OUM

RD.140 Requirements Specification

Cigna

BI RPD 0008 FS RD 140 – Control Table RPD

| Group Id | Component Id List | Description |
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Author: John Liette

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**Approvals:**

|  |  |
| --- | --- |
| <Approver 1> | Tom Curtin |
| <Approver 2> | Christine Park |

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# Document Control

## Change Record

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| Date | Author | Version | Change Reference |
| --- | --- | --- | --- |
| 7/26/2016 | John Liette | Draft 1.0 | No Previous Document |
| 8/10/2016 | John Liette | 1.1 | Removed references to OOTB reconciliation. As of now, this requirement is only for Pre and Post Allocated Expense Reconciliation |
| 8/11/2016 | John Liette | 1.2 | Added “Type” to list of columns  Updated LDM to include dimension for ETL Start Date |
| 8/22/2016 | John Liette | 1.3 | Updated LDM  Added ETL Start Date to list of columns  Updated Subject Area Name  Updated Presentation Tables Names |
| 9/7/2016 | John Liette | 1.4 | Corrected “Number of Columns” to “Number of records” |
| 9/9/2016 | John Liette | 1.5 | Added requirement regarding aggregation of fact table columns |

## Reviewers

| Name | Position |
| --- | --- |
| Christine Park | BI Business Lead |
| Chris Hambach | Business |
| Jim Seeley | FAH Business Lead |
| Hari Kavari | FAH Team |
| Viswam Nair | IT Lead |
| Vinay Pachika | IT Lead |
|  |  |

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# Introduction

1. The introduction of the **Requirements Specification** provides an overview of the entire document. It includes the purpose, scope, definitions, acronyms, abbreviations, references, and overview of the document.
2. The **Requirments Specification** captures the complete software requirements for the system, or a portion of the system. Following is a typical outline for a project **using use case modeling**. This artifact consists of a package containing use cases of the use case model and applicable Supplemental Specifications and other supporting information.

As part of the Building Financial Foundations project, Oracle Enterprise Business Suite (EBS) R12 was implemented / upgraded in an effort to modernize the overall accounting and financial reporting process. Reporting for the General Ledger (GL), Accounts Payable (AP), Fixed Assets (FA) and Accounts Receivable (AR) were developed in Discoverer.

To build upon the current reporting, the Expense Redesign projects plans to implement Business Intelligence (BI) to:

* Integrated systems and reporting tools to automate business processes and better insight into data resulting in time and cost savings
* Self-Service Business Intelligence to aid timely and intelligent business decisions by providing trustworthy and relevant and timely access to data
* Build a solid foundation for future reporting needs, including management reporting and analytics. Replace older reporting tools with modern and more effective integrated reporting technologies
* Provide a platform for analytical and operational reporting
* Adhoc, reporting with drilldown and dashboard capabilities
* Extend the current operational reporting capabilities
* Enhance analytical, real time, metadata reporting capabilities

Business Intelligence reporting will be standardized on the Oracle Business Intelligence Enterprise Edition (OBIEE) platform. Oracle Business Intelligence Application (OBIA) will be implemented to provide GAAP, STAT, MLR reporting, extend analysis capabilities, and provide operating expense reporting to various areas in the Finance community.

## Purpose

1. Specify the purpose of this **Requirements Specification**. It describes the external behavior of the application or subsystem identified. It also describes nonfunctional requirements, design constraints, and other factors necessary to provide a complete and comprehensive description of the requirements for the software.

In the OBIEE environment, data is loaded on a nightly basis from the Oracle EBS system. The control tables to be made available for reporting on as part of this design will be used to validate and reconcile data loads to ensure data is populated correctly and completely.

## Scope

* Only the data that reside in the OBIA / OBAW data ware house tables either via standard or custom ETL will be pulled into RPD and BI presentation. Data will not be sourced from any other systems directly.

1. A brief description of the software application that the **Requirements Specification** applies to, the feature or other subsystem grouping, what Use Case Model(s) it is associated with, and anything else that is affected or influenced by this document.

