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| **Project Name** |  |
| **Document Title** |  |
| **Object ID** |  |
| **Requirement Owner** |  |
| **Process Team/Sub-Process Team** |  |

**Document History (Required - For Final TS)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sprint No** | **Requirement / Gap ID** | **Business Scenario** | **Change Description** | **Author** | **Date** |
| *Sprint* |  |  | *Brief description of the change* | *Who made the change* | *Date change was made* |
| 1.0 |  |  | Initial document created |  |  |
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**Reviewers (Required - For Final TS)**

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| **Role** | **Name** | **Organization** | **Review Date** |
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**Approvals (Required - For Final TS)**

The individuals listed below will be required to review and approve this document.

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| --- | --- | --- | --- |
| **Role** | **Name** | **Signature** | **Date** |
| *Project role/title of approver* | *Approver’s Name* |  | *Date approved* |
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# **General Attributes**

## Technical Design Diagram

<Provide a high level design diagram of the integration identifying the applications involved, mode of communication and direction of information flow for the integration.>

## Design Description

<Describe the detailed design of the integration. This should outline details of connecting to each of the systems, retrieving / posting information to the application systems, error handling requirements if any.>

## Technical Specification

|  |  |  |  |
| --- | --- | --- | --- |
| Business Scenario | <BusinessScenario> | | |
| Business Scenario Description | <Description> | | |
| Interface Type | Inbound  Outbound  bidirectional | | |
| Execution Frequency | <How often is interface executed, e.g. once per day> | | |
| Average Volume |  | Peak Volume |  |
| Message Size |  | | |
| Execution Mode | Synchronous  Asynchronous | | |
| Additional Information | Daily  Weekly  Monthly  As Required  Other: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | |
| Security Requirements | <Specify any encryption/security requirements that required to be considered> | | |
| Archival Requirements | <Specify the time duration for which the SCPI data needs to be retained before Archiving/Deletion> | | |

## System Documentation

|  |  |  |  |
| --- | --- | --- | --- |
| Type of Integration Scenario | internal | external / Internet | both |
| Source System Description | | | |
| Name | <Name of source system> | | |
| Description | <description of source system> | | |
| Type of system | SAP | Internal System | Third Party System |
|  |  | | |
| Additional Information | <Optional: insert additional comments here> | | |
| Destination System Description | | | |
| Name | <Name of destination system> | | |
| Description | <Description of destination system> | | |
| Type of system | SAP | Internal System | Third Party System |
|  |  | | |
|  | <Optional: insert additional comments here> | | |
|  |  | | |

# Technical Details

## Runtime- General Information

|  |  |
| --- | --- |
| {%tr for key,value in root. runtime.items() %} |  |
| {{key}} | {{value}} |
| {%tr endfor %} |  |

{% if root.configurations.results|length %}

## Configure Parameters

|  |  |  |
| --- | --- | --- |
| Parameter Name | Parameter Value | Parameter Type |
| {%tr for item in root.configurations.results %} |  |  |
| {{ item.ParameterKey }} | {{ item.ParameterValue}} | {{ item.DataType}} |
| {%tr endfor %} |  |  |

{% endif %}

## Integration Flow – General Information

|  |  |
| --- | --- |
| {%tr for key,value in root.header.items() %} |  |
| Integration Flow {{key}} | {{value}} |
| {%tr endfor %} |  |

## Integration Sub-process

{%r for item in root.Process %}

**{{item.Name}}**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| {%tr for key in item.d.callActivity%} | |  | | | |
| {%tr for k, v in key.items() %} | |  | | | |
| {%tr if k != “Content Modifier” %} | |  | | | |
| {{k}} | |  | | | |
| {%tr for k1, v1 in v.items() %} | |  | | | |
| {{k1}} | {{v1}} | | | | |
| {%tr endfor%} |  | | | | |
| {%tr endif %} |  | | | | |
| {%tr endfor%} |  | | | | |
| {%tr endfor %} |  | | | | |
| {%tr for key in item.d.callActivity%} | |  | | | |
| {%tr for k, v in key.items() %} | |  | | | |
| {%tr if k == “Content Modifier” %} | |  | | | |
| {{k}} | |  | | | |
| {%tr for k1, v1 in v.items() %} | |  | | | |
| {%tr if k1 == “Name” or k1 == “Body” %} |  | | | | |
| {%tr if v1|length %} |  | | | | |
| {{k1}} | {{v1}} | | | | |
| {%tr endif %} |  | | | | |
| {%tr else %} |  | | | | |
| {%tr if v1.rows|length %} |  | | | | |
| {{k1}} | | | | | |
| **Action** | **Type** | **Value** | **Default** | **Name** | **Datatype** |
| {%tr for val in v1.rows %} |  |  |  |  |  |
| {{val.Action}} | {{val.Type}} | {{val.Value}} | {{val.Default}} | {{val.Name}} | {{val.Datatype}} |
| {%tr endfor%} |  |  |  |  |  |
| {%tr endif %} |  |  |  |  |  |
| {%tr endif %} |  |  |  |  |  |
| {%tr endfor%} |  |  |  |  |  |
| {%tr endif %} |  |  |  |  |  |
| {%tr endfor%} |  |  |  |  |  |
| {%tr endfor %} |  |  |  |  |  |

|  |  |
| --- | --- |
| {%tr for element in item.d1. exclusiveGateway%} |  |
| Gateway |  |
| {%tr for k, v in element.items() %} |  |
| {%if k == “Path” %} |  |
| {%tr for k1, v1 in v.items() %} |  |
| {{k1}} | {{v1}} |
| {%tr endfor %} |  |
| {% endif %} |  |
| {%tr endfor %} |  |
| {%tr endfor %} |  |

{%r endfor %}

## Basic Logic of Mapping

<Describe logic in text form – including the UDFs involved and their logic and maintain mapping information in Excel file.>



## Dependencies

### Environment / Configuration Dependencies

<List the configuration work that must be considered during the development of this object and that needs to be in place before this requirement can be tested. This section should answer the question “What are the configurations needed for this object?”>

### Development Dependencies

<If there are any dependencies (Like Configuration, Development and other work) to start this development, please mention in this section. If there are no dependencies, this section can be N/A>

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sprint No** | **Requirement / Gap ID** | **Business Scenario** | **Object Type** | **Details** |
| # | OTC\_XX\_NN | OM | Report | This workflow will be triggered from Report ZXX\_XXX |
|  |  |  |  |  |

### Run/Execution Dependencies

*<*Once in production, this development object may need to be executed before or after another system event. List any system events that this development object should follow or precede.>

# Configuration Details

*<Document all Sender and Receiver details in the below section.>*

## Communication Details

|  |  |
| --- | --- |
| **{%tr for item in root.collaboration.Adapter%}** | |
| **Adapter {{item.Type}}** | |
| Name | {{item.Name}} |
| {%tr for key, value in item.d.items()%} |
| {{key}} | {{value}} |
| {%tr endfor%} |  |
| {%tr endfor%} |  |

# Error Handling

<Provide a list of all the conditions on which the report would fail to execute. For each of these cases, mention the error handling mechanism (messages, application log, alert rules etc.) >

|  |
| --- |
| Error Handling |
|  |

|  |
| --- |
| Exception Sub-Process |
|  |

# Technical Unit Test Cases

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Step**  **No** | **Scenario Title** | **Steps Performed** | **Expected Results** | **Actual Results** | **Run** |
| *#* | *Short name for the test* | *Enter the Steps required to perform the test* | *List the results required after running the test* | *Enter the actual results during final unit testing.* | *Initials* |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

# Appendix / Object Templates

N/A