

Applies to:

SAP XI 3.0 and above, Seeburger AS2 Adapter and Seeburger Workbench tool.

For more information, visit the [Data Management and Integration homepage](#).

Summary

This Technical Article is aimed to explain how to configure the EDI to IDoc scenario in XI/PI (eXchange Infrastructure/Process Integration) using seeburger adapter.

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Author Bio



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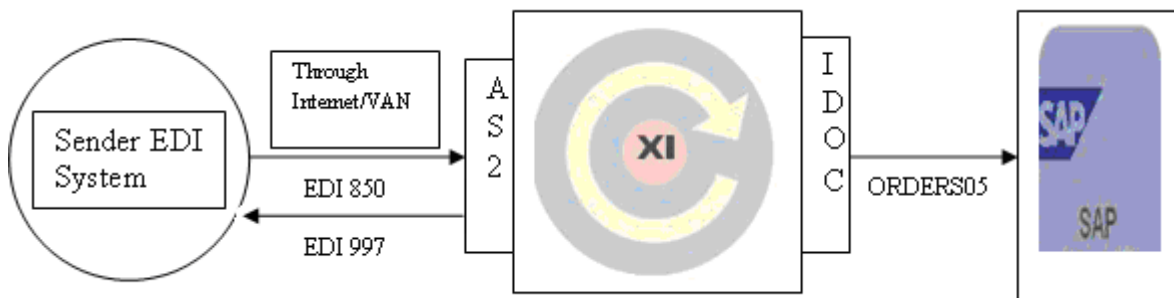
Introduction

Consider a scenario where an EDI system sends a purchase order (850) to R/3 through XI/PI which has the Seeburger AS2 communication channel configuration at the sender side and at the receiver side IDoc communication channel configuration, in the R/3 side it creates the Sales Order,.

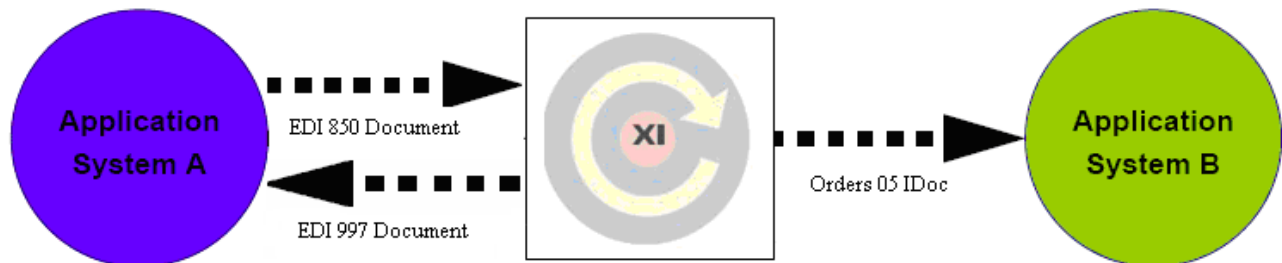
Description:

- 850 will be sent by The Customer.
- The 850 EDI file (ANSI X12) will be sent either Internet or via VAN (Value Added Networks).
- The Seeburger AS2 adapter will receive the 850 EDI file and it will be split into Order (XML file) and Functional Acknowledgment.
- The Functional Acknowledgment is mapped and converted as 997 data, which is sent back to customer.
- The Order file is picked by a virtual adapter (Split 997) and mapping of the data to IDOC structure will be done and the IDOC will be sent to ECC via IDOC receiver adapter.

Business Scenario



Simply the scenario is



Assumptions

It is assumed that the Seeburger AS2 Adapter is available for the XI/PI system to make use of.

It is also assumed that all the EDI to XML and XML to EDI conversion mappings are already generated using the Seeburger Mapping Designer tool and deployed in the SAP XI/PI Server.

In the Integration Directory, the inbound Seeburger AS2 adapter and the Split 997 adapters are properly configured.

Pre requisites

Basic knowledge of XI, IDocs, XML, knowledge on EDI and Seeburger AS2 Adapter etc.

Seeburger AS2 Inbound 850 Configuration

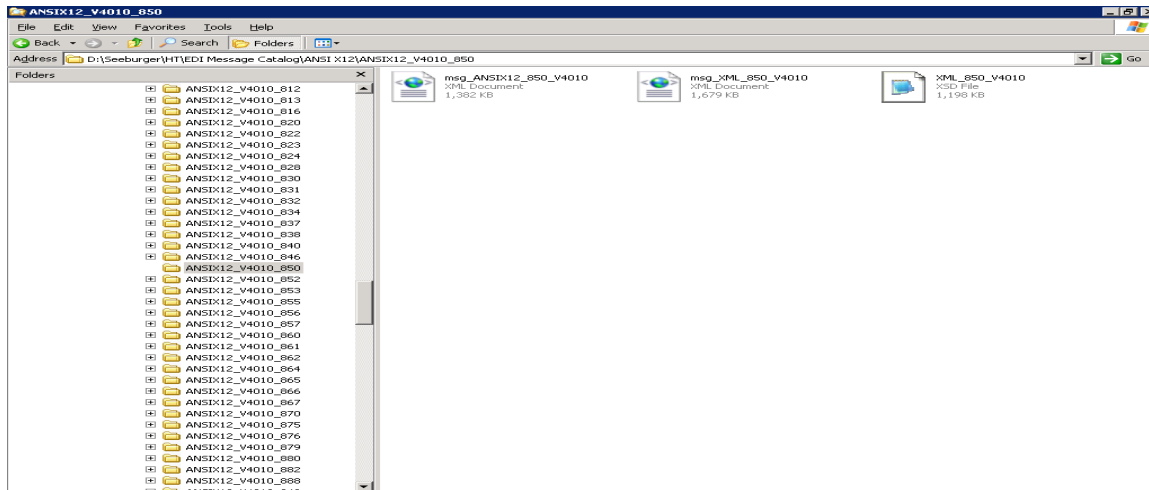
Integration Repository Steps

- Import the software component that is created in the SLD
- Create the namespace in the Integration Repository.
- For Sender, import the EDI XSD files to External definitions.
- For Receiver, Import the IDOC ORDERS05 from the R/3 system.

