



# Leading the **Integration** Revolution

---

Your business problems have changed.  
Why hasn't your integration solution?



ADEPTIA

# Using Adeptia

Use Case: Creating an EDI Outbound File

# Use Case highlights

In this use case we will go through following steps:

1. Use the B2B Trading Partner Relationship to configure EDI Outbound
2. Setup a trigger to run the outbound relationship
3. View the status and the run-time logs in the B2B Monitoring dashboard

# Setup Trading Partner

Setup EDI Trading Partner by going to Develop > Solutions > B2B > Trading Partner

Solutions > B2B > Trading Partner ✓

Delete + Create New Quick Search

<input type="checkbox"/>	Name	Description	Owner	Partner ID	Project Name	Modified	Action
<input type="checkbox"/>	LogisticsPartner	Logistics partner relationship	admin	LOGISTICS	UseCase_EDI_Ou...	01/06/14...	☰

## Edit EDI Trading Partner: LogisticsPartner

### Basic properties

Name \* LogisticsPartner

Description \* Logistics partner relationship

Project UseCase\_EDI\_Outbound

### EDI Configuration

Partner ID\* LOGISTICS ✓

Host ID\* ORGID ✓

- ▷ Inbound Global Control Numbers
- ▷ Outbound Global Control Numbers
- ▷ Contact Information

# Configure: Event

Setup Event by going to Develop > Events > File

Events > File ✓

Delete ✓ Activate Deactivate + Create New Quick Search

Name	Description	Owner	PF	Project Name	Modified	Action
Logistics_EDI_Shipment_Event	trigger Logistics outbound relationship	admin	View	UseCase_EDI_Ou...	01/06/1...	☰

Name\* Logistics\_EDI\_Shipment\_Event

Description\* trigger Logistics outbound relationship

Trigger Type\* On FileExists

Check for File Modification

File Include Criteria\* shipmentnotice.txt ✓

File Exclude Criteria

File Base Location\* c:\data\edi ✓

# Configure: Mapping

Setup Event by going to Develop > Services > Data Transformation

Services > Data Transformation > Data Mapping ✓

Delete + Create New Quick Search

Name	Description	Owner	Project Name	Modified	Action
EDI_ShipmentNotice	EDI 214 map	admin	UseCase_EDJ_Outb...	01/06/14 ...	☰

No Element Selected

Structure\_of\_source\_XSD

- Root (Logistics\_Source\_Schema)
  - Record
    - @ recordNumber
    - <> PartnerID (string) (M)
    - <> Location (string)
    - <> ShipperName (string) (M)
    - <> Count (string) (M)
    - <> Address (string) (M)
    - <> City (string) (M)
    - <> State (string) (M)
    - <> TransactionID (string) (M)

Loop1\_N1

- N1
  - <> N101 (Entity Identifier Code) (type98)
  - <> N102 (Name) (type93) (M)
  - <> N103 (Identification Code Qualifier) (type66) (M)
  - <> N104 (Identification Code) (type67) (M)
  - <> N105 (Entity Relationship Code) (type706)
  - <> N106 (Entity Identifier Code) (type98)
- N2
  - <> N201 (Name) (type93) (M)
  - <> N202 (Name) (type93)
- N3
  - <> N301 (Address Information) (type166) (M)
  - <> N302 (Address Information) (type166)
- N4
  - <> N401 (City Name) (type19) (M)
  - <> N402 (State or Province Code) (type156) (M)
  - <> N403 (Postal Code) (type116)
  - <> N404 (Country Code) (type26) (M)
  - <> N405 (Location Qualifier) (type309)

Prerequisite: Create Source and target EDI schemas by going to Develop > Services > Schema

# Configure: Target

Create Target by going to Develop > Services > Target > File

Services > Target > File ✓

Delete + Create New Quick Search

Name	Description	Owner	Project Name	Modified	Action
EDI_Shipment_Logistics_Target	target file location	admin	UseCase_EDI_Outb...	01/06/14 ...	☰

Name\* EDI\_Shipment\_Logistics\_Target

Description\* target file location

File Path\* c:\data\edi

✓ File Name\* Logistics\_214\_output\_

Time Stamp yyyyymmdd HH-mm-ss

Create Unique File

File Extension\* txt

# Configure: Outbound Relationship

Create Target by going to Solutions > B2B > Relationships

Projects | Solutions ▾ | Process ▾ | Services ▾ | Events ▾ | Web Forms | Reports and Dashboards ▾

Solutions > B2B > Relationships

Trading Partner + Quick Search

- LogisticsPartner ✓
- PartnerHospital
- BethesdaHospital

Inbound Relationship | **Outbound Relationship** ✓ | ISA Outbound Envelope | UNB Outbound Envelope

Delete + Create New ✓ Quick Search

Name	Description	Owner	Project Name	Document Type	Data Format	Modified	Action
Logistics_EDJ_214	EDI 214 relationship	admin	UseCase_E...	QM	X12	01/06...	☰

## EDI Outbound Relationship: Logistics\_EDJ\_214

Name\* Logistics\_EDJ\_214

Description\* EDI 214 relationship

EDI Standard\* X12

EDI Standard Version\* 004010 ✓

Association Assigned Code

Transaction Set Code\* 214 ✓

Test/Production Indicator\* T-Test

Expect Acknowledgement No

Hours Overdue

Use Global Transaction Control No

Last Used Transaction Control No\* 0000

Responsible Agency Code X

Skip Compliance Check  ✓

# Configure: Outbound Relationship

Select Event, Mapping and Target activities created in previous steps

Routing properties

Location Based Routing

Service Type  ✓

Service Name  ✓

Decrypt Source File

Data Security

Content Based Routing

Select Field  + ✎ ⚙

Define Value

Translation properties

Mapping  ✓

Send Data to Trading Partner

Service Type  ✓

Service Name  ✓

# Configure: Outbound Relationship

Put in your Host ID in the Sender ID field and the Trading Partner ID in the Receiver ID field.

