Project name

Title

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# Document Information

**Versioning:** v0.8 – ready for review; v0.9 – ready for sign-off; 1.0 sign-off

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Version No. | Date | Author | Comment | Reviewer | Release |
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Table 1: Version History

|  |  |  |
| --- | --- | --- |
| Ref. | Document | Notes/Link |
|  |  |  |
|  |  |  |
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Table 2: References

|  |  |
| --- | --- |
| Abbreviation | Description |
|  |  |
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|  |  |

Table 3: Abbreviations and Special Terms

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No. | Assumption | Referred Section | Logged by | Logging Date |
| 1 |  |  |  |  |
| 2 |  |  |  |  |
| 3 |  |  |  |  |

Table 4: Assumptions

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No. | Open point | Referred Section | Owner | Expected update date |
| 1 |  |  |  |  |
| 2 |  |  |  |  |
| 3 |  |  |  |  |

Table 5: Open Points

# Overview

## Differentiation Functional Design and Technical Design

The present technical design documentation details out the implementation of the requirements described in the functional design. Due to fact that certain topics are already being covered in the functional design, they will not be repeated within this documentation. Specifically:

* Data Description
* Data Flow
* Interface Description
* Data Model (incl. Fieldlist)
* Access Rights
* Capacity Plan
* Error Handling and Logging

The technical design documentation focusses on the following aspects and is structured as follows:

* **Processing Logic (Landing Zone, Staging Store, Corporate Store)**
  + This chapter briefly explains the technical steps conducted to process data within the given architecture. As deliverables the Hive Tables and Informatica Mappings are listed.
* **Data Management and Data Model**
  + This chapter focusses on the data model and the implementation of technical metadata.
* **Business Rules**
  + This chapter explains the business logic applied in the Informatica Mappings and Hive Tables and Views

## Service Scope

## Technical Description of the Application

## Processing Logic

Table 4 Processing Logic

|  |  |
| --- | --- |
| **Layer** | **Processing Logic** |
|  |  |
|  |  |
|  |  |

# **Technical Interface**

# **Data Management and Data Model**

## Data Flow

## Data Model

The logical data:

The physical data model

## Technical Metadata

## Delta Processing

Not Applicable.

## Population frequency

## Data Security requirements

## Data Archiving

# Functional Properties of the System

## Staging Layer Load

#### Overview

#### Process Description

##### Variables and Parameters

##### Database Entities

##### Pre-Execution Processes

##### Post-Execution Processes

##### Process Description

##### Transformation Details

## Corporate Store Load

#### Process Description

##### Variables and Parameters

##### Database Entities

##### Pre-Execution Processes

##### Post-Execution Processes

##### Process Description

##### Transformation Details

# Non Functional Requirements

## Performance

## Availability

## Maintainability, Adaptability and Portability

# Security

## Communication channels

## Application-specific security

# Appendix