O2\_GENAI\_REP946

INV Cycle Count Variance/Accuracy Report

**Lean Specification**

Document Control Information

Document Information

|  |  |
| --- | --- |
| Document Identification | O2\_GENAI\_REP946 |
| Document Name | INV Cycle Count Variance/Accuracy Report |
| Project Name | Client Cloud Implementation |
| Client | N/A |
| Document Author | Dharani P |
| Document Version | V1.0 |
| Document Status | Active |
| Date Released | 13-Sep-2023 |

Document Edit History

| Version | Date | Additions/Modifications | Prepared/Revised by |
| --- | --- | --- | --- |
| 1 | 13-Sep-2023 | Initial version | Dharani P |
|  |  |  |  |
|  |  |  |  |

Document Review/Approval History

| Date | Name | Organization/Title | Comments |
| --- | --- | --- | --- |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

Distribution of Final Document

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

| Name | Organization/Title |
| --- | --- |
|  |  |
|  |  |
|  |  |

Document Information

**Table of Contents**

[1 Report Summary 4](#_Toc50463780)

[1.1 Purpose/Justification 4](#_Toc50463781)

[1.2 Report Description and Overview 4](#_Toc50463782)

[1.3 Legacy Report Sample 4](#_Toc50463783)

[2 Functional Design 5](#_Toc50463784)

[2.1 Report Details 5](#_Toc50463785)

[2.2 Data Selection and Sorting 5](#_Toc50463786)

[2.3 Launch Parameters 5](#_Toc50463787)

[2.4 Key Logic 6](#_Toc50463788)

[2.5 Data Mapping 6](#_Toc50463789)

[2.6 Assumptions 6](#_Toc50463790)

[2.7 Dependencies 6](#_Toc50463791)

[3 Workday Technical Design Specifications <remove if not applicable> 7](#_Toc50463792)

[3.1 Overview 7](#_Toc50463793)

[3.2 Detailed Report Design 7](#_Toc50463794)

[4 Oracle Cloud Technical Design Specifications <remove if not applicable> 8](#_Toc50463795)

[4.1 Overview 8](#_Toc50463796)

[4.2 Detailed Report Design 8](#_Toc50463797)

[4.3 HCM Extract Design 8](#_Toc50463798)

[4.4 BI Publisher Design 8](#_Toc50463799)

[4.5 OTBI Design 10](#_Toc50463800)

[5 SuccessFactors Technical Design Specifications <remove if not applicable> 11](#_Toc50463801)

[5.1 Overview 11](#_Toc50463802)

[5.2 Detailed Report Design 11](#_Toc50463803)

[6 Open Items 12](#_Toc50463804)

# Report Summary

## Purpose/Justification

This functional specification document forms the basis for a detailed technical specification. This document is intended to provide the developer with the necessary information for developing Cycle Count Variance Report. It defines the key information, assumptions, rules, and logic that are needed to create the Report.

## Report Description and Overview

The Cycle count variance Report is to Validate the Item On Hand in Inventory

## Legacy Report Sample



# Functional Design

## Report Details

|  |  |
| --- | --- |
| Report Name | O2\_GENAI\_REP946\_INV\_Cycle\_Count\_Variance\_Accurancy\_Report |
| Report Path | /Shared Folders/Custom/O2 GenAI Custom/Others/O2\_GENAI\_REP946\_INV\_Cycle\_Count\_Variance\_Accurancy/O2\_GENAI\_REP946\_INV\_Cycle\_Count\_Variance\_Accurancy\_Report |
| Report Schedule | Monthly |
| Scheduled Report Recipients | Inventory Team |
| Output Format | PDF  XML  HTML  CSV  EXCEL |
| Report Owner | FTD Team |
| Estimated number of records | N/A |
| Additional Comments | N/A |

## Data Selection and Sorting

1. Report will pull data only for the provided org in parameter
2. If BU is selected by the user and Org parameter is left blank, then run the report for all the orgs user has access to in the selected BU.
3. Only Stock enabled Items (Inventoried) items will be consider.
4. Service Item or Intangible item will not be the part of Cycle Counting.
5. All the ABC assignment group items need to be considered for the report

