|  |  |
| --- | --- |
| a | CintasLogo |

Customer NameDocument Title

|  |
| --- |
| **Customer Name** |
| Service Order Feed  for  SPM |
| FUNCTIONAL SPECIFICATION – ENHANCEMENT |
|  |

[How to use the Template: This chapter gives only explanations on the template. Remove it before completing the template.

Blue text is always intended as instructions, guidelines, explanations, hints, and tips. It should always be removed from the template for the project.

Update Fields in Document: If you want to update all fields, press "CTRL+A," then "F9". You will get pop-ups sequentially, which ask you for the new values. Afterwards go to the footer area, then press "CTRL+A" and "F9" again.

Top-level chapters may not be deleted or inserted; required additions should be made as sub-chapters to existing chapters to provide a consistent representation of this document to the customer. To keep the numbering of the chapters consistent over all specifications (of the project), do NOT delete top-level chapters that are not relevant in a concrete document; only mark them as not relevant (that is, add “not relevant” or “not applicable”).]

[Document Version Status has four values: Draft, Ready for Review, Reviewed with Comments and Final. If the document send by an Author(s) without an intention of a Review should have a status as Draft. A Draft document may have some incomplete sections.

If the document send by an Author(s) with an intention of a Review should have a status as Ready for Review. All the sections in the document are expected to be completed in this case.

Reviewer(s) should set only two statuses:

* Reviewed with Comments – if documents need to send the document to Author(s).
* Final – marks the acceptance of reviewer for the document.]

You can for example number the appropriate versions as follows:

0.1 Draft

0.2 Ready for Review

0.3 Reviewed with Comments (in case document is send back to author(s)

0.3 Ready for Review (in case of major changes)

1.0 Final

In case of fundamental changes:

1.1 Draft (new draft version that must pass a review again)

1.2 Ready for internal review

1.3 Ready for Review

2.0 Final

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# Document Organization

This section provides details about this document, previous version(s) of this document and the document(s) referred.

## Document Log

[Please specify information about Version changes in the following table. The first version should be specified in the first row and the current (latest) version should be specified in the last row]

[The Version Created by details should be specified as:

First Name followed by Last Name  
Email  
Company]

Following table mentions the version changes and the processer(s):

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Version | Status | Date | Version Created by (Name/E-Mail/Company) | Role | Comments |
| 0.1 | Ready for Review | June 13, 2023 | Niraj Bhatt  [niraj.bhatt@sap.com](mailto:niraj.bhatt@sap.com)  Ramesh Janakiraman  janakiramanr@cintas.com | Author | Initial version |
|  | Choose an item. | Click here to enter a date. |  | Choose an item. |  |

## 

## Document Approval Log

Following table mentions the stakeholders from 3-in-box who has reviewed and approved.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SNo |  | Name | Date | Approval Status | Comments |
| 1 | SAP Service | Niraj Bhatt |  |  |  |
| 2 | SAP SPM | Anand Dalavi |  |  |  |
| 3 | Cintas IT | Jessica Kaplan | 6/14/23 | Approved |  |
| 4 | Cintas Business | Adriana Gutierrez | 6/13/2023 | Approved |  |
| 5 | Cintas Business | Bret Scarborough | 6/13/2023 | Approved |  |

## Enhancement, Document Reference

[Reference to other content-related documents. For example:

Reference to solution proposal or business process description,

References to other specifications of the same project,

References to documents of earlier project phases,

Following documents are

|  |  |  |  |
| --- | --- | --- | --- |
| S. No. | Referred Document Name | Referred Document Version | Referred Document URL (Optional) |
|  |  |  |  |
|  |  |  |  |

The documents listed here are explicitly not part of this Functional Specification. They are not automatically accepted together with this Specification but may be subject to a separate customer/SAP acceptance.

# Justification

SPM needs data from S/4 Service for the calculation of commissions for different partners.

