PI Technical Specification

[Scenarios (Scenario ID)]

Description: [Scenarios(Description)]

[SID]

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# System Landscape Directory

## Software Components

|  |  |
| --- | --- |
| **Business System**  | **[Business System(Name)]** |

|  |  |
| --- | --- |
| **Product & Version**  | [Business System(Product Name)] [Business System(Product Version)]  |
|  **Vendor** | [Business System(Product Vendor)]  |

|  |  |
| --- | --- |
|  **SWCV & Version**  | [Business System(SWCV Name)] [Business System(SWCV Version)]  |
|  **Related SWCV** | [Business System(Related SWCV Name)] [Business System(Related SWCV Version)] |
|  **Dependent SWCV** | [Business System(Dependent SWCV Name)] [Business System(Dependent SWCV Version)] |

# Enterprise Services Repository (ESR)

## Process Integration Scenario

|  |  |
| --- | --- |
| **Process Integration Scenario** | **[Scenarios(Process Integration Scenario)]**  |
| **Namespace** | [Scenarios(Namespace)] |
| **SWCV** | [Scenarios(SWCV)] |
| **Description** |  |
|  | SCREENSHOT OF INTEGRATION SCENARIO |

## Integration Processes

### *[Integration Processes (Name)]*

|  |  |
| --- | --- |
| **Integration Process Name** | **[Integration Processes (Name)]** |
| **Namespace** | [IntegrationProcesses(Namespace)] |
| **SWCV** | [IntegrationProcesses(SWCV)] |
| **Description** | [IntegrationProcesses(Description)] |

## Operation Mapping

### *[Operation Mapping (Name)]*

|  |  |
| --- | --- |
| **Operation Mapping** | [Operation Mapping (Name)] |
| **Namespace / SWCV** | [Operation Mapping(Namespace)][Operation Mapping(SWCV)] |
| **Description** | [Operation Mapping(Description)] |

|  |  |
| --- | --- |
| **Source Operation** | [Source Operation(Name)] |
|  **Namespace**  **SWCV** | [Source Operation(Namespace)][Source Operation(SWCV)] |

|  |  |
| --- | --- |
| **Target Operation** | [Target Operation(Name)] |
|  **Namespace** **SWCV** | [Target Operation(Namespace)][Target Operation(SWCV)] |

|  |  |
| --- | --- |
| **Source Message** | [Source Message(Name)] |
|  **Namespace** **SWCV** | [Source Message(Namespace)][Source Message(SWCV)] |

|  |  |
| --- | --- |
| **Mapping Program** | [Mapping Program (Name)] |
|  **Namespace** **SWCV** | [Mapping Program (Namespace)][Mapping Program (SWCV)] |
| **Mapping Type** | [Mapping Program (Type)] |

|  |  |
| --- | --- |
| **Target Message** | [Target Message(Name)] |
|  **Namespace** **SWCV** | [Target Message(Namespace)][Target Message(SWCV)] |

|  |  |
| --- | --- |
| **Use SAP XML Toolkit** | [SAP XML Toolkit ] |
| **Do not resolve XOP include** |  |
| **Read Attachments** |  |

## Service Interfaces

### Sender Interfaces

|  |  |
| --- | --- |
| **Service Interface** | [ESR.ServiceInterfaces.ServiceInterface (Name)] |
| **Namespace** | [ServiceInterface(Namespace)] |
| **SWCV** | [ServiceInterface(SWCV)] |
| **Description** | [ServiceInterface(Description)] |
| **Category** | [ServiceInterface(Category)] |
| **Interface Pattern** | Service Interface(Interface Pattern)] |

|  |  |
| --- | --- |
| **Operation** | [ServiceInterface (Operation Name) ] |
| **Operation Pattern** | [ServiceInterface(Operation Pattern)] | Mode | [ServiceInterface(Operation Mode)] |
| **[Message Type (Role)]****Message Type****Namespace** | [ESR.MessageTypes.MessageType (Name)][Message Type (MessageType)][Message Type (Namespace)] |

### Receiver Interfaces

|  |  |
| --- | --- |
| **Service Interface** | [ESR.ServiceInterfaces.ServiceInterface (Name)] |
| **Namespace** | [ServiceInterface(Namespace)] |
| **SWCV** | [ServiceInterface(SWCV)] |
| **Description** | [ServiceInterface(Description)] |
| **Category** | [ServiceInterface(Category)] |
| **Interface Pattern** | ServiceInterfaces(Interface Pattern)] |

|  |  |
| --- | --- |
| **Operation** |   |
| **Operation Pattern** | [ServiceInterface(Operation Pattern)] | Mode | [ServiceInterface(Operation Mode)] |
| **[Message Type (Role)]** **Message Type****Namespace** | [ESR.MessageTypes.MessageType (Name)][Message Type (MessageType)][Message Type (Namespace)] |