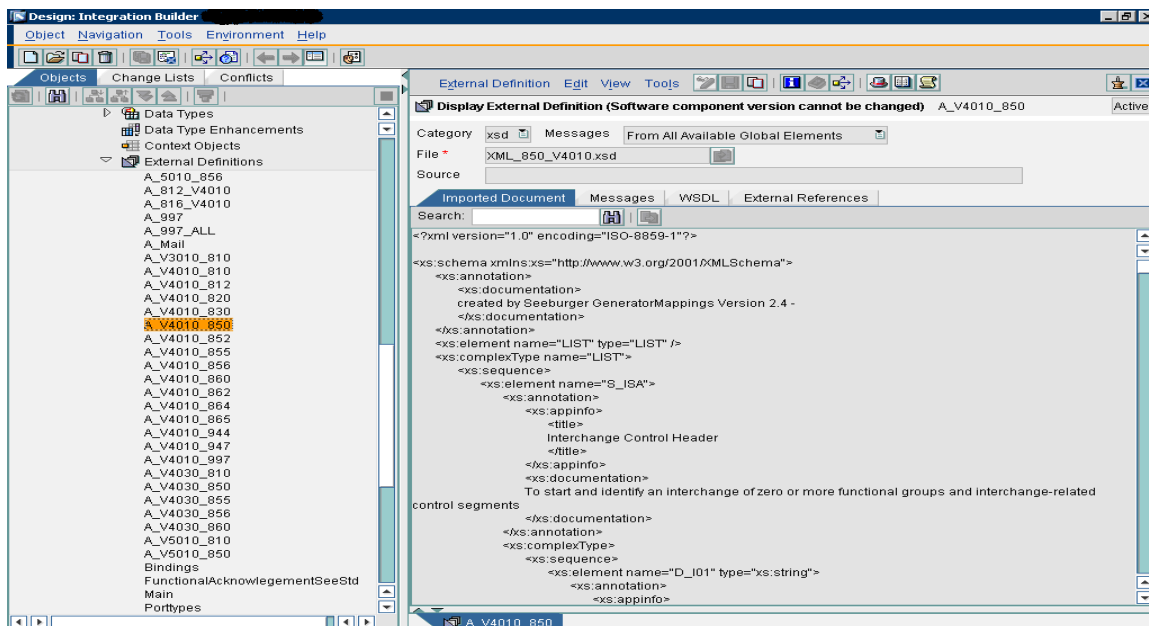
Sender Structure

Here the sender is EDI structure, EDI XSD structures are available in seeburger, based on the EDI version we will import the corresponding XSD structure.

Now we have to import the 850 and 997 EDI structure to External Definitions in XI.



After we import these files to External Definitions the XSD format of 850 EDI file is



997 Sender Structure WSDL File

Category: **xsd** Messages From All Available Global Elements

File * **FunctionalAcknowledgementSeeStd**

Source

Imported Document Messages **WSDL** External References

Search:

```
<?xml version="1.0" encoding="ISO-8859-1"?>

<wsdl:definitions xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/" targetNamespace="">
  <wsdl:types>
    <xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema">
      <xsd:element name="Functional_Acknowledgment" type="Functional_Acknowledgment" />
      <xsd:complexType name="Functional_Acknowledgment">
        <xsd:sequence>
          <xsd:element name="Creation_Date" type="xsd:string" />
          <xsd:element name="Format" type="xsd:string" />
          <xsd:element name="Message_Type" type="xsd:string" />
          <xsd:element name="Interchange_Control_Header">
            <xsd:complexType>
              <xsd:sequence>
                <xsd:element name="Authorization_Information_Qualifier" type="xsd:string" minOccurs="0" />
                <xsd:element name="Authorization_Information" type="xsd:string" minOccurs="0" />
                <xsd:element name="Security_Information_Qualifier" type="xsd:string" minOccurs="0" />
                <xsd:element name="Security_Information" type="xsd:string" minOccurs="0" />
                <xsd:element name="Interchange_ID_Qualifier_Sender" type="xsd:string" />
                <xsd:element name="Interchange_ID_Sender" type="xsd:string" />
                <xsd:element name="Interchange_Sender_internal_ID" type="xsd:string" minOccurs="0" />
                <xsd:element name="Interchange_Sender_internal_sub_ID" type="xsd:string" minOccurs="0" />
                <xsd:element name="Interchange_ID_Qualifier_Receiver" type="xsd:string" />
                <xsd:element name="Interchange_ID_Receiver" type="xsd:string" />
                <xsd:element name="Interchange_Receiver_internal_ID" type="xsd:string" minOccurs="0" />
                <xsd:element name="Interchange_Receiver_internal_sub_ID" type="xsd:string" minOccurs="0" />
                <xsd:element name="Interchange_Date" type="xsd:string" />
              </xsd:sequence>
            </xsd:complexType>
          </xsd:element>
        </xsd:sequence>
      </xsd:complexType>
    </xsd:schema>
  </wsdl:types>
</wsdl:definitions>
```

Receiver Structures

Here the receiver is ORDERS05 Idoc, the structure is as follows.