# Landscape Details

|  |  |
| --- | --- |
|  |  |
| Landscape | S/4HANA On-Premises  S/4HANA Private Cloud edition  S/4 HANA Public Cloud |
| Extension/Enhancement type | In-App Extension  Classic Enhancement techniques |

# Functional **Description**

## Generate data feed for SPM

* Retrieve required data elements from SAP S/4 System
  + Service Order Items
  + Partners associated with Service Order Items
  + ~~Service Confirmation Items~~
  + ~~Partners associated with Service Confirmation Items~~

**Selection Criteria:**

* + - * Service Order Number(s)
      * Date Default value: Today’s Date

Display message: “SPM Feed for Service Completion Date:” <<Date>> - 1 Day

**Data Retrieval:**

* The data elements to be retrieved are captured in the below excelsheet on tab: “*Mapping & Validation*”. Refer to column “S/4 Database Table and Field Name”.

[CINTAS\_CDL\_TXSTA\_SalesTransactionTemplate\_V7.xlsx](https://cintas1.sharepoint.com/:x:/r/sites/S4FireTransformationandCentralFinanceReporting/Shared%20Documents/General/Workstreams/Order%20to%20Cash%20(OTC)/3%20Realize%20Phase/Functional%20Specifications/Draft/CINTAS_CDL_TXSTA_SalesTransactionTemplate_V7.xlsx?d=w2847dd9368b146da8f219827372e0581&csf=1&web=1&e=go94UY)

Refer to: Transaction Data (rows 1 to 132) for retrieving following data feeds

* + Service Order Items
  + Service Confirmation Items
  + Billing Items

Refer to: Transaction Assignment Data (rows 137 to 189) for retrieving following data feeds

* + Partners associated with Service Order Items
  + Partners associated with Service Confirmation Items

Select Service Order Items

Where Status = Completed (E0006)

and Status Changed Date (ZSTAT\_CHANGE) = Yesterday’s Date

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table | Field Name |  | Table | Field Name | Constant Value |
| CRMS4D\_SERV\_H | HEADER\_GUID | = | CRM\_JCDS | OBJNR |  |
| CRM\_JCDS | STAT | = |  |  | E0006 |
| CRM\_JCDS | UDATE | = |  |  | <<DATE>> - 1 |
| CRMS4D\_SERV\_I | OBJECT\_ID | = | CRMS4D\_SERV\_H | OBJECT\_ID |  |

* Schedule the batch job to run every day at 1:00AM
* Generate text file for the data retrieved.

|  |  |
| --- | --- |
| Data Feed | File Name |
| Service Order Items | SERVICETXSTA\_env\_yyyymmdd\_hhmiss\_INVOICE.txt |
| Partners associated with Service Order Items | SERVICETXTA\_env\_yyyymmdd\_hhmiss\_INVOICE.txt |
| Service Confirmation Items | cust\_TXSTA\_env\_yyyymmdd\_hhmiss\_INVOICE.txt |
| Partners associated with Service Confirmation Items | cust\_TXTA\_env\_yyyymmdd\_hhmiss\_INVOICE.txt |

* The Source and Target folders on the application server is listed below.

**S4: Source directory:** /sftp/interfaces/ES4SFTP/SPM/Outbound/ServiceAssignment/Ready

**S4: Archive path:** /sftp/interfaces/ES4SFTP/SPM/Outbound/Service Assignment/Archive

**SPM:** /Inbound

**Example:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Service Order# | FSM  Completion Date | Service Completion information received by S4 on | S4  Service Order –  Completion Date | **S4**  **Service Order –**  **Status Changed Date**    (Date on which the S/4 Service Order Status was set to “Completed”) | Include in SPM Feed **batch job executed on 08/10/2023 01:00AM**    (Status Changed Date = One Day before 08/10/2023) | Comments |
| 101 | 08/09/2023 | 08/09/2023 | 08/09/2023 | 08/09/2023 | Yes |  |
| 102 | 08/08/2023 | 08/09/2023 | 08/08/2023 | 08/09/2023 | Yes | Service Order Completion information from FSM to S4 arrived one day later due to network issues. |
| 90 | 08/05/2023 | 08/05/2023 | 08/05/2023 | 08/09/2023 | Yes | Service Order Completion information (for Vendor Executed Service) from FSM to S4 was received on 08/05/2023; but, the Service Order was manually ‘Completed’ by FNA team in S4 on 08/09/2023. |

Example: If we run the job on 08/10 then it will include all the Service Orders where Status = Completed and Status Changed Date = 08/09.