## Assumptions and Dependencies

* Custom ETL (BI-ETL-0001) should have been successfully executed and should have brought the pre-allocated expenses fact and dimensional data should have successfully loaded into BI DW prior.
* Out of the box load plans full load and incremental load must have been successfully executed and data should have been loaded successfully in standard BI DW tables.
* Control Table ETL (BI-ETL-0008) should have been successfully completed and brought pre and post allocated expense data reconciliation information in to the BI Control Table
* Data will not be available in real time. Latency of data will directly depend on when the last data refresh (standard and custom) happened. Normal schedule of data refresh is daily / nightly.
* No analysis or dashboard will be built as part of this requirement. Only subject area structure will be available for end users to perform adhoc reporting.
* Any addition to fields that are not listed in the [Data Field Requirements](#_Data_Field_Requirements) section will require RPD design changes

## Definitions, Acronyms, and Abbreviations

1. This subsection provides the definitions of all terms, acronyms, and abbreviations required to properly interpret the **Requirements Specification**. This information may be provided by reference to the project’s Glossary.

| Acronym | Name | Description |
| --- | --- | --- |
| EBS R12 | Oracle E-Business Suite Release 12 | Financials System |
| OBIA | Oracle Business Intelligence Applications | Oracle BI analytics pre-packaged application |
| OBAW / DW | OBIA Data warehouse |  |
| BI | Business Intelligence | Oracle Analytics tool |

## References

1. This subsection provides a complete list of all documents referenced elsewhere in the **Requirements Specification**. Identify each document by title, report number (if applicable), date, and publishing organization. Specify the sources from which the references can be obtained. This information may be provided by reference to an appendix or to another document.

## Overview

Data in this subject area will be a simple 1 table structure to allow adhoc reporting on data reconciliation between BI and pre allocated expense and post allocated expense. This process will allow querying the reconciliation figures at the point in time of each ETL run.

1. This subsection describes what the rest of the **Requirements Specification** contains and explains how the document is organized.

# Requirements

## Business Requirements

1. This section of the **Requirements Specification** describes the general factors that affect the product and its requirements. This section does not state specific requirements. Instead, it provides a background for those requirements, which are defined in detail in Section 3, and makes them easier to understand. Include such items as product perspective, product functions, user characteristics, constraints, assumptions and dependencies, and requirements subsets.

* A new subject area called “Cigna - BI Data Reconciliation” will be created
* This subject area will only available to BI Administrators, Developers, and Cigna Business Development users
* All cloumns in the fact table should be aggregated by default.

# Design / Approach

1. This section of the **Requirements Specification** contains all software requirements to a level of detail sufficient to enable designers to design a system to satisfy those requirements and testers to test that the system satisfies those requirements. When using use case modeling, these requirements are captured in the use cases and the applicable supplemental specifications. If use case modeling is not used, the outline for supplemental specifications may be inserted directly into this section.

This section describes the high level design and approach.

## Logical Data Model / Data Field Requirements

1. This section describes any key technical feasibility, subsystem or component availability, or other project related assumptions on which the viability of the software described by this **Requirements Specification** may be based.



## Data Security

# Supporting Requirements

1. The supporting information makes the **Requirements Specification** easier to use. It includes:  
     
   - Table of Contents  
   - Index  
   - Appendices
2. These may include use case storyboards or user-interface prototypes. When appendices are included, the **Requirements Specification** should explicitly state whether or not the appendices are to be considered part of the requirements.

## Overall Supplemental Requirements

1. The intent of this section is to record the Supplemental Requirements. Reference the Supplemental Requirements (RD.055)
2. The intent of this section is to record the User Interface Standards Requirements. You may include samples, and textual descriptions of the UI standards. Reference the **User Interface Standards Requirements** (RA.095)

## Performance

1. The intent of this section is to record the Performance management requirements. Reference the Performance Management Requirements and Strategy (PT.020).

## Audit and Control

1. The intent of this section is to record the Audit and Control requirements. Reference the Audit and Control Requirements and Strategy (RD.070).
2. The intent of this section is to record the Data Acquisition and Conversion requirements. Reference the Data Acquisition and Conversion Requirements (CV.010).
3. The intent of this section is to record the Documentation requirements. Reference the Documentation Requirements and Strategy (DO.010).
4. The intent of this section is to record the Technical Architecture requirements. Reference the Architecture Requirements and Strategy (TA.020).

## Testing

1. The intent of this section is to record the Testing requirements. Reference the Testing Requirements (TE.005).
2. The intent of this section is to include the Services Portfolio. Individual SOA Services may be referenced by the Use Cases. Reference the **Service Portfolio (**RA.025).

# Open and Closed Issues

1. Add open issues that you identify while writing or reviewing this document to the open issues section. As you resolve issues, move them to the closed issues section and keep the issue ID the same. Include an explanation of the resolution.  
     
   When this work product is complete, any open issues should be transferred to the project- or process-level Issue Log (Manage focus area) and managed using a project level Issue Form (Manage focus area). In addition, the open items should remain in the open issues section of this work product, but flagged in the resolution column as being transferred.

## Open Issues

| ID | Issue | Resolution | Responsibility | Target Date | Impact Date |
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## Closed Issues

| ID | Issue | Resolution | Responsibility | Target Date | Impact Date |
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