Structure	Category	Type	Co
ORDERS05	Element		
IDOC	Element	ORDERS.ORD...	
BEGIN	Attribute	xsd:string	
EDI_DC40	Element	EDI_DC40.OR...	
E1EDK01	Element	ORDERS05.E...	
E1EDK14	Element	ORDERS05.E...	
E1EDK03	Element	ORDERS05.E...	
E1EDK04	Element	ORDERS05.E...	
E1EDK05	Element	ORDERS05.E...	
E1EDKA1	Element	ORDERS05.E...	
E1EDK02	Element	ORDERS05.E...	
E1EDK17	Element	ORDERS05.E...	
E1EDK18	Element	ORDERS05.E...	
E1EDK35	Element	ORDERS05.E...	
E1EDK36	Element	ORDERS05.E...	
E1EDKT1	Element	ORDERS05.E...	
E1EDP01	Element	ORDERS05.E...	
E1CUCFG	Element	ORDERS05.E...	
E1EDL37	Element	ORDERS05.E...	
E1EDS01	Element	ORDERS05.E...	

997 EDI File

```

Imported Document  Messages  WSDL  External References
Search: [ ] [ ] [ ]
<?xml version="1.0" encoding="ISO-8859-1"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:annotation>
    <xs:documentation>
      created by Seeburger GeneratorMappings Version 2.4 -
    </xs:documentation>
  </xs:annotation>
  <xs:element name="LIST" type="LIST" />
  <xs:complexType name="LIST">
    <xs:sequence>
      <xs:element name="S_ISA">
        <xs:annotation>
          <xs:appinfo>
            <title>
              Interchange Control Header
            </title>
          </xs:appinfo>
          <xs:documentation>
            To start and identify an interchange of zero or more functional groups and interchange-related control segments
          </xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:schema>

```

Message Type

EDI works as a Message type and IDoc works as a message interface so no need to create the message types for source and target.

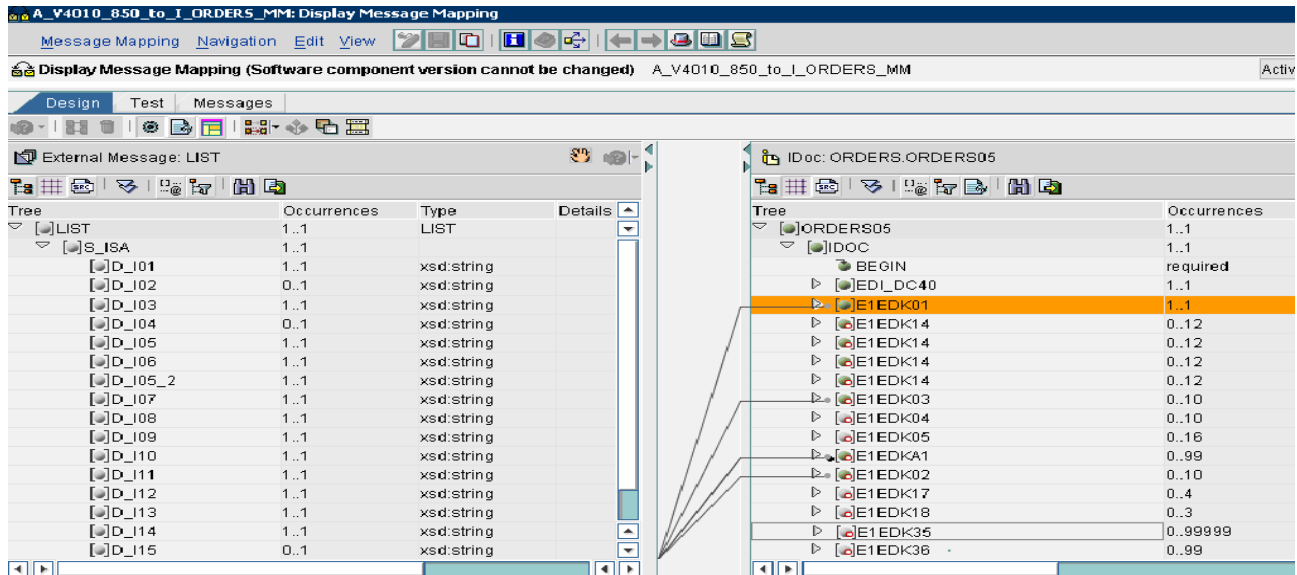
Message Interface

For IDoc No need to create the message interface, for External definition we have to create the message interface.