**This would ensure that:**

* all the ‘Completed’ Service Orders are automatically included in the SPM feed irrespective of the delay in receiving the completion information from FSM.

* any Service Order completion information received from FSM after the execution of Batch Job will be included in the SPM Feed of the next day.

Example: batch job executed on 08/09/2023 at 01:00AM; and just after that Service Order# 11 got Completed in S/4. So, now Service Order# 11 will be included when the program is executed on 08/10/2023 at 01:00AM.

**If we run the job multiple times on the same day then**

* same set of Service Orders will be included in the SPM feed each time (because the job will select all the Service Orders where Status Changed Date = **Yesterday’s Date**)

Example: Status of 900 S4 Service Orders was set to ‘Completed’ on 08/09. Now, if we run the job multiple times on 10/08 then every time the system will include the same 900 Service Orders in the SPM Feed.

## Maintain and Validate: New Business

* Create custom table to maintain New Business Information
* Create Fiori App to maintain New Business Information on an exception basis.
  + Provide search help for individual fields (wherever possible).
  + Please Note: only designated Business Partners will have access to update the data manually; rest of the partners can display only based on their underlying access.
* This table will be updated during the generation of SPM data feed on a daily basis.
  + New rows will be added based on Commission Group, Material Group2 and Customer.
  + Existing rows will be updated based on Commission Group, Material Group2 and Customer.
* Provide ability to mass upload data in this custom table.
  + The upload of data (data migration) will be taken care of by Data Service team.
  + S/4 Custom program is not required for Data Migration.
  + Please Note: This is only for Data Migration purpose; and will not be utilized post go-live.
* Eligible Partner Functions for the New Business Commission will be maintained in TVARVC table
* ZGAM
* ZSOSOSR

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Element** | **Data Type** |  |
| Sold To | BU\_PARTNER | CHAR(10) |  |
| Line of Service | MVGR2 | CHAR(3) |  |
| ~~Type of Service~~ |  | ~~CHAR(1)~~ | ~~R - Recurring M - Monitoring S - Sales~~ |
| Commission Group | MVKE-**PROVG** |  | |
| Sales Office | CRMT\_R3\_SALES\_OFFICE | CHAR(4) |  |
| Service Team | OFIT\_SERVICE\_TGRP | CHAR(14) |  |
| Price Level (Accounting Indicator) |  | Char(2) |  |
| New Business Start Date |  | Date |  |
| New Business End Date |  | Date |  |
| Sold by - Partner Function |  | CHAR(8) |  |
| Sold by - Partner Number | BU\_PARTNER | CHAR(10) |  |
| Created On |  | Date |  |
| Service document# | OBJECT\_ID | NUMBER(10) |  |
| Last Service Date |  | Date |  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sold To  **BU\_PARTNER**  CHAR(10) | Line of Service **MVGR2**  CHAR(3) | Commission Group  PROVG | Sales Office  CHAR(4) | Service Team | Price Level  (Accounting Indicator) | New Business  Start Date | New Business End Date | Sold by Partner Function  CHAR(8) | Sold by Partner Number  BU\_PARTNER  CHAR(10) | Created On  DATE | Service document# | Last Service Date |
| Home Depot | Fire Extinguisher | V01 |  |  |  | 04/01/2020 | 05/25/2021 | Sales Representative | EE00001 |  |  |  |
| Home Depot | Sprinkler | V02 |  |  |  | 05/01/2023 | 06/01/2024 | SSR (Exec.Service Employee) | EE00002 |  |  |  |
| Home Depot | Sprinkler | V02 |  |  |  | 05/01/2023 | 06/01/2024 | GAM | EE00003 |  |  |  |
| Home Depot | Fire Alarm | V04 |  |  |  |  |  |  |  |  |  |  |
| Home Depot | Monitoring | V03 |  |  |  |  |  |  |  |  |  |  |
| Walgreens | Fire Extinguisher | V01 |  |  |  |  |  | SSR (Exec.Service Employee) | EE00009 |  |  |  |