### Message Types

|  |  |
| --- | --- |
| **Message Type** | [ESR.MessageTypes.MessageType (Name)] |
| **Namespace** | [ESR.MessageTypes.MessageType (Namespace)] |
| **SWCV** | [ESR.MessageTypes.MessageType (SWCV)] |
| **Description** | [ESR.MessageTypes.MessageType (Description)] |
| **Data Type** | [ESR.MessageTypes.MessageType (DataType)] |
| **Data Type Namespace** | [ESR.MessageTypes.MessageType (DataType Namespace)] |
| **XML Namespace** | [ESR.MessageTypes.MessageType (XMLNamespace)] |

### Data Types

|  |  |
| --- | --- |
| **Data Type Name** | [ESR.MessageTypes.DataType (Name)] |
| **Namespace** | [ESR.MessageTypes.DataType (Namespace)] |
| **SWCV** | [ESR.MessageTypes.DataType (SWCV)] |
| **Description** | [ESR.MessageTypes.DataType (Description)] |

## IDocs

|  |  |
| --- | --- |
| **IDOC Name** | [ESR.Idocs.Idoc (Name)] |
| **Namespace** | [ESR.Idocs.Idoc (Namespace)] |
| **SWCV** | [ESR.Idocs.Idoc (SWCV)] |

## RFCs

|  |  |
| --- | --- |
| **RFC Name** | [ESR.RFCs.RFC (Name)] |
| **Namespace** | [ESR.RFCs.RFC (Namespace)] |
| **SWCV** | [ESR.RFCs.RFC (SWCV)] |

# Integration Directory

## *Config Scenario:* *[Scenarios (Scenario ID)]*

|  |  |
| --- | --- |
| **Configuration Scenario** | [Scenarios (Scenario ID)] |
| **Description** | [Scenarios(Description)] |
| **Folder** | [Scenarios(Folder)] |
| **Process Integration Scenario** | [Scenarios(Process Integration Scenario)]  |
| **Namespace** | [Scenarios(Namespace)] |
| **SWCV** | [Scenarios(SWCV)] |
| **Party** | [Scenarios(Party)] |
| **Business System** | [Scenarios(Business System)] |
| **Business Component** | [Scenarios(Business Component)] |
| **Integration Process** | [Scenarios(Integration Process)] |
| **Communication Channel** | [Sender Agreements(Communication Channel)] |
| **Receiver Determination** | [Scenarios(Receiver Determination)] |
| **Receiver Rule** | [Scenarios(Receiver Rule)] |
| **Interface Determination** | [Scenarios(Interface Determination)] |
| **Sender Agreement** | [Scenarios(Sender Agreement)] |
| **Receiver Agreement** | [Scenarios(Receiver Agreement)] |
| **Direct Connection** | [Scenarios(Direct Connection)] |
| **Integrated Configuration** | [Scenarios(Integrated Configuration)] |

### Communication Channels

#### [Scenarios(Communication Channel)]

|  |  |
| --- | --- |
| **Communication Channel** | [Scenarios(Communication Channel)] |
| **Party** | [Scenarios(Communication Channel 1)]  |
| **Communication Component** | [Scenarios(Communication Channel 2)]  |
| **Communication Channel** | [Scenarios(Communication Channel 3)]  |
| **Master Language** | [Communication Channels(Master Language)] |
| **Description** | [Communication Channels(Description)] |
| **Direction** | [Communication Channels(Direction)] |
| **Transport Protocol & vers** | [Communication Channels(Transport Protocol)] [Communication Channels(Transport Protocol Version)] |
| **Message Protocol & vers** | [Communication Channels(Message Protocol)]  [Communication Channels(Message Protocol Version)] |
| **Adapter Engine** | [Communication Channels(Adapter Engine)] |

|  |  |  |
| --- | --- | --- |
| **Module Name** | **Module Type** | **Module Key** |
| [Communication Channels(Module Name)] | [Communication Channels(Module Type)] | [Communication Channels(Module Key)] |
| **Module Parameter Name** | **Module Parameter Value** |
| [Communication Channels(Module Parameter)] | [Communication Channels(Module Parameter Value)] |

|  |
| --- |
| **Adapter Metadata** |
| **Adapter Key** | **Adapter Value** |
| [Communication Channels(Adapter Metadata.Adapter Key)] | [Communication Channels(Adapter Metadata.Adapter Value)] |