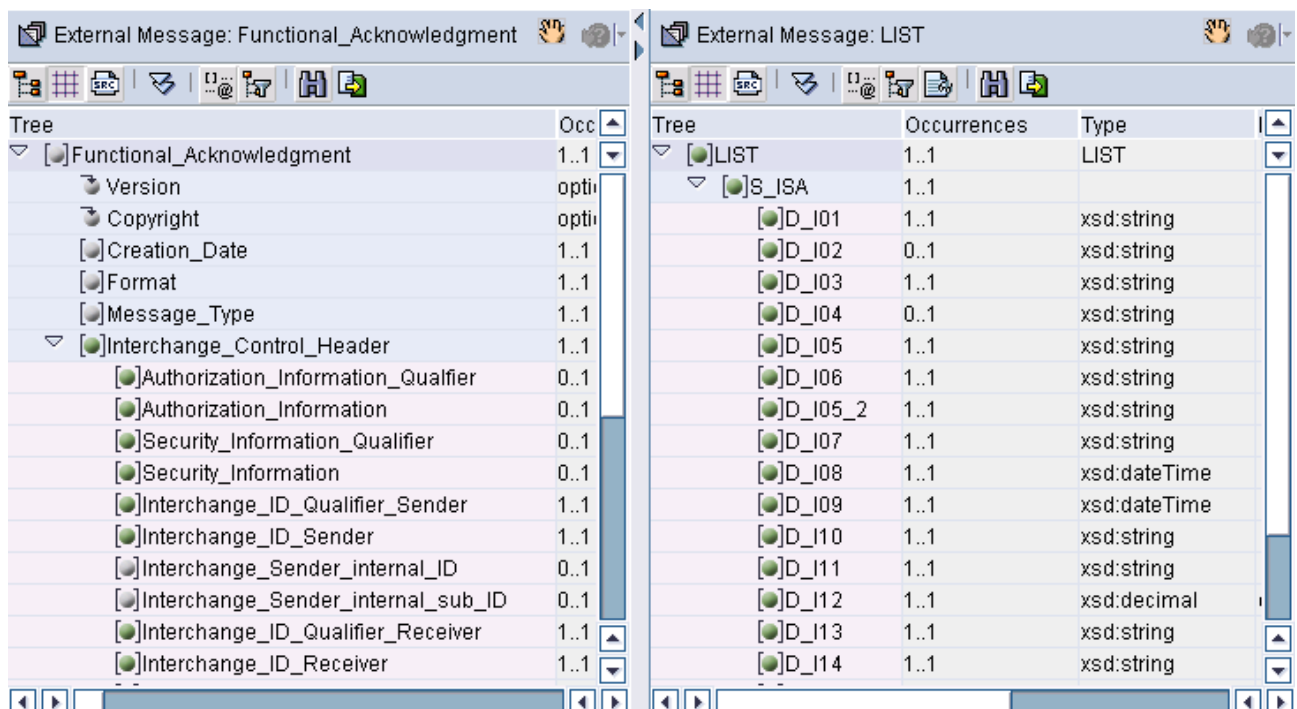
Create the message interface for EDI sender category as Inbound and Mode as Asynchronous.

Message Mapping

Perform the message mapping for 850 according to our requirement.

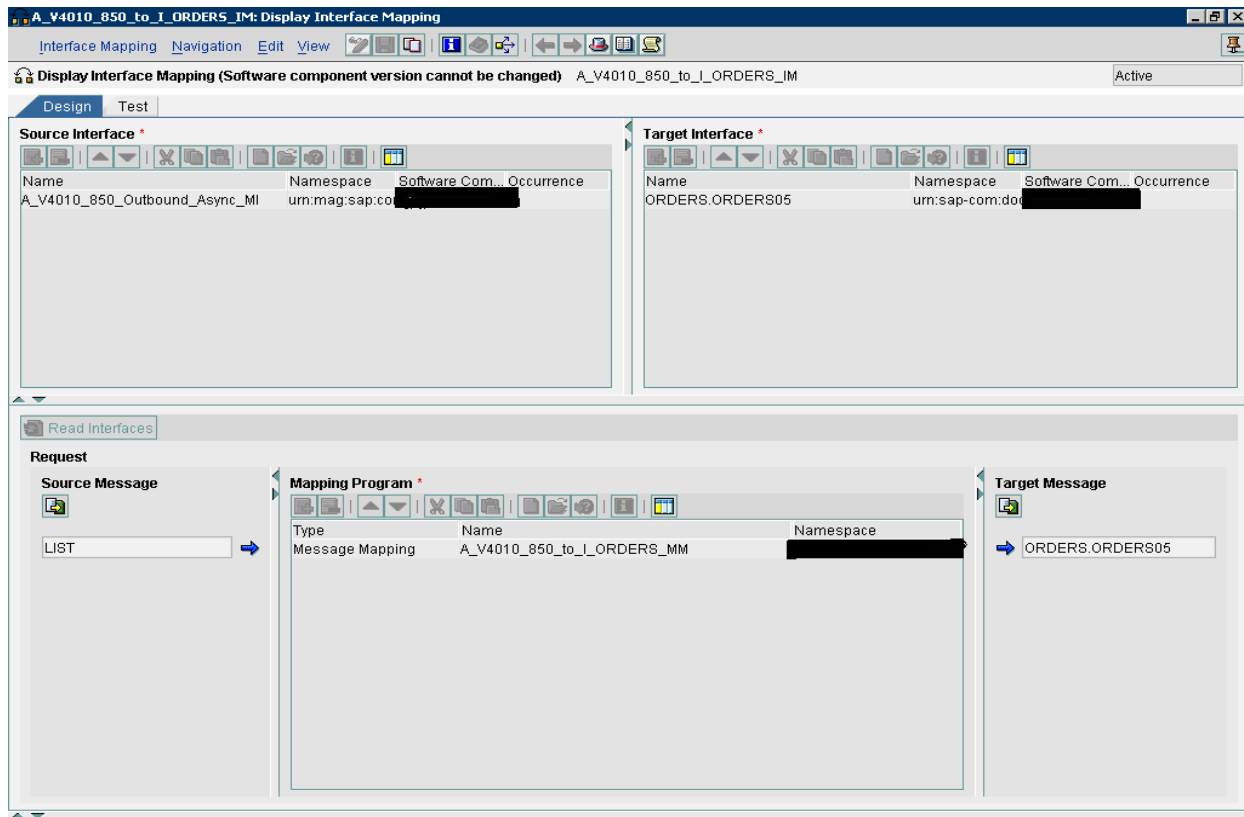


Perform the Message Mapping for 997 Document.