.

For each Service Item (CRMS4D\_SERV\_I):

LV\_SOLDTO = CRMS4D\_SERV\_I-SOLD\_TO\_PARTY

LV\_MGGR2 = CRMS4D\_SERV\_I-ZZ1\_MATERIALGROUP2\_SRI

LV\_PRODUCT\_ID = CRMS4D\_SERV\_I-PRODUCT\_ID

LV\_SALES\_ORG\_SD = CRMS4D\_SERV\_I-SALES\_ORG\_SD

LV\_DIS\_CHANNEL = CRMS4D\_SERV\_I-DIS\_CHANNEL

* Retrieve PROVG

Select PROVG

From MVKE

Where MATNR = LV\_PRODUCT\_ID

And VKORG = LV\_SALES\_ORG\_SD

And VTWEG = LV\_DIS\_CHANNEL

**LV\_PROVG = MVKE-PROVG**

* Find the matching records (Sold To, MVGR2, **PROVG**) from custom table: ZDT\_SPM\_NB\_Data
  + Sort the found records in the descending order of ‘Last Service Date’ + ‘New Business End Date’

**If found() then for the First Found Record**

If Today's Date is within New Business Validity (between New Business Start Date and New Business End Date)

New Business (**GB1: New Business**) = True

Else

If Today’s Date – Last Service Date >= X Months (TVARVC Attribute: **ZSRV\_NB\_MONTHS**)

New Business = True

Endif

Endif

Update rows in Table: ZDT\_SPM\_NB\_Data

* + - Last Service Date = Today’s Date

If New Business = True

GB1: New Business = X

GA23: New Business Customer ID = ZDT\_SPM\_NB\_DATA-SOLD\_TO

GA24: New Business Primary Sales Rep = BP Number of partner associated with ZGAM

GA25: New Business Secondary Sales Rep = BP Number of partner associated with ZOSRSR

GN2: Base Price Level = ZDT\_SPM\_NB\_DATA-Accounting Indicator

GD1: New Business Start Date = ZDT\_SPM\_NB\_DATA-Start Date

GD1: New Business End Date = ZDT\_SPM\_NB\_DATA-End Date

Endif

**Else**

Find most recent service performed within last X months (TVARVC Attribute: **ZSRV\_NB\_MONTHS)** for the matching combination of SoldTo + MVGR2 + PROVG.