## Launch Parameters

| Parameter | Required | Valid Values | Default |
| --- | --- | --- | --- |
| Business Unit | Mandatory | List of All BU’s |  |
| Inventory Organization Code | Non-Mandatory | Inventory Organization Code |  |
| Start Date | Non-Mandatory | Range of Date Start from |  |
| End Date | Non-Mandatory | Range of Date Ends at |  |

## Key Logic

* Counted Quantity:  Actually, counted quantity is a manual and physical counting process, Concern executive will do counting and put those values manually, so column blank and filled manually.
* For reference there is an On-Hand Available Quantity Column besides the Counted Qty.
* STOCK\_ENABLED\_FLAG should be 'Y' from table EGP\_SYSTEM\_ITEMS\_B
* For Sub-Inventory & Locator:
* Navigation: Supply Chain Execution -> Manage Item Quantities-(Task)>Search for an item & Expand Item details

## Data Mapping

|  |  |  |  |
| --- | --- | --- | --- |
| Ref | Field Name | Report Heading | Field Source/Logic |
| 1 | Part Number | Part Number | Item Code |
| 2 | Description | Description | Item Description |
| 3 | Inventory Organization | Inventory Organization | Inventory Organization Code |
| 4 | Sub inventory | Sub inventory | Sub inventory |
| 5 | Locator | Locator | Locator Name |
| 6 | Counted Quantity | Counted Quantity | Quantity Available |
| 7 | UOM | UOM | Unit of Measure |

## Assumptions

NA

## Dependencies

* Inventory orgs are defined and configured
* Item master is defined and assigned to the orgs
* Stock enabled flag for item should be “Y”
* ABC Classification for Items

# Workday Technical Design Specifications <remove if not applicable>

## Overview

N/A

## Detailed Report Design

|  |  |
| --- | --- |
| **Report Design** | |
| **Report Name** | N/A |
| **Report Type** | Simple  Advanced  Matrix  Trending  Transposed  Search  nBox  Composite |
| **Data Source** |  |
| **Enabled as a Web Service?** | N/A |
| **BIRT Report?** | N/A |
| **Filename** | N/A |
| **File Format** | N/A |
| Additional Information | N/A |

# Oracle Cloud Technical Design Specifications

## Overview

This section is intended to provide the developer with all the key information, assumptions, rules, and technical components required to implement the INV Cycle Count Variance report.

## Detailed Report Design

|  |  |
| --- | --- |
| **Report Design** | |
| **Report Path** | /Shared Folders/Custom/O2 GenAI Custom/Others/O2\_GENAI\_REP946\_INV\_Cycle\_Count\_Variance\_Accurancy/O2\_GENAI\_REP946\_INV\_Cycle\_Count\_Variance\_Accurancy\_Datamodel |
| **Report Name** | O2\_GENAI\_REP946\_INV\_Cycle\_Count\_Variance\_Accurancy\_Report |
| **Report Tool** | HCM Extract  BI Publisher  OTBI |
| **Report Security Group** | N/A |
| Additional Information | N/A |

## HCM Extract Design

**<Needed in case of HCM Extracts>**

|  |  |
| --- | --- |
| **HCM Extract Details** | |
| **Entity Names** | * N/A |
| **Parameters** | * N/A |
| **Links** | * N/A |
| **Filters** | * N/A |
| **Output Templates** | * N/A |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **HCM Extract Attribute Details** | | | | | |
| **Column** | **Entity Name** | **Attribute Name** | **Conditional Action** | **Conditional Replacement** | **Comments** |
| **N/A** |  |  |  |  |  |