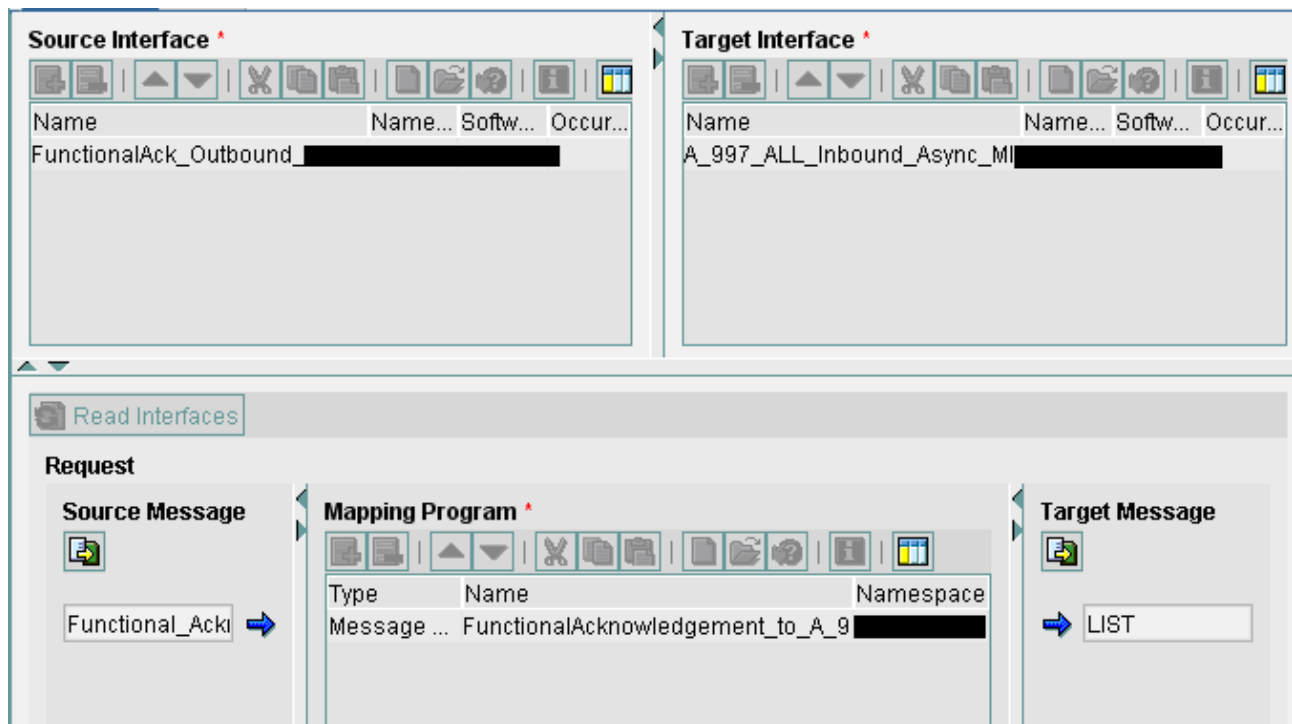


Interface Mapping

Create the interface mapping by selecting the Source and Target Interfaces. After giving the source and target interfaces click on read interfaces button and select the corresponding message mapping.



For 997



Activate all the IR objects then Integration Repository part is completed.

Integration Directory

Create the Configuration scenario.



Add the Business system that we have already created in the SLD, if it is business service then we have to create the business service here.

We have to create the sender and receiver communication channels for the corresponding sender and receiver business services/systems.

Sender Communication Channel

Communication Channel Edit View

Display Communication Channel Status Active

Communication Channel AS2_SENDERS_ORDERS

Party [REDACTED]

Service [REDACTED]

Description ALL_AS2_SND

Parameters Identifiers Module

Adapter Type * AS2 http://seeburger.com/xi SEEBURGER_EDIA

Sender Receiver

Transport Protocol * HTTP

Message Protocol * AS2

Adapter Engine * Integration Server

AS2

Authentication required

Message Subject *

Asynchronous MDN settings

SSL Certificate Alias

Client Certificate

SSL Hostname Check

HTTP Timeout * 120

MDN Retry Interval (minutes) 2

MDN Retry Count 5

Use Proxy

Use Authentication

XI Message

Payload Mode * MainDocument

Adapter State * Active

Adapter Type: AS2

Transport Protocol: HTTP

Internally the AS2 adapter uses the HTTP protocol that why the Transport Protocol is HTTP.

Message Protocol: AS2

Adapter Engine: Integration Server.

Note: In the Adapter engine either we can choose the Integration Server or Non central adapter engine if we have.

Message Subject: Which messages you want to process, here we mentioned *, means it process all the messages.

Module Tab

Communication channel in module tab, we have to configure this modules.