Select Object\_ID

From CRMS4D\_SERV\_I

Where Sold\_to\_party = LV\_SOLDTO

And ZZ1\_MATERIALGROUP2\_SRI = LV\_MVGR2

And Today’s date – SRVC\_ACT\_TO <= TVARVC-**ZSRV\_NB\_MONTHS**

**And CRMS4D\_SERV\_I-PRODUCT\_ID = MVKE-MATNR**

**And CRMS4D\_SERV\_I-SALES\_ORG\_SD = MVKE-VKORG**

**And CRMS4D\_SERV\_I-DIS\_CHANNEL = MVKE-VTWEG**

**And MVKE-PROVG = LV\_PROVG**

**Table Join**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table | Field Name |  | Table | Field Name | Local Variable / Constant |
| CRMS4D\_SERV\_I | SOLD\_TO\_PARTY | = |  |  | LV\_SOLDTO |
| CRMS4D\_SERV\_I | ZZ1\_MATERIALGROUP2\_SRI | = |  |  | LV\_MVGR2 |
| CRMS4D\_SERV\_I | PRODUCT\_ID | = | MVKE | MATNR |  |
| CRMS4D\_SERV\_I | SALES\_ORG\_SD | = | MVKE | VKORG |  |
| CRMS4D\_SERV\_I | DIS\_CHANNEL | = | MVKE | VTWEG |  |
| MVKE | PROVG | = |  |  | LV\_PROVG |
| Today’s Date – CRMS4D\_SERV\_I-SRV\_ACT\_TO | | <= | TVARVC attribute: ZSRV\_NB\_MONTHS | | |

If not found()

New Business = True

Add New Rows to Table: ZDT\_SPM\_NB\_Data

* + - * SoldTo = <<Sold To>>
      * MVGR2 = <<MVGR2>>
      * PROVG = LV\_PROVG
      * Sales Office = CRM\_ORDER\_READ-ET\_ORGMAN-SALES\_OFFICE\_SD
      * Service Team = CRM\_ORDER\_READ-ET\_ORGMAN-SERVICE\_ORG\_RE
      * Sold By – Partner Function = ZGAM
      * Sold By – Partner Number = <<BP Number of partner associated with ZGAM>>
        + **Retrieve ZGAM associated with Service Order Item**
      * New Business Start Date = Today’s Date
      * New Business End Date = Today’s Date + **ZSRV\_NB\_MONTHS**
      * Service Document = <<Service Order Number>>
      * Last Service Date = Today’s Date

* + - * SoldTo = <<Sold To>>
      * MVGR2 = <<MVGR2>>
      * PROVG = LV\_PROVG
      * Sales Office = CRM\_ORDER\_READ-ET\_ORGMAN-SALES\_OFFICE\_SD
      * Service Team = CRM\_ORDER\_READ-ET\_ORGMAN-SERVICE\_ORG\_RE
      * Sold By – Partner Function = ZOSRSR
      * Sold By – Partner Number = <<BP Number of partner associated with ZGAM>>
        + **Retrieve ZOSRSR associated with Service Order Item**
      * New Business Start Date = Today’s Date
      * New Business End Date = Today’s Date + **ZSRV\_NB\_MONTHS**
      * Service Document = <<Service Order Number>>
      * Last Service Date = Today’s Date

Endif

**Endif**

## Maintain Commission Split

* Commission Split % will be maintained in FSM for each activity; and will be sent to S/4 Service Order
* Enhance Service Order Item to receive commission split information from FSM.
* Display / Edit Commission Split information.
* Total of Commission % should be 100%

| Partner Function | Partner Number | Commission % |
| --- | --- | --- |
| Executing Service Employee | EE9000001 | 60% |
| Support Technician | EE9000002 | 20% |
| Support Technician | EE9000003 | 20% |
| Account Specialist | EE9000004 |  |
| SSR | EE9000005 |  |

## Logic for retrieving partners associated with Service Item.

Partners needs to be retrieved from following sources:

1. Partners associated with Service Item (commission% is zero)
2. Partners captured on Commission Split (**GN6: Commission Split**: commission% captured for respective partner)
3. New Business Custom Table

Please Note: Partner Functions: ZGAM and ZOSRSR are generally captured in the New Business Table.

## Logic for retrieving individual data elements.

**Partner Functions:**

Pass Transaction id to CRMS4D\_PARTNER-OBJECT\_ID and get Bill To Party from PARTNER\_ID field where PARTNER\_FCT = 00000003 and get address number from ADDR\_NR. Fetch the relevant fields from ADRC table by passing the ADDR\_NR.

Pass Transaction id to CRMS4D\_PARTNER-OBJECT\_ID and get Ship To Party from PARTNER\_ID field where PARTNER\_FCT = 00000055 and get address number from ADDR\_NR. Fetch the relevant fields from ADRC table by passing the ADDR\_NR.

