­­­­

**Business Blueprint**

**SAP Extended Warehouse Management (EWM) -**

**Inbound Processes**

Version 1.0

**<CUSTOMER\_LOGO>**

**Project Identification**

|  |  |
| --- | --- |
| Project Name: [<PROJECT\_NAME>] | |
| Customer Name | {CUSTOMER\_NAME} |
| Project Type | {PROJECT\_TYPE} |
| SAP Version | {SAP\_VERSION} |

**This is hereby agreed to sign off the document by the below personnel.**

**Artihcus Global Pvt Limited**

|  |  |  |  |
| --- | --- | --- | --- |
| Name Designation Date Signature | | | |
|  |  |  |  |
|  |  |  |  |

**{CUSTOMER\_NAME}**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Designation/Role | Date | Signature | |
|  |  |  | |  |
|  |  |  | |  |
|  |  |  | |  |
|  |  |  | |  |
|  |  |  | |  |
|  |  |  | |  |

**Version control:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Date | Version | Author | Notes | |
|  |  |  | |  |
|  |  |  | |  |
|  |  |  | |  |
|  |  |  | |  |

{CUSTOMER\_NAME} Warehouse Inbound Process (End-To-End Scenarios) Document

|  |  |  |
| --- | --- | --- |
| **Scope Item** | **Process Area** | **<Warehouse Number>** |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

Contents

[Introduction 6](#_Toc177725462)

[Document Overview 6](#_Toc177725463)

[Purpose of the Document 7](#_Toc177725464)

[How to read this Document 7](#_Toc177725465)

[Glossary 8](#_Toc177725466)

[Process Area-1 10](#_Toc177725467)

[Process Definition 10](#_Toc177725468)

[Process Details 10](#_Toc177725469)

[Business Benefits 10](#_Toc177725470)

[Key Process Flow 10](#_Toc177725471)

[Process Flow Chart for <Process Area-1> 10](#_Toc177725472)

[Process Narrative 11](#_Toc177725473)

[Process Area-2 11](#_Toc177725474)

[Process Definition 11](#_Toc177725475)

[Process Details 11](#_Toc177725476)

[Business Benefits 12](#_Toc177725477)

[Key Process Flow 12](#_Toc177725478)

[Process Flow Chart for <Process Area-2> 12](#_Toc177725479)

[Process Narrative 12](#_Toc177725480)

[Process Area-3 13](#_Toc177725481)

[Process Definition 13](#_Toc177725482)

[Process Details 13](#_Toc177725483)

[Business Benefits 13](#_Toc177725484)

[Key Process Flow 13](#_Toc177725485)

[Process Flow Chart for <Process Area-3> 13](#_Toc177725486)

[Process Narrative 14](#_Toc177725487)

[Process Area-4 14](#_Toc177725488)

[Process Definition 14](#_Toc177725489)

[Process Details 14](#_Toc177725490)

[Business Benefits 14](#_Toc177725491)

[Key Process Flow 15](#_Toc177725492)

[Process Flow Chart for <Process Area-4> 15](#_Toc177725493)

[Process Narrative 15](#_Toc177725494)

[Master Data Considerations 15](#_Toc177725495)

[Major Business Pain Points 16](#_Toc177725496)

[Enhancements and Conversions 16](#_Toc177725497)

[Forms and Labels 16](#_Toc177725498)

[Reports 16](#_Toc177725499)

[Key Integration Points 17](#_Toc177725500)

[Gap Analysis 17](#_Toc177725501)

# Introduction

**{CUSTOMER\_NAME}**operation consists of one legal entity in **<Country>**. **{CUSTOMER\_NAME}**manages manufacturing facilities of Food Manufacturing **<Products>** and Trading as well. There are two manufacturing factories located in **<Location of the customer country/city>**.

**{CUSTOMER\_NAME}**is planning to commission a new Tier 1 Core ERP solution which entails the complete set of modules to manage the entire operation and functions in a single flatform. SAP S4/HANA ERP is the preferred choice based on the experience in the manufacturing domain and the optimized process orchestration. Key expectation is to create a digitally optimized operation and to create a culture of automation for **{CUSTOMER\_NAME}.**

Apart from that following key expectations also in line with this Implementation-

* Sustain and Grow in Market among other Competitors.
* Produce with Cost effective method.
* Release quality driven product
* Innovate
* Interoperate with the latest technology.
* Knowledge Management & Manage system driven organization.