Parameters Identifiers **Module**

Processing Sequence

Number	Module Name	Module Type	Module Key
1	localejbs/SeeClassifier	Local Enterprise Bean	Classifier
2	localejbs/CallBicXIRaBean	Local Enterprise Bean	bic
3	localejbs/Seeburger/MessageS...	Local Enterprise Bean	split
4	localejbs/CallSapAdapter	Local Enterprise Bean	exit

Module Configuration

Module Key	Parameter Name	Parameter Value
Classifier	attID	additionalInfo
Classifier	classifierMappingID	NV
Classifier	destSourceMsg	MainDocument
Classifier	showInAuditLog	true
bic	classifierAttID	additionalInfo
bic	classifierMappingID	additionalInfo
bic	destSourceMsg	MainDocument
bic	destTargetMsg	MainDocument
bic	mappingName	ΔITD

Module tab contains

Classifier: It is for Classifying the EDI version, is it ANSI X12 or EDI FACT or Tradacom or...

BIC (Business Integration Converter): It is for doing the E2X (EDI to XML) and X2E (XML to EDI) conversion.

Split: This is for splitting the 997 from the 850.

When we develop the X2E and E2X mappings by using Seeburger Mapping Designer we have to give any mapping name except starts with "Seeburger", assume here we give the name that starts with 'NV' and that same value should be configure in this module tab, Module configuration Parameter value is NV for the corresponding Parameter name (classifierMappingID).

For selecting the corresponding mapping (850 or 810 or 997...) at runtime the parameter value is AUTO for the corresponding Parameter Name "mappingName ", then it goes to the Seeburger workbench and selects the corresponding mapping based on the sender EDI ID.

Receiver Communication Channel

Display Communication Channel		Status
Communication Channel	ORDERS_IDOC_RCV	Active
Party	[REDACTED]	
Service	BS_ECP	
Description	ORDERS_IDOC_RCV	

Parameters	Identifiers	Module
Adapter Type *	IDoc	http://sap.com/xi/XI/System SAP BASIS 7.00
<input type="radio"/> Sender <input checked="" type="radio"/> Receiver		
Transport Protocol *	IDoc	
Message Protocol *	IDoc	
Adapter Engine *	Integration Server	
RFC Destination *	ECPL0G900	
Segment Version		
Interface Version *	SAP Release 4.0 or Higher	
Port *	SAPECP	
SAP Release *	500	
<input type="checkbox"/> Queue Processing		
<input type="checkbox"/> Apply Control Record Values from Payload		
<input checked="" type="checkbox"/> Take Sender from Payload		
<input type="checkbox"/> Take Receiver from Payload		
<input type="checkbox"/> Restore Original Parties for Acknowledgments		

Adapter Type: IDoc

Transport Protocol: Idoc

Message Protocol: Idoc

Adapter Engine: Integration Server.

Note: In the Adapter engine either we can choose the Integration Server or Non central adapter engine if we have.

RFC Destination: Give the RFC destination value of the R/3 System.

Interface Version: Version of the ECC or R/3.

Port: R/3 Port

SAP Release: Release version of the R/3.

Sender Agreement

When we buy the AS2 adapter at that time Seeburger guys gives some authentication certificate details, here we have to mention those details.

Receiver Determination

Display Receiver Determination [Redacted] | A_V4010_... Active

Type of Receiver Determination
 Standard Extended

Configured Receivers

Condition	Party	Service
(/LIST/S_ISAVD_I05 = 12 AND /LIST/S_...	[Redacted]	BS_ECP

If No Receiver Is Found, Proceed as Follows:
 Terminate Message Processing with Error (Restart Possible)
 End Message Processing Without Error (Restart not Possible)
 Continue Message Processing with the Following Receiver: Party Service

Configuration Overview for Receiver Determination

Receiver (Partner Service)	Interface Mapping	Receiver Agreement (Communication Chann
[Redacted] BS_ECP		
ORDERS.ORDERS05	A_V4010_850_to_I_ORDERS_IM	ORDERS_IDOC_RCV

Interface Determination

Display Interface Determination
Status

Sender

Party

Service

Interface

Namespace

Receiver

Party

Service

Description

Type of Interface Determination

Standard Enhanced

Quality of Service

Maintain Order At Runtime

Configured Inbound Interfaces

|

Inbound Interface		Interface Mapping	
Name	Namespace	Name	Namespace
1	ORDERS.ORDER505	urn:sap-com:document:sap:hand? A_V4010_850_to_I_ORDERS_I	urn:pi:mag:bestk

Receiver Agreement

Display Receiver Agreement

Sender

Party

Service

Receiver

Party

Service

Interface

Namespace

Description

Receiver Communication Channel *

Header Mapping

Sender Party

Sender Service

Receiver Party

Receiver Service

Virtual 997 Adapter

After the EDI file is split to 850 and Functional Acknowledgement, the 997 virtual adapter takes the 850 document and gives to the Receiver adapter, in this case it gives to the IDoc receiver adapter, it acts like an intermediate carrier.

Communication Channel Edit View

Display Communication Channel Status Active

Communication Channel [REDACTED]

Party [REDACTED]

Service [REDACTED]

Description [REDACTED]

Parameters Identifiers Module

Adapter Type * Split997 http://seeburger.com/xi SEEBURGER_EDI_ADA

Sender Receiver

Transport Protocol * 997

Message Protocol * 997

Adapter Engine * Integration Server

997 Adapter

Adapter State * Active

Parameters Identifiers **Module**

Processing Sequence

Number	Module Name	Module Type	Module Key
1	localejbs/CallBicXIRaBean	Local Enterprise Bean	bic
2	localejbs/ModuleProcessorExit...	Local Enterprise Bean	exit

Module Configuration

Module Key	Parameter Name	Parameter Value
bic	destSourceMsg	MainDocument
bic	destTargetMsg	MainDocument
bic	mappingName	NV_X2E_ANSIX12_997_allVersions
exit	JNDIName	deployedAdapters/SeeXIAS2/sharea...