**Telephone Numbers:**

Pass Transaction id to CRMS4D\_PARTNER-OBJECT\_ID and get Ship To Party from PARTNER\_ID field where PARTNER\_FCT = 00000055 and get address number from ADDR\_NR. Pass ADDR\_NR to ADR2-ADDRNUMBER to retrieve Telephone details.

**Document flow to get Service Contract from Billing Document:**

Pass Billing document number to CRMD\_BRELVONAE-OBJKEY\_B\_SEL where OBJTYPE\_B\_SEL = VBRK and retrieve the value from OBJGUID\_A\_SEL and check if OBJTYPE\_A\_SEL = BUS2000116 or BUS2000117. If the object type is BUS2000117, Pass the value to CRMD\_BRELVONAE-OBJKEY\_B\_SEL and retrieve the value from OBJGUID\_A\_SEL. Do the same with this GUID to retrieve the Service Contract GUID from OBJGUID\_A\_SEL by passing the above data to OBJKEY\_B\_SEL where OBJTYPE\_A\_SEL = BUS2000112. Pass the GUID to CRMS4D\_SERV\_H-HEADER\_GUID to retrieve the Service contract number from OBJECT\_ID.

**Document flow to get Service Order from Billing Document:**

Pass Billing document number to CRMD\_BRELVONAE-OBJKEY\_B\_SEL where OBJTYPE\_B\_SEL = VBRK and retrieve the value from OBJGUID\_A\_SEL and check if OBJTYPE\_A\_SEL = BUS2000116 or BUS2000117. If the object type is BUS2000117, Pass the value to CRMD\_BRELVONAE-OBJKEY\_B\_SEL and retrieve the value from OBJGUID\_A\_SEL where OBJTYPE\_A\_SEL = BUS2000116. Pass the GUID to CRMS4D\_SERV\_H-HEADER\_GUID to retrieve the Service contract number from OBJECT\_ID.

**Header Table for Service Order or Service Confirmation:**

CRMS4D\_SERV\_H where OBJECT\_ID is the transaction number and Business category OBJTYPE\_H equals to BUS2000116 for Service Order and BUS2000117 for Service Confirmation. Many mapping fields can be directly fetched from this table directly without a join as mentioned in the mapping spreadsheet.

**Item Table for Service Order or Service Confirmation:**

CRMS4D\_SERV\_I where OBJECT\_ID is the transaction number and Business category OBJTYPE\_H equals to BUS2000116 for Service Order and BUS2000117 for Service Confirmation and NUMBER\_INT is the item number on the document. Many mapping fields can be directly fetched from this table directly without a join as mentioned in the mapping spreadsheet.

**Determine Employee Number based on Business Partner Number**

Check whether the Partner Function is for Employee:

Select \*

From CRMC\_PARTNER\_FCT

Where PARTNER\_FCT = <<Service Order Item – Partner Function>>

And (PARTNER\_PFT = 0005 OR 0025)

IF Found() then Employee.

IF Employee then

Select IDNUMBER

From BUT0ID

Where PARTNER = <<Service Order Item – Partner Number>>

And TYPE = HCM032

LV\_EMPLOYEE\_NO = BUT0ID-IDNUMBER

ENDIF

ENDIF

**Retrieve Customer Account Type – GA1: Customer Account Type**

Select KVGR1

From KNVV

Where KUNNR = LV\_SOLDTO

And VKORG = LV\_SALES\_ORG\_SD

And VTWEG = LV\_DIS\_CHANNEL

GA1: Customer Account Type = KNVV-KVGR1

# Security / Authorization Requirements

[Please fill this section if there are special Authorization Requirements; else mention N/A. Every authorization object needs to be documented to provide the security administrator information on the purpose and use of the object. The following sections are the minimal documentation requirements]

* Business Users with Create / Change authorization for Service documents can utilize this functionality.

