242)

[3.6 Validation & Reconciliation 7](#_Toc168406243)

[3.6.1 Data Validation 7](#_Toc168406244)

[3.6.2 Data Reconciliation 7](#_Toc168406245)

[3.6.3 Post-conversion Steps 8](#_Toc168406246)

[3.7 Component List 8](#_Toc168406247)

[4 Application Setup and Technical Requirements 9](#_Toc168406248)

[4.1 Programs/Report and Parameters 9](#_Toc168406249)

[4.2 ESS Program, Scheduling and Executables 9](#_Toc168406250)

[4.3 Security and Controls Requirements 9](#_Toc168406251)

[4.4 Archiving & Purging 9](#_Toc168406252)

[5 Open and Closed Issues 10](#_Toc168406253)

[5.1 Open Issues 10](#_Toc168406254)

[5.2 Closed Issues 10](#_Toc168406256)

[6 Appendix 11](#_Toc168406257)

# Summary

## Objective

This conversion document provides details on the overall approach to Item Master conversion and highlights the processes necessary to execute the conversion. XXX uses a legacy system to store the item data which needs to be extracted, cleaned, and mapped to the pre-defined Oracle 23B (11.13.23.04.0) File Based Data Import. This will be further validated and uploaded to Oracle ERP Cloud.

This conversion specification document defines the key assumptions, rules, and logic that are needed to perform data conversion from the legacy systems to Oracle ERP Cloud. This process will involve extracting, cleansing, translating, mapping and transferring data from legacy systems to Oracle ERP Cloud.

The conversion scope will cover the following:

1. All vehicle VINs that are considered as Inventory across all XXX entities that are Fleet.
2. Vehicle VIN details that are required to support Procurement and Sales process for Trade-Ins and Inventory Quick Sale.

## Assumptions

1. The extracted data from Legacy Systems should be the source for Item Conversion data.
2. Any data transformation and translation will be done prior to receiving file from Business
3. Item templates at the master organization / child organization level will be setup as part of the configuration of Oracle ERP Cloud.
4. Item Types should be setup as part of the configuration of Oracle ERP Cloud.
5. All items will be assigned to active inventory organizations
6. Standard template will be provided to NA, EMEA and APAC team to provide VIN Item data extract in a spreadsheet.
7. Items that are already sold to third-party customer or other customers will not be part of the conversion.
8. The transactional attributes for the items will be driven through the Item template.
9. FBDI supports application of template at the organization level as well, such that attributes controlled at organization level can be overridden by the template specified at the organization level. This will be translated to Business for data populating purpose.
10. Each organization-item record will have its own row in the FBDI template
11. Conversion data will be reviewed and cleansed as necessary in the item load template (Spreadsheet) prior to the execution of the item conversion programs.
12. A log will be kept for all manual data fixes done in the data file so that the same action can be taken in all conversion cycles

## Proposed Process

N/A

## Dependencies and Prerequisites

* All required data sets and configurations are setup in Oracle ERP Cloud
* All required roles have been provided for the users uploading data in Oracle ERP Cloud
* Operational Attribute Groups configurations also needs to be completed
* Any business rules to support the identification of VIN Items such as Trade-Ins, Inventory Quick Sale will be defined in Oracle Cloud ERP.

# Functional Design

## Data Mapping Layout



## Cross Reference/Data Transformation

N/A

## Business Rules

N/A

## Data Criteria Specifications

### Data Selection and Filtering Criteria

* Only active items will be converted
* Extract files should have all duplicated items removed. (There should not be any duplicate as VINs should be unique)

### Pre Extract Clean up Criteria

* Create Mapping tables with respect to FBDI template for item import from legacy system. Deloitte will provide business with the file format. Business to populate data.

### Post Extract Clean up Criteria

* Item template and Item type should be pre-defined in Oracle Cloud ERP.
* All trailing and leading blank spaces need to be removed.
* All leading zeroes for non-numeric fields should be stored.
* MDM team needs to identify instances where data validation is required.

### Pre Conversion Clean-up Criteria

* Confirm all mandatory columns have been populated.
* Perform business specific validations to match whether FBDI fields need to be updated.
* Item template-Item type-subinventory configs must match Business specified criteria.

### Post Conversion Acceptance Criteria

N/A

### Non-Converted Data

N/A

## Acceptance Criteria

N/A

## 2.6 Test Scenarios

N/A

# 3 Technical Specification

## 3.1 Process Description

N/A

## 3.2Design Approach

N/A

## 3.3 Data Selection Criteria

N/A

## 3.4 File Layout / Report Output

N/A

## 3.5 Data Processing / Derivation / Validation / Transformation Rules

N/A

## 3.6 Validation & Reconciliation

### 3.6.1 Data Validation

N/A

### 3.6.2 Data Reconciliation

|  |  |
| --- | --- |
| S. No. | Actions to be performed |
| 1 | Import the VIN Items from the database or Items form and validate the count matches with the extract. |
| 2 | Spot checking of certain % of the item records for correctness of the values |
| 3 | Confirm that all records from the original extract files are accounted for either as successfully loaded into the base tables or as documented errors with defined resolution activities. |

### 3.6.3 Post-conversion Steps

N/A

## 3.7 Component List

N/A

# 4 Application Setup and Technical Requirements

## 4.1 Programs/Report and Parameters

N/A

## 4.2 ESS Program, Scheduling and Executables

* **ESS Job -** **Load Interface File for Import**

**N/A**

## 4.3 Security and Controls Requirements

|  |  |  |
| --- | --- | --- |
| **Security/Control ID** | **Description** | **Comments** |
|  |  |  |
|  |  |  |
|  |  |  |

## 4.4 Archiving & Purging

N/A

# 5 Open and Closed Issues

## 5.1 Open Issues

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Date Reported | Status | Question | Resolution | Due Date | Responsible Party |
| 23-06-2023 | Closed | Expected volume for IQS and TRI files | #Comments.  EMEA Data around 5000 | 30-06-2023 | XXX |
| 23-06-2023 | Closed | Additional DFF / Item Relationship field required for populate Legacy References | #Comments.  DFF for Invoice Number added along with other necessary Information | 30-06-2023 | XXX |

## 5.2 Closed Issues

N/A

# 6 Appendix

N/A