### Integrated Configurations

#### [IntegratedConfiguration(Name)]

|  |  |
| --- | --- |
| **Integrated Configuration** | [IntegratedConfiguration(Name)] |
| **Sender Party** | [IntegratedConfiguration(Sender Party)] |
| **Sender Component** | [IntegratedConfiguration(Sender Component)] |
| **Sender Interface Name** | [IntegratedConfiguration(Interface Name)] |
| **Sender Int. Namespace** | [IntegratedConfiguration(Interface Namespace)] |
| **Receiver Party** | [IntegratedConfiguration(Receiver Party)] |
| **Receiver Component** | [IntegratedConfiguration(Receiver Component)] |
| **Description** | [IntegratedConfiguration(Description)] |
| **INBOUND PROCESSING** |  |
| **Communication Channel** | [InboundProcessing(Communication Channel Channel)] |
| **Adapter Type** | [InboundProcessing(Adapter Type)] |
| **Adapter Engine** | [InboundProcessing(Adapter Engine)] |
| **SWCV of SND Interface** |  |
| **Schema Validation** | [InboundProcessing(Schema Validator)] |
| **RECEIVERS** |  |

|  |  |
| --- | --- |
| **Receiver Party** | [Receivers(Party)] |
| **Receiver Component** | [Receivers(Component)] |

|  |  |
| --- | --- |
| **Operation** |  |
| **Condition** | [Receivers(Condition)] |

|  |  |
| --- | --- |
| **No Receiver Found** | [Receivers(No Receiver Behaviour)] |
| **No Receiver Party** | [Receivers(No Receiver Party)] |
| **No Receiver Component** | [Receivers(No Receiver Component)] |
| **RECEIVER INTERFACES** |  |

|  |  |
| --- | --- |
| **Receiver Party** | [ReceiverInterface(Receiver Party)] |
| **Receiver Component** | [ReceiverInterface(Receiver Component)] |

|  |  |
| --- | --- |
| **Operation** | [ReceiverInterface(Operation)] |
| **Condition** | [ReceiverInterface(Condition)] |
| **Operation Mapping** | [ReceiverInterface(Mapping Name)] |
| **Mapping Namespace** | [ReceiverInterface(Mapping Namespace)] |

|  |  |
| --- | --- |
| **Rec. Interface Name** | [ReceiverInterface(Name)] |
| **Rec. Interface Namespace** | [ReceiverInterface(Namespace)] |

|  |  |
| --- | --- |
| **OUTBOUND PROCESSING** |  |

|  |  |
| --- | --- |
| **Communication Channel** | [OutboundProcessing(Communication Channel)] |
| **Adapter Type** | [OutboundProcessing(Adapter Type)] |
| **Adapter Engine** | [OutboundProcessing(Adapter Engine)] |
| **SWCV of RCV Interface** | [OutboundProcessing(Receiver SWCV)] |
| **Schema Validation** | [OutboundProcessing(Schema Validator)] |
| **Header Mapping** |  |
| **SND Comm Party** | [HeaderMapping(Sender Party)] |
| **SND Comm Comp** | [HeaderMapping(Sender Componenent)] |
| **RCV Comm Party** | [HeaderMapping(Receiver Party)] |
| **RCV Comm Comp** | [HeaderMapping(Receiver Componenent)] |

|  |  |
| --- | --- |
| **ASSIGNED USERS** |  |
| **User Name** |  |

### Receiver Determinations

####   [Scenarios(Receiver Determination)]

|  |  |
| --- | --- |
| **Receiver Determination** |  [Scenarios(Receiver Determination)]  |
| **Sender Party** | [Receiver Determinations (Sender Party)]  |
| **Sender Component** | [Receiver Determinations (Sender Component)] |
| **Sender Interface Name** | [Receiver Determinations (Sender Interface Name)] |
| **Sender Int. Namespace** | [Receiver Determinations (Sender Interface Namespace)] |
| **Receiver Party** | [Receiver Determinations (Receiver Party)] |
| **Receiver Component** | [Receiver Determinations (Receiver Component)] |
| **Description** | [Receiver Determinations(Description)] |
| **SWCV of Sender Interface**  | [Receiver Determinations (SWCV)] |
| **No Receiver Found** | [Receiver Determinations(Behaviour No Receiver Found)] |
| **No Receiver Party** | [Receiver Agreements(Adapter Specific Attributes)] |
| **No Receiver Component** | [Receiver Agreement(No Receiver Component)] |
| **Conditions** |
| **Type** | **Condition** |  **Party**/**Component** |
| [Type] | [Condition] |  [Party/Component] |
| **Extended** |

|  |  |
| --- | --- |
| **Operation Mapping** | [Receiver Determinations(Extended – Operation Mapping)] |
| **Namespace** | [Receiver Determinations(Extended – Namespace)] |
| **SWCV** | [Receiver Determinations(Extended – SWCV)] |
|  |  |