Group Envelope properties

Functional ID*	QM
Sender ID*	ORGID ✓
Sender Code Qualifier	
Receiver ID*	LOGISTICS ✓
Recipient Code Qualifier	
Use Global Control No	<input type="checkbox"/>
Last Used Control Number*	0
Responsible Agency Code*	X
Envelope Version*	004010
Sequence From Group	<input type="checkbox"/>
Format	Normal

ISA Envelope properties

Use Existing   

Create New  

Select the ISA Envelope or create a new one 

# Configure: Outbound Relationship

## Basic properties

Name*	<input type="text" value="Logistics_ISA"/>	Interchange control number*	<input type="text" value="000000000"/>
Description*	<input type="text" value="ISA envelope"/>	Acknowledgement*	<input type="text" value="Yes"/>
Authorization code qualifier*	<input type="text" value="00"/>	Test/Production Indicator*	<input type="text" value="T-Test"/>
Authorization code	<input type="text"/>	Element Separator*	<input type="text" value="*"/> <input type="checkbox"/> Hex Format
Security code qualifier*	<input type="text" value="00"/>	Sub-element Separator *	<input type="text" value="~"/> <input type="checkbox"/> Hex Format
Security code	<input type="text"/>	Segment Terminator*	<input type="text" value="a"/> <input checked="" type="checkbox"/> Hex Format
Interchange SenderID qualifier*	<input type="text" value="01"/>	Repetition Separator	<input type="text"/> <input type="checkbox"/> Hex Format
Interchange SenderID*	<input type="text" value="ORGID"/>	Project	<input type="text" value="UseCase_EDI_Outbound"/>
Interchange ReceiverID qualifier*	<input type="text" value="09"/>		
Interchange ReceiverID*	<input type="text" value="LOGISTICS"/>		
Interchange Standards Identifier*	<input type="text" value="U"/>		
Interchange VersionID*	<input type="text" value="00401"/>		
Use Global Interchange Control No	<input type="checkbox"/>		

# B2B Logs

First run the Event by going to Events > File and select and activate or right click and click on Execute Now if the trigger type is on File exists.

After executing or activating the trigger go to Monitor > History > B2B Logs

Home Develop Monitor Administer

My Tasks My Documents Dashboard Reports History My Solutions

History > B2B Logs

B2B Logs

Interchanges

- ALL
- X12
- EDIFACT
- OTHERS

Log Date : From 01/06/201 hr 00 To 01/06/201 hr 23

-- Select -- View Archive Search

AuditLog | ViewData | ErrorLog | Acknowledgment | Resubmit

Transmission ID	Partner Name	Receiver ID	Sender ID	Document Type	Status	LogMessage	Direction	FileIn
192168001036138902301843601705	LogisticsPartner	LOGISTICS	ORGID	QM	SENT	None	OUTBOUND	<a href="#">shipmentnotice.txt</a>
192168001036138901997044701398	Averitt	TPID	AVRT	QM	SENT	None	OUTBOUND	<a href="#">shipmentnotice.txt</a>
192168001036138901915360001091	Averitt	TPID	AVRT	QM	SENT	None	OUTBOUND	<a href="#">shipmentnotice.txt</a>
192168001036138901839719700710	PartnerA	9086880888	050398924	FA	SENT	None	OUTBOUND	
192168001036138901839460500616	PartnerA	050398924	9086880888	IN	TRANSLATED	None	INBOUND	<a href="#">Inbound Bed Bath Invc</a>
192168001036138901834509700329	PartnerHospital	05039844	908688055	HC	TRANSLATED	None	INBOUND	<a href="#">edi837.txt</a>
192168001036138901831549300022	Averitt	TPID	AVRT	QM	SENT	None	OUTBOUND	<a href="#">shipmentnotice.txt</a>

# Project

Manage your activities by going to the project. All the objects are shown under their service categories.

Projects | Solutions ▾ | Process ▾ | Services ▾ | Events ▾ | Web Forms | Reports and Dashboards ▾

**Projects**

List of activities included in project "UseCase\_EDI\_Outbound" ✓

◀ Back   Move ↻  

<input type="checkbox"/>	Name	Description	Owner	Modified
[-] Data Mapping (1)				
<input type="checkbox"/>	EDI_ShipmentNotice	EDI 214 map	admin	01/06/14 10:07
[-] EDI ISA Outbound Envelope (1)				
<input type="checkbox"/>	Logistics_ISA	ISA envelope	admin	01/06/14 09:43
[-] EDI Outbound Relationship (1)				
<input type="checkbox"/>	Logistics_EDI_214	EDI 214 relationship	admin	01/06/14 09:43
[-] EDI Schema (1)				
<input type="checkbox"/>	Common_EDI_214_Shipment	Common 214 Shipment Notice schema	admin	01/06/14 09:22
[-] EDI Trading Partner (1)				
<input type="checkbox"/>	LogisticsPartner	Logistics partner relationship	admin	01/06/14 09:08
[-] Event Registry (1)				
<input type="checkbox"/>	Logistics_EDI_Shipment_Event_X12_Registry	Registry to Bind event Logistics_EDI_Shipment_...	admin	01/06/14 09:43
[-] File Event (1)				

# Leading the **Integration** Revolution

Your business problems have changed.  
Why hasn't your integration solution?

# Thank You!



ADEPTIA