For 997 Document

Receiver Communication Channel

Display Communication Channel		Status
Communication Channel	[REDACTED]	Active
Party	[REDACTED]	
Service	[REDACTED]	
Description		

Parameters	Identifiers	Module
Adapter Type *	AS2	http://seeburger.com/xi SEEBURGER_EDIDADA
<input type="radio"/> Sender	<input checked="" type="radio"/> Receiver	
Transport Protocol *	HTTP	
Message Protocol *	AS2	
Adapter Engine *	Integration Server	

HTTP	
Server *	[REDACTED]
Port *	80
URL Path	[REDACTED]
HTTP Timeout *	120

Basic Authentication	
<input type="checkbox"/> Use Authentication	

Proxy	
<input type="checkbox"/> Use Proxy	

HTTP

Server: This is the AS2 Server Name.

Port: Use this port to connect the AS2 server.

URL Path: AS2 Server URL path.

HTTP Timeout: Within this time it tries to post the data in the AS2 server.

AS2

Compress

Sign

Signing Algorithm: SHA-1

Encrypt

Encryption: 3DES

MDN Mode *: synchron

Sign MDN

Handle received MDN *: No action

Message Subject: 997ACK

Content Type: application/EDI-X12

Deliver transmission report

XI Message

Payload Mode *: MainDocument

MDN (Message Dispatch Notification) Mode: It is for Acknowledgement receipt of the payload message. Synchronous (After the document delivered to the receiver, the Seeburger Runtime workbench will get the response).

Content Type: It specifies what the content is; here we are sending/receiving data through EDI ANSI X12 version.

Module Tab

Parameters Identifiers **Module**

Processing Sequence

Number	Module Name	Module Type	Module Key
1	localejbs/CallBicXIRaBean	Local Enterprise Bean	bic
2	localejbs/ModuleProcessorExitBean	Local Enterprise Bean	exit

Module Configuration

Module Key	Parameter Name	Parameter Value
bic	destSourceMsg	MainDocument
bic	destTargetMsg	MainDocument
bic	mappingName	NV_X2E_ANSIX12_997_allVersions
exit	JNDIName	deployedAdapters/SeeXIAS2/shareable...

Sender Agreement

Display Sender Agreement
Status

Sender

Party

Service

Interface

Namespace

Receiver

Party

Service

Description

Parameters
Assigned Users

Sender Communication Channel *

Receiver Determination

Display Receiver Determination
Status

Sender

Party

Service

Interface

Namespace

Receiver

Party

Service

Description

Type of Receiver Determination

Standard Extended

Configured Receivers

Condition	Party	Service
/Functional_Acknowledgment/Interc...	████████████████████	████████████████████
/Functional_Acknowledgment/Interc...	████████████████████	████████████████████

If No Receiver Is Found, Proceed as Follows:

Terminate Message Processing with Error (Restart Possible)

End Message Processing Without Error (Restart not Possible)

Continue Message Processing with the Following Receiver: Party Service

Configuration Overview for Receiver Determination

Receiver (Partner Service)	Interface Mapping	Receiver Agreement (Communication Channel)
████████████████████		
████████████████████		

Interface Determination

Interface Determination Edit View

Display Interface Determination Status: Active

Sender

Party: [Redacted]

Service: [Redacted]

Interface: FunctionalAck_Outbound_Async_Ml

Namespace: urn:mag:sap:components

Receiver

Party: [Redacted]

Service: [Redacted]

Description: [Redacted]

Type of Interface Determination

Standard Enhanced


Quality of Service

Maintain Order At Runtime

Configured Inbound Interfaces

Inbound Interface		Interface Mapping	
Name	Namespace	Name	Namespace
1 A_997_ALL_Inbound_Async	urn:mag:sap:components	FunctionalAcknowledgement_to	urn:pi:mag:gijoe

Receiver Agreement

 **Display Receiver Agreement**
Status Active

Sender

Party

Service

Receiver

Party

Service


Interface


Namespace


Description


Receiver Communication Channel *

Header Mapping

Sender Party 

Sender Service 

Receiver Party 

Receiver Service 

Security Settings

AS2 Sender Configuration

Signing Key

AS2 Receiver Configuration

Encryption Certificate

Authentication Certificate

Active all the objects.

With this, we have finished our Integration Directory Configuration.

Seeburger Workbench

Message-Splitter Configuration Frontend

Data Management: | Import/Export:

Sender	Mapping	State	Channel	Last modified
<input type="checkbox"/> Sender EDI ID	NV_E2X_ANSIX12_850_V4010	accepted	Communication Channel for the particular Sender	Fri Mar 21 11:33:45 PDT 2008
<input type="checkbox"/> Sender EDI ID	NV_E2X_ANSIX12_860_V4010	accepted	Communication Channel for the particular sender	Tue Jul 31 16:23:48 PDT 2007
<input type="checkbox"/> Sender EDI ID	NV_E2X_ANSIX12_997_allVersions	accepted	Communication Channel for the particular sender	Fri Feb 15 17:11:21 PST 2008
<input type="checkbox"/> Sender EDI ID	NV_E2X_ANSIX12_850_V4010	accepted	Communication Channel for the particular Sender	Fri Oct 5 16:31:27 PDT 2007
<input type="checkbox"/> Sender EDI ID	NV_E2X_ANSIX12_852_V4010	accepted	Communication Channel for the particular Sender	Wed Nov 12 09:34:10 PST 2008
<input type="checkbox"/> Sender EDI ID	NV_E2X_ANSIX12_852_V4030	accepted	Communication Channel for the particular Sender	Mon Oct 20 09:58:29 PDT 2008
<input type="checkbox"/> Sender EDI ID	NV_E2X_ANSIX12_860_V4010	accepted	Communication Channel for the particular Sender	Thu Aug 2 15:38:38 PDT 2007
<input type="checkbox"/> Sender EDI ID	NV_E2X_ANSIX12_997_allVersions	accepted	Communication Channel for the particular Sender	Mon Aug 13 10:46:50 PDT 2007
<input type="checkbox"/> Sender EDI ID	NV_E2X_ANSIX12_860_V4010	accepted	Communication Channel for the particular Sender	Thu Aug 2 11:21:14 PDT 2007
				Tue Apr 22

