Lean Specification

Conversion - O2\_GENAI\_CNV405

Active Asset Enrichment

Document Control Information

Document Information

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| --- | --- |
| Document Identification | O2\_GENAI\_CNV405 |
| Document Name | O2\_GENAI\_CNV405\_Active Asset Enrichment |
| Project Name |  |
| Client | ClientXXX |
| Document Author | Shubham Meghwal |
| Document Version | 1.0 |
| 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> |
|  |  | |  |  |
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# Summary

## Objective

This functional design document is intended to provide the developer all the key information, rules, assumptions, and logic that are required to accurately outline the scope, scenario and criteria for the Asset enrichment conversion from Data platform to Oracle to efficiently enrich the assets with vehicle attributes once the conversion is complete.

## Assumptions

* This is a one-time activity to enrich the converted assets to be done during cutover
* Only converted assets are in scope
* Extraction of data will happen from Data platform
* Audit trail will be turned off during conversion for the initial load and will continue to be off until the conversion & reconciliations are complete.
* Vehicle attribute in the extract from Data platform will be in expected future formats

## Proposed Process





## Dependencies and Prerequisites

* Required module configurations in XXX & GL need to be complete before conversion
* All related master data would be converted or configured prior to conversion.
* All pre-extract data clean-up activities will have to be completed for the assets.
* Target conversion period is open in XXX & GL in Oracle.
* All reference lookups and DFFs are defined in Oracle XXX before conversion

# Functional Design

## Data Mapping Layout



Sample Inbound File-



Sample FBDI File-



## Cross Reference/Data Transformation

N/A

## Business Rules

|  |  |
| --- | --- |
| Rule ID | Description |
| BR01 | All converted assets will be updated in the open conversion period |
| BR02 | For each load a vehicle attributes file will sent from Data platform |
| BR03 | All files to be picked from appropriate directory location in Oracle |
| BR04 | The program should be able to check if data for all the converted VINs has been sent in the file  For the VINs for which no data or incorrect data is sent, program should be able to generate an error report |
| BR05 | The program should be able to derive the Asset Numbers and Asset Book details per VIN from the Oracle Base Tables (FA\_ADDITIONS, FA\_BOOKS) for the VIN’s for which data is present in the file |
| BR06 | The program should be able to populate the FixedAssetUpdateDescriptiveDetailTemplate FBDI sheet for these Asset Numbers as per the mapping sheet |
| BR07 | The program should be able to Load this file under the import process- Post Mass Update Descriptive Details.  Post the successful load, program should be able to post these details by running the “Post Mass Update Descriptive Details” ESS Job |
| BR08 | The program should be able to update the Final Vehicle Attributes table (XXX\_FA\_VEH\_ATTRIBUTES) with the attribute details received in the file. |

## Data Criteria Specifications

### Data Selection and Filtering Criteria

* All the converted assets for each country as applicable

### Pre Extract Clean up Criteria

N/A

### Post Extract Clean up Criteria

N/A

### Pre Conversion Clean-up Criteria

N/A

### 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. | Reconcile record counts of all records extracted and made available to Oracle against the record counts of all records transformed using the data transformation rule. Ensure that the two counts match. |
| 2. | XXX Fleet Accounting business team will review the converted asset details against the VISION data |
| 3. | XXX Fleet Accounting business team will review the converted asset vehicle attributes against that in the EAM. |
| 4. | Ad-hoc reports will be created to extract data from Oracle XXX, based on business user’s requirement, post conversion. |

### 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 |
| 22-11-2023 | Open | Expected Value and Error Handling logic to be updated |  |  | Deloitte |
|  |  |  |  |  |  |

## 5.2 Closed Issues

N/A

# 6 Appendix

N/A