



ADEPTIA

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# **Adeptia Suite**

## **EDI Acknowledgment Guide**

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## Introduction

The Acknowledgment (FA) file contains the detail of total executed, accepted and rejected Transaction set. This document explains how to create the Acknowledgment Relationship for EDI X12 Inbound and Outbound messages. In Adeptia Suite , Acknowledgment relationship is configured by the following ways:

- For EDI Inbound, Acknowledgment(FA) is generated
- For EDI Outbound, Acknowledgment is Reconciled

### *Sample FA file:*

```
ISA*00*                *00*                *01*050398924        *09*9086880888        *130517*2337*U*00401*082062935*0*T*>~
GS*FA*050398924*9086880888*20130517*2337*82062935*X*004010~
ST*997*82062935~
AK1*IN*10002~
AK9*A*3*3*3~
SE*4*82062935~
GE*1*82062935~
IEA*1*082062935~
```

## Creating Acknowledgment Relationship For Inbound (Generating FA)

In Adeptia Suite, if you want to generate the Acknowledgment (FA) for EDI Inbound then you need to create the outbound relationship with 997 Transaction Set code value. The generated FA file may or may not contain the details of error in the received inbound file. It depends on the option selected in the Inbound relationship for which you want to generate the FA.

Follow the below defined steps to configure and generate the FA for Inbound flow:

### Pre-requisites for Generating FA of Inbound message:

1. Go to *Develop>Solutions>B2B>Relationships*.
2. Select the Trading Partner for which you want to create the inbound relationship.
3. Click on **Create New** to create new Inbound Relationship.
4. Select *Generate Acknowledgment* as *Yes*, if you want to generate the Acknowledgment for the processed EDI file. This drop down displays the following option:
  - (a) *No-Do not generate Acknowledgment*.
  - (b) *Yes-No Error detail*( If you select this option then generated FA file contains only Mandatory segments in the file without description of error generated in the EDI file data).
  - (c) *Yes-With Error detail*( If you select this option, then generated FA file contains the detail information of the error, if any.)

### Creating Outbound Relationship for FA Generation:

1. Now Go to *Develop>Solutions>B2B>Relationships*.
2. Click on **Create New** to create new Outbound Relationship on the same Trading partner for FA generation.
3. Select "*Transaction Set Code*" value as 997(The fields inside the Routing Properties are disabled when Transaction set code value is 997.Also, in Translation Properties mapping field is disabled). (*see figure 1*)
4. Select the Target activity and Target File name pattern for the FA file.
5. Define the Group envelope property accordingly.
6. Create the ISA Envelope.
7. Save the Outbound relationship Activity.

**EDI Outbound Relationship: EDIX12\_997\_Ack\_PartnerA**

Basic properties

Name\*

Description\*

EDI Standard\*

EDI Standard Version\*

Association Assigned Code

Transaction Set Code\*

Test/Production Indicator\*

Expect Acknowledgement

Hours Overdue

Use Global Transaction Control No

Last Used Transaction Control No\*

Responsible Agency Code

Skip Compliance Check

Figure 1 : Create Outbound Relationship

**Steps to Generate the FA:**

1. Execute the Inbound Flow through the Event selected in Inbound Relationship.
2. Now target file and acknowledgment file will be created at respective locations.
3. Check the B2B Logs and Target files.
4. In the B2B Logs, if you select the inbound message and click on the Acknowledgment then generated acknowledgment will be displayed(*see figure 2*).

Transmission ID	Partner Name	Receiver ID	Sender ID	Document Type	Status	LogMessage	Direction	FileIn	FileOut
192168001094136904848819201742	PartnerB	826943268218	050398924	IN	SENT	None	OUTBOUND	<a href="#">MultiplePartner.txt</a>	<a href="#">Outou</a>
192168001094136904848819201742	PartnerA	9086880888	050398924	IN	SENT	None	OUTBOUND	<a href="#">MultiplePartner.txt</a>	<a href="#">Outou</a>
192168001094136904845912201463	PartnerC	9711076266	9896567895	ORDERS	SENT	None	OUTBOUND	<a href="#">EDIFACT_Partner_Order.txt</a>	<a href="#">Outbo</a>
192168001094136904845517801231	PartnerC	9896567895	9711076266	ORDERS	TRANSLATED	None	INBOUND	<a href="#">EDIFACT_Order_Inbound.txt</a>	
192168001094136904845113901016	PartnerA	9086880888	050398924	IN	SENT	None	OUTBOUND	<a href="#">MultiplePartner.txt</a>	<a href="#">Outou</a>
192168001094136904837606600766	PartnerA	9086880888	050398924	FA	SENT	None	OUTBOUND		<a href="#">Outou</a>
192168001094136904837455900703	PartnerA	050398924	9086880888	IN	TRANSLATED	None	INBOUND	<a href="#">Inbound_Bed Bath Invoice X12 File .txt</a>	

Figure 2: B2B Log Page

## Reconciling Acknowledgment For Outbound

In Adeptia Suite, to reconcile the FA message for outbound message you need to create the Inbound relationship with 997 Transactions set code value.

Follow the below defined steps to configure and Reconcile the FA for Outbound flow:

### Pre-requisites for Reconciling FA of Outbound message:

1. Go to *Develop>Solutions>B2B>Relationships*.
2. Select the Trading Partner for which you want to create the Outbound relationship.
3. Click on **Create New** to create new Outbound relationship.
4. Select "*Expect Acknowledgment*" as "Yes" to reconcile the 997.
5. Define Hours Overdue.
6. Define all other parameters and save the Outbound relationship.

### Creating Inbound Relationship for FA reconciliation:

1. Go to *Develop>Solutions>B2B>Relationships*
2. Click on **Create new** to Create New Inbound Relationship for the same Trading Partner for FA Reconciliation.
3. Select "*Transaction Set Code*" value as 997 (see figure 3).
4. In Translation Property select the Event.

EDI Inbound Relationship: EDIX12\_997\_Ack\_PartnerA

4 Basic properties

Name*	<input type="text" value="EDIX12_997_Ack_PartnerA"/>
Description*	<input type="text" value="EDI X12 Inbound Relationship For Acknowledgement Message"/>
EDI Standard*	<input type="text" value="X12"/>
EDI Standard Version*	<input type="text" value="004010"/>
Association Assigned Code	<input type="text"/>
Transaction Set Code*	<input type="text" value="997"/>
Test/Production Indicator*	<input type="text" value="T-Test"/>
Generate Acknowledgement	<input type="text" value="No - Do not generate acknowledgements"/>
Skip Compliance Check	<input type="checkbox"/>
Project	<input type="text" value="Default"/>

Figure 3: Create Inbound Relationship

**Steps to Reconcile the FA:**

1. Execute the Outbound flow. It will generate the EDI message.
2. Now your Partner need to send the FA file which will be reconciled.
3. We need to pick that FA file.
4. The Event selected in the Inbound relationship (created for FA) will pick the FA file and FA message will be Reconciled.
5. Check the B2B log page the Status of the FA message is displayed as "RECONCILED" in X12 Inbound and All log Page(see figure 4).

Log Date : From  hr  To  hr

[AuditLog](#) | [ViewData](#) | [ErrorLog](#) | [Acknowledgment](#) | [Resubmit](#)

Transmission ID	Partner Name	Receiver ID	Sender ID	Document Type	Status	LogMessage	Direction	FileIn	FileOut
127000000001136894327000701488	PartnerA	050398924	9086880888	FA	RECONCILED	None	INBOUND	<a href="#">Outputfile_05-19-2013_11-18-02_2.txt</a>	

Figure 4: B2B Log Page