Here based on the sender EDI ID the seeburger workbench selects the corresponding mapping name.

Entry details

Key

Sender:

Mapping-Name:

State: Accepted Partly Accepted

Selection Of Sender Agreement

Quality of Service: Exactly Once Exactly Once in Order

Channel:

Sender-Party:

Sender-Service:

Sender Agreement:

Last Modified: Mon Oct 20 09:58:29 PDT 2008

Seeburger Message Monitoring

It is a tool like Runtime workbench in XI/PI; here in the Message Monitoring we can monitor the messages in the seeburger environment. We can get the status here, if it is success then its working fine, suppose if it is Error then we can get the cause of error.

MessageStore Monitor

MessageStore: AS2 Adapter From: 08.04.2009 00:00 To: 08.04.2009 23:59 Filter Import Export

Found 192666 entries.
Maximum No. of entries has been reached, only the first 1000 entries are shown.
Please define filters to restrict the No. of found entries.

Status	Sender	Receiver	Subject	Timestamp	In/Out
● SUCCESS	[REDACTED]	[REDACTED]	850 [REDACTED]	04/08/2009 07:54:04	[REDACTED]
● SUCCESS	[REDACTED]	[REDACTED]	997ACK	04/08/2009 07:54:03	[REDACTED]
● SUCCESS	[REDACTED]	[REDACTED]	997ACK	04/08/2009 07:54:02	[REDACTED]
● SUCCESS	[REDACTED]	[REDACTED]	997ACK	04/08/2009 07:54:01	[REDACTED]
● SUCCESS	[REDACTED]	[REDACTED]	Test Message	04/08/2009 07:54:01	[REDACTED]
● SUCCESS	[REDACTED]	[REDACTED]	Test Message	04/08/2009 07:53:59	[REDACTED]
● SUCCESS	[REDACTED]	[REDACTED]	997ACK	04/08/2009 07:53:59	[REDACTED]
● SUCCESS	[REDACTED]	[REDACTED]	Test Message	04/08/2009 07:53:58	[REDACTED]

Success Log:

Message details

Message ID	<206710093917581717991239202535804.SEEBURGER.SAPServiceXIP@10.151
Sender AS2 ID	[REDACTED]
Receiver AS2 ID	[REDACTED]
State	SUCCESS
Status Description	Correlation successful.
Timestamp	04/08/2009 07:55:35
Content Type	application/octet-stream
MIC	Kwi1THBDSIA6nh0fPEO6CrPub6o=
Message Subject	[REDACTED]
Receipt requested	sync
Encrypted	<input checked="" type="checkbox"/>
Direction	SENT
Compressed	<input checked="" type="checkbox"/>
Signed	<input checked="" type="checkbox"/>

Receipt (MDN) details

Type	sync
------	------

Message Monitoring with error records

Error Log:

Message details	
Message ID	<14439631301507524431239089748562.SEEBURGER.SAPServiceXIQ@10.151.
Sender AS2 ID	[REDACTED]
Receiver AS2 ID	[REDACTED]
State	ERROR
Status Description	MDN not authenticated
Timestamp	04/07/2009 00:35:48
Content Type	application/octet-stream
MIC	gdA+YkzJGKFKrl/0sh7Orfw7mgY=
Message Subject	test 997ACK
Receipt requested	sync
Encrypted	<input checked="" type="checkbox"/>
Direction	SENT
Compressed	<input type="checkbox"/>
Signed	<input checked="" type="checkbox"/>
Receipt (MDN) details	
Type	sync

Sample Input Data

For 850 Document:

```

ISA*00*                *00*                *ZZ*XXXXXXXXX        *12*1234567980
*090808*2112*U*00401*000001926*0*P*}
GS*P0*XXXXXXXXX*2314569870*20090808*2112*1943*X*004010
ST*850*19430001
BEG*00*SA*1200773**20090806
CUR*BY*USD
REF*IA*15850
PER*BD*yyyyyyyyyyyyyyyyyy
ITD*****Net 30
DTM*037*20090828
DTM*038*20090903
N1*BT*abcdef ghijklmn
N3*180 E Fifth St
N4*St Paul*MN*55101
N1*ST*abcdef ghijklmno #1*92*0001
N3*700 A. abcdefg Drive
N4*xyzabcd*IN*46052
P01**2*EA*5.4**SK*10331792*UP*763357109696*VN*980773
CTP**RTL*11.99
PID*F*08***EXPLORIST CARRYING CASE
P04*1
REF*DP*50
REF*PG*2
SDQ*EA*92*0001*2
SE*43*19430001
GE*1*1943
IEA*1*000001926

```

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