### Interface Determinations

#### [Scenarios(Interface Determination)]

|  |  |
| --- | --- |
| **Interface Determination** | [Scenarios(Interface Determination)] |
| **Sender Party** | [Interface Determinations(Sender Party)]  |
| **Sender Component** | [Scenarios(Interface Determination Component)] |
| **Sender Interface Name** | [Interface Determinations(Sender Interface Name)] |
| **Sender Int. Namespace** | [Interface Determinations(Sender Interface Namespace)] |
| **Receiver Party** | [Interface Determinations(Receiver Party)] |
| **Receiver Component** | [Interface Determinations(Receiver Component)] |
| **Description**  | [Interface Determination (Description)] |
| **SWCV of Sender Interface** | [Interface Determinations (SWCV)] |

|  |  |
| --- | --- |
| **Condition**  | [Interface Determinations(Condition)] |
| **Operation Mapping** | [Interface Determinations(Operation Mapping)] |
| **Mapping Namespace** | [Interface Determinations(Mapping Namespace)] |
| **Rec. Interface Name** | [Interface Determinations(Receiver Interface Name)] |
| **Rec. Interface Namespace** | [Interface Determinations(Receiver Interface Namespace)] |

|  |  |
| --- | --- |
| **Quality of Service** | [Interface Determinations(Quality of Service)] |

### Sender Agreement

####   [Scenarios(Sender Agreement)]

|  |  |
| --- | --- |
| **Sender Agreement** | [Scenarios(Sender Agreement)] |
| **Sender Party** | [Sender Agreements(Sender Party)] |
| **Sender Component** | [Sender Agreements(Sender Component)] |
| **Sender Interface Name** | [Sender Agreements(Sender Interface Name)] |
| **Sender Int. Namespace** | [Sender Agreements(Sender Interface Namespace)] |
| **Receiver Party** | [Sender Agreements(Receiver Party)] |
| **Receiver Component** | [Sender Agreements(Receiver Component)] |
| **Description** | [Sender Agreements(Description)] |
| **Sender Comm. Channel** | [Sender Agreements(Communication Channel)] |
| **Adapter Specific Attributes** |
| **Adapter Key** | **Adapter Value** |
| [Communication Channels(Adapter Metadata.Adapter Key)] | [Communication Channels(Adapter Metadata.Adapter Value)] |
| **SWCV of Sender Interface** | [Sender Agreements(SWCV Sender Interface)] |
| **Schema Validation Values** | [Sender Agreements(Schema Validation Values)] |

### Receiver Agreement

####  [Scenarios(Receiver Agreement)]

|  |  |
| --- | --- |
| **Receiver Agreement** | [Scenarios(Receiver Agreement)] |
| **Sender Party** | [Receiver Agreements(Sender Party)] |
| **Sender Component** | [Receiver Agreements(Sender Component)] |
| **Receiver Party** | [Receiver Agreements(Receiver Party)] |
| **Receiver Component** | [Receiver Agreements(Receiver Component)] |
| **Receiver Interface Name** | [Receiver Agreements(Receiver Interface Name)] |
| **Receiver Int. Namespace** | [Receiver Agreements(Receiver Interface Namespace)] |
| **Description** | [Receiver Agreements(Description)] |
| **Receiver Comm. Channel** | [Receiver Agreements(Communication Channel)] |
| **Adapter Specific Attributes** |
| **Adapter Key** | **Adapter Value** |
| [Communication Channels(Adapter Metadata.Adapter Key)] | [Communication Channels(Adapter Metadata.Adapter Value)] |

|  |
| --- |
| **Header Mapping** |
| **Sender Party** | [Receiver Agreements(Header Sender Party)] |
| **Sender Component** | [Receiver Agreements(Header Sender Component)] |
| **Receiver Party** | [Receiver Agreements(Header Receiver Component)] |
| **Receiver Component** | [Receiver Agreements(Header Receiver Component)] |

# Message Mapping Specification