Lean Specification

Conversion - O2\_GENAI\_CNV407

Trade In Inventory On Hand

Document Control Information

Document Information

|  |  |
| --- | --- |
| Document Identification | O2\_GENAI\_CNV407 |
| Document Name | O2\_GENAI\_CNV407\_Trade In Inventory On Hand |
| Project Name |  |
| Client | ClientXXX |
| Document Author | Shubham Meghwal |
| Document Version | V1 |
| Document Status | Draft |
| Date Released |  |

Document Edit History

| Version | Date | Additions/Modifications | Prepared/Revised by |
| --- | --- | --- | --- |
| 1 |  | Initial Draft | Shubham Meghwal |
|  |  |  |  |
|  |  |  |  |

Document Review/Approval History

| Date | Name | Organization/Title | | Comments |
| --- | --- | --- | --- | --- |
| < dd-mmm-yyyy > | <Name> | | <Organization/Title> | <Comments> |
|  |  | |  |  |
|  |  | |  |  |

Distribution of Final Document

The following people are designated recipients of the final version of this document:

| Name | Organization/Title |
| --- | --- |
| <Name> | <Organization/Title> |
|  |  |
|  |  |

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 design for Trade-In and Inventory Cars On hand Conversion. XXX uses a legacy system to store the on-hand 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.
3. Perform Miscellaneous Receipt for the VIN to increase onhand quantity.

## Assumptions

1. The extracted data from Legacy Systems should be the source for Onhand Conversion data.
2. Charge string should be populated in the FBDI file and should match business specification.
3. Any data transformation and translation will be done prior to receiving file from Business
4. Transaction date will be defaulted to RUNDATE in Oracle ERP Cloud.
5. Oracle subinventories will be provided in the data sheet, using the updated standardized naming conventions All items will be assigned to active inventory organizations.
6. The same conversion approach will be used for all the inventory organizations.
7. Standard template will be provided to NA, EMEA and APAC team to provide VIN Item data extract in a spreadsheet.
8. Items that are already sold to third-party customer or other customers will not be part of the conversion.
9. All subinventories will be identified with a unique code or name using the updated standardized naming conventions.
10. 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.
11. Each subinventory-organization-item record will have its own row in the FBDI template
12. Conversion data will be reviewed and cleansed as necessary in the load template (Spreadsheet) prior to the execution of the item conversion programs.
13. 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.
* Extract data needs to be cleaned, i.e. business rules met, no negative balances.
* Charge string provided in the FBDI is checked and verified.

# Functional Design

## Data Mapping Layout



## Cross Reference/Data Transformation

N/A

## Business Rules

N/A

## Data Criteria Specifications

### Data Selection and Filtering Criteria

* Only available on-hand for active items will be converted. Validate onhand balances before extraction.
* VIN Items need to be transacted to appropriate sub-inventory depends on the VIN item type. IQS and TRI Subinventories will be defined in each organization wherever Inventory Quick Sale and Trade-In transactions are required.
* VIN Item transaction will be always for one quantity and will be performed in inventory organization,

### Pre Extract Clean up Criteria

N/A

### Post Extract Clean up Criteria

* All Dates should follow template format. (YYYY/MM/DD Timestamp 24hrs)
* Sub-inventory relationship should exist in Oracle.
* Distribution account needs to be populated in FBDI and exists in Oracle.
* 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.
* Confirm date format is as per item import FBDI template as well the CSVs.
* Perform business specific validations to match whether FBDI fields need to be updated.

### Post Conversion Acceptance Criteria

* All records in error are identified and corrected either in the source system or documented as a post extraction translation/transformation
* Match the item on hand with the on-hand data provided
* Count of records on FBDI template matches records loaded in ERP Cloud plus error records

### Non-Converted Data

* + Non-converted data with issues shall be investigated
  + Resolve in case it is related to data validations
  + Re-convert the fallouts or enter the data manually into the system

## 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 rows from the database or onhand 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 |
| <DD-MMM-YYYY> | <Open/Closed> | <Description> |  | <DD-MMM-YYYY> | <Client/Deloitte> |
|  |  |  |  |  |  |

## 5.2 Closed Issues

N/A

# 6 Appendix

N/A