As part of SAP S/4HANA 1909 Enterprise Management implementation project for **{CUSTOMER\_NAME}**, this document is Business Scenarios/End-To-End Processes document which serves as a master plan document for executing the configuration of the system for the proposed solutions. This is a critical document as this store all the business scenarios of the **{CUSTOMER\_NAME}**client, record the business requirement, defines the SAP S/4 HANA 1909 proposed solution in detail and explains all the solution GAPS and the development requirements to address them.

This document contains the Organization structure, Key Data structure (KDS) of warehouse, business processes master list (BPML), workflows, integration with other modules, Enhancements/conversions, Forms & Scripts, Reports and backlog list that are required to deploy and operate SAP S/4 HANA EWM system.

All the business requirements & Gaps that SAP S/4 HANA system is not able to address through a standard solution have been listed in the GAPs section of the document.

# Document Overview

The purpose of this document, which is the main deliverable of the explore Phase, is to serve as a conceptual Master plan for the implementation of SAP S/4 HANA 1909 to perform day to day business activities related to **{CUSTOMER\_NAME}**

During the Explore phase, EWM consultants held business process workshops with the Business warehouse Key users to discuss and deliberate the business requirements for the respective functional areas. The objectives of the workshops were to discuss the following aspects of various business processes:

* Client Business Processes
* Expectations/improvements/Solutions recommendations from the new S/4 HANA 1909 system
* Reporting/Forms/Information requirements

During the workshops, the EWM team briefed about the capabilities and standard best practices of the SAP S/4 HANA 1909 EWM solutions about the {CUSTOMER\_NAME}business processes.

# Purpose of the Document

The primary purpose of this document is to capture the business operational requirements of **{CUSTOMER\_NAME}**division for SAP S/4 HANA 1909 implementation project.

The purpose of this document is as follows:

* Introduce the business processes implementing the SAP S/4 HANA 1909 enterprise management for **{CUSTOMER\_NAME}**client
* Confirm the understanding of the current business process and scenarios, which would form the basis for system specifications.
* Describe the SAP S/4 HANA 1909 solution design based on the best practices to meet the business requirements.
* List requirements which cannot be addressed by the standard SAP S/4 HANA 1909 system (GAP’s) and the approach to meet such requirements (RICEFW).

# How to read this Document

This document initially gives an overview of the SAP Extended Warehouse Management (EWM) module preview. This would essentially help in defining the boundaries of the module and in identifying the activities to be performed within the Extended Warehouse Management module in SAP. Subsequently, the report discusses in detail, the proposed coverage of SAP EWM at **{CUSTOMER\_NAME}**– in terms of organizational entities and business processes. Each business process has been described with all the variations.

This document describes the Inbound processes specific to the SAP Extended Warehouse Management Module.

# Glossary

|  |  |
| --- | --- |
| **Code** | **Description** |
| SAP | Systems Applications and Products in Data Processing |
| SAP S/4 HANA | SAP Business Suite 4 SAP HANA |
| HANA | High-Performance Analytics Application |
| <Warehouse Number> | <Warehouse Name> |
| ERP | Enterprise Resource Planning |
| EWM | Extended Warehouse Management |
| BPML | Business Process Master List |
| BPD | Business Process Document |
| WM | Warehouse Management |
| MM | Materials Management |
| IM | Inventory Management |
| PO | Purchase order |
| LE | Logistics Execution |
| IBD | EWM Inbound delivery |
| ASN | Advanced Shipping Notification |
| HHT | Handheld Terminal |
| RF | Radio Frequency |
| GR | Goods Receipt |
| GI | Goods Issue |
| OBD | EWM Outbound delivery |
| HU | Handling Unit |
| S.Loc. | Storage Location |
| STO | Stock Transport Order |
| FEFO | First Expiry First Out |
| SLED | Shelf-Life Expiration Date |
| SCWM | Supply Chain Warehouse Management |
| RICEFW | Reports, Interface, Conversion, Enhancements, Forms and Workflow |
| **<Warehouse Location>** | **<Warehouse Location>** |
| **<Plant Code>** | **<Plant Name>** |
| RM | Raw Material |
| PM | Packaging Material |
| PSA | Production Supply Area |
|  |  |

# <Process Area-1>

## Process Definition

## Process Details

This section describes the handling of Goods in Warehouse after an Inbound Delivery created in S/4 HANA System

|  |  |
| --- | --- |
| **Process Characteristics Description** | |
| **Process Trigger** | **<Process Area-1 In S/4 HANA 1909>** |
| **Process Input** | **<Inbound Process>** |
| **Process Output** | **<Stock up in the respective storage Location>** |
| **Process Owner** | **<Warehouse Supervisor>** |
| **Process Executor** | **<Warehouse Operator/ Warehouse Clerk>** |
| **Process Where Used** | **<Warehouse Number>** |