## BI Publisher Design

**<Needed in case of BI Publisher, delete if not relevant>**

|  |  |
| --- | --- |
| **BI Publisher Details** | |
| **Data Model Name** | O2\_GENAI\_REP946\_INV\_Cycle\_Count\_Variance\_Accurancy\_Datamodel |
| **Template Name** | INV\_Cycle\_Count\_Variance\_Report\_Template |
| **Template Output Formats (\* Indicates Default)** | PDF,Excel |

|  |
| --- |
| **Report Layout (Attach RTF Template)** |
|  |

|  |
| --- |
| **Report SQL** |
|  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Report Parameters** | | | |
| **Parameter Name** | **Data Type** | **Default Value** | **LOV query** |
| p\_as\_of\_date | Date | {$SYSDATE()$} |  |
| p\_bu\_name | String |  | SELECT DISTINCT c.name  FROM per\_users a,  fun\_user\_role\_data\_asgnmnts b,  hr\_organization\_units\_f\_tl c  WHERE a.user\_guid = b.user\_guid  AND b.org\_id = c.organization\_id  AND c.language = Userenv('LANG')  AND b.org\_id IS NOT NULL  AND b.active\_flag = 'Y'  AND a.user\_guid = fnd\_global.user\_guid |
| p\_org\_code | String |  | SELECT DISTINCT organization\_code  FROM inv\_organization\_definitions\_v order by organization\_code |

## OTBI Design

**<Needed in case of OTBI, delete if not relevant>**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Columns** | | | | |
| **Subject Area** | **Folder** | **Column** | **Sort Order** | **Filter Criteria** |
| N/A |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| **Views** | | |
| **View Type** | **View Name** | **View Columns** |
| N/A |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Analysis Prompts** | | | | |
| **Prompt Type** | **Column Name** | **Label** | **Data Type** | **Default Value** |
| N/A |  |  |  |  |

|  |  |
| --- | --- |
| **Advanced Options** | |
| **Option Name** | **Option Details** |
| N/A |  |

# SuccessFactors Technical Design Specifications <remove if not applicable>

## Overview

## Detailed Report Design

N/A

|  |  |
| --- | --- |
| **Report Design** | |
| **Report Name** | N/A |
| **Report Type** | Ad-Hoc Report  Advanced Reporting  Detailed Reporting  Dashboards and Tiles  Online Report Designer (ORD)  Workforce Analytics  B.I.R.T. |
| **Data Source** |  |
| **BIRT Report?** | <Yes/No – if yes, include BIRT report template name> |
| **File Format** | <CSV, pipe delimited, not applicable> |
| Additional Information | <Document any details not described above.> |

# Open Items

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Date Reported | Status | Question | Answer | Due Date | Responsible Party |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

About Deloitte

As used in this communication, ‘Deloitte’ means Deloitte Touche Tohmatsu Limited and its member firms.

Deloitte refers to one or more of Deloitte Touche Tohmatsu Limited, a UK private company limited by guarantee (“DTTL”), its network of member firms, and their related entities. DTTL and each of its member firms are legally separate and independent entities. DTTL (also referred to as “Deloitte Global”) does not provide services to clients. Please see www.deloitte.com/about for a more detailed description of DTTL and its member firms.

Deloitte provides audit, consulting, financial advisory, risk management, tax and related services to public and private clients spanning multiple industries. With a globally connected network of member firms in more than 150 countries and territories, Deloitte brings world-class capabilities and high-quality service to clients, delivering the insights they need to address their most complex business challenges. Deloitte’s more than 220,000 professionals are committed to making an impact that matters.

External Communications Disclaimer

This communication contains general information only, and none of Deloitte Touche Tohmatsu Limited, its member firms, or their related entities (collectively, the “Deloitte Network”) is, by means of this communication, rendering professional advice or services. Before making any decision or taking any action that may affect your finances or your business, you should consult a qualified professional adviser. No entity in the Deloitte Network shall be responsible for any loss whatsoever sustained by any person who relies on this communication.

Internal Communications Disclaimer

This communication is for internal distribution and use only among personnel of Deloitte Touche Tohmatsu Limited, its member firms, and their related entities (collectively, the “Deloitte Network”). None of the Deloitte Network shall be responsible for any loss whatsoever sustained by any person who relies on this communication.

© 2019, For Information, contact Deloitte Touche Tohmatsu.

n, contact Deloitte Touche Tohmatsu.