## Definition

[The definition establishes the purpose and or use for the object. Mention a standard object available to be used or custom authorization object to be created (if needed).]

## Defined Fields

[The defined fields should be listed with the valid values to be used. (Like Activity 01/02/03)]

## Procedure

[The procedure section helps to explain how this object is to be used. Examples with field values and explanations should be provided.]

# Dependencies / Constraints

[Please indicate any constraints that may impact the conversion development, such as limited access to legacy system, time constraints or data restrictions etc.]

[Please indicate any dependencies that may impact development, in terms of requirements from internal or external applications or teams

Also, please specify any interface or batch jobs that must be run prior to execution and dependent jobs/ operations.]

* Master data (Customer, Vendor, Material) are maintained in the system.

# Assumptions

[Describe any assumptions that have been made in the process of completing this design. What functionality is expected of configuration or other developments that pass information to this enhancement?]

# Security Requirements

[Please describe any security requirements or system checks that should be performed to ensure complete and accurate operation of this Enhancement]

# Functional Requirement

[Please provide a detailed description of the Enhancement. Please provide additional details for custom development requirements (Process flow diagram, detailed description of data manipulations, transactions required, screen flows) where appropriate.]

## Flow of Enhancement

[Please provide the flow of object to be enhanced. For example, in the program ‘XYZ’ go to screen/Sub screen 101 there modify/add a field]

[In case enhancement involves Fiori Applications, please provide screenshot from Fiori Screens where to add/modify field. In case of any new custom validation, determination or action needs to be added in Fiori application, please provide application & field details with appropriate screenshots.]

## Layout

[Please provide the layout for Area Menus, custom dialog screens, etc.

## Custom Fields

[ Any Custom fields needs to be added to business context should be specified along with type& length specification

Data population logic if applies, should also be specified along with Cloud BADI which can be used to serve purpose.

Please mention N/A if not applicable]

|  |  |  |  |
| --- | --- | --- | --- |
| Business Context |  | |  |
| Field Name | Type | Length | Logic |
|  |  |  |  |

## Custom Business Objects/Custom tables

[ Custom business objects are new approach to build custom tables for S/4 Cloud implementations, please specify fields and type details if we have any requirement of using/referring custom tables in enhancement

Please mention N/A if not required]

|  |  |  |
| --- | --- | --- |
| Custom Business Object Name |  | |
| Field Name | Type | Length |
|  |  |  |
|  |  |  |

# Assumptions in Functional Design

[Describe any assumptions that have been made in the process of completing this design.]]

# Open Issues in Functional Design

[Please specify any open issues like missing functional information, users, details etc. which should be discussed in in subsequent phases of the project. Any open issues when cleared should be added to the relevant sections of this document in a new version.]

# Business Test Conditions

[Please indicate the business level test conditions that should be used to verify successful operations of the Enhancement]

[Document all technical scenarios associated with this development. Examples would include 1) testing an error-free run; 2) testing the exception processes; 3) testing the error handling.]

[Document all control scenarios associated with this development. Examples would include 1) Rounding of dollars and cents; 2) Audit trail processing; 3) Reconciliation reporting]

**IMPORTANT**: The developer will need to test repeatedly, so where appropriate provide instructions to reverse the actions performed so the test may be run again or explain how to create new input data to the test.

|  |  |  |
| --- | --- | --- |
| Scenario # | Input Selection Criteria | Expected Result |
| Create Service Quotation |  | * Vendor Cost and Margin displayed on ITEMs grid. * Able to add more items by utilizing “Item Lookup” for Price Comparison |
| Create Service Order |  | * Vendor Cost and Margin displayed on ITEMs grid. * Able to add more items by utilizing “Item Lookup” for Price Comparison |
| Create Service Confirmation |  | * Vendor Cost and Margin displayed on ITEMs grid. * Able to add more items by utilizing “Item Lookup” for Price Comparison |

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# Related Documentation

[Attach OSS notes, emails, download of existing report, etc.]