## Business Benefits

## Key Process Flow

## Process Flow Chart for <Process Area-1>

## Process Narrative

This scope item consists of several process steps that are listed in the following table.

|  |  |  |  |
| --- | --- | --- | --- |
| Process Step | Business Role | Fiori App Name / Transaction | Expected Results |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

# <Process Area-2>

## Process Definition

## Process Details

This section describes the handling of Goods in Warehouse after an Inbound Delivery created in S/4 HANA System

|  |  |
| --- | --- |
| **Process Characteristics Description** | |
| **Process Trigger** | **<Process Area-2 In S/4 HANA 1909>** |
| **Process Input** | **<Inbound Process>** |
| **Process Output** | **<Stock up in the respective storage Location>** |
| **Process Owner** | **<Warehouse Supervisor>** |
| **Process Executor** | **<Warehouse Operator/ Warehouse Clerk>** |
| **Process Where Used** | **<Warehouse Number>** |

## Business Benefits

## Key Process Flow

## Process Flow Chart for <Process Area-2>

## Process Narrative

This scope item consists of several process steps that are listed in the following table.

|  |  |  |  |
| --- | --- | --- | --- |
| Process Step | Business Role | Fiori App Name / Transaction | Expected Results |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

# <Process Area-3>

## Process Definition

## Process Details

This section describes the handling of Goods in Warehouse after an Inbound Delivery created in S/4 HANA System

|  |  |
| --- | --- |
| **Process Characteristics Description** | |
| **Process Trigger** | **<Process Area-3 In S/4 HANA 1909>** |
| **Process Input** | **<Inbound Process>** |
| **Process Output** | **<Stock up in the respective storage Location>** |
| **Process Owner** | **<Warehouse Supervisor>** |
| **Process Executor** | **<Warehouse Operator/ Warehouse Clerk>** |
| **Process Where Used** | **<Warehouse Number>** |

## Business Benefits

## Key Process Flow

## Process Flow Chart for <Process Area-3>

## Process Narrative

This scope item consists of several process steps that are listed in the following table.

|  |  |  |  |
| --- | --- | --- | --- |
| Process Step | Business Role | Fiori App Name / Transaction | Expected Results |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

# <Process Area-4>

## Process Definition

## Process Details

This section describes the handling of Goods in Warehouse after an Inbound Delivery created in S/4 HANA System

|  |  |
| --- | --- |
| **Process Characteristics Description** | |
| **Process Trigger** | **<Process Area-4 In S/4 HANA 1909>** |
| **Process Input** | **<Inbound Process>** |
| **Process Output** | **<Stock up in the respective storage Location>** |
| **Process Owner** | **<Warehouse Supervisor>** |
| **Process Executor** | **<Warehouse Operator/ Warehouse Clerk>** |
| **Process Where Used** | **<Warehouse Number>** |

## Business Benefits

## Key Process Flow

## Process Flow Chart for <Process Area-4>

## Process Narrative

This scope item consists of several process steps that are listed in the following table.

|  |  |  |  |
| --- | --- | --- | --- |
| Process Step | Business Role | Fiori App Name / Transaction | Expected Results |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

# Master Data Considerations

* Product Master (Material Master)
* Storage bin master
* Vendor (Business Partner)

# Major Business Pain Points

Provide a high-level list of requirements and expectations - link to the value dependency document.

|  |  |  |  |
| --- | --- | --- | --- |
| Major Business Pain Points | | | |
| Pain Point ID | Pain Point Description | Impact on Business | Contact |
|  |  |  |  |
|  |  |  |  |

# Enhancements and Conversions

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Enhancement Point ID | RICEFW | Component (E.x: SAP S/4 HANA Module/ Other System) | Description | Point of Contact |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

# Forms and Labels

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Serial No | RICEFW ID | Description | Data Object | Output Types | Owner |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

# Reports

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Serial No. | Name of Report | Format Provided | Transaction/Fiori App | Customized Report |
| 01 |  |  |  |  |
| 02 |  |  |  |  |
| 03 |  |  |  |  |
| 04 |  |  |  |  |

# Key Integration Points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Integration Point**  **Id** | **Integration Point** | **Component (E.x: SAP S/4 HANA Module/ Other System)** | **Description** | Point of Contact |
| 01 |  |  |  |  |
| 02 |  |  |  |  |
| 03 |  |  |  |  |

# Gap Analysis

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Business Requirement (High level) | | | | |
| Req. ID | Requirement Description | Standard/ Gap | Priority | Contact |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |