



# Leading the **Integration** Revolution

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



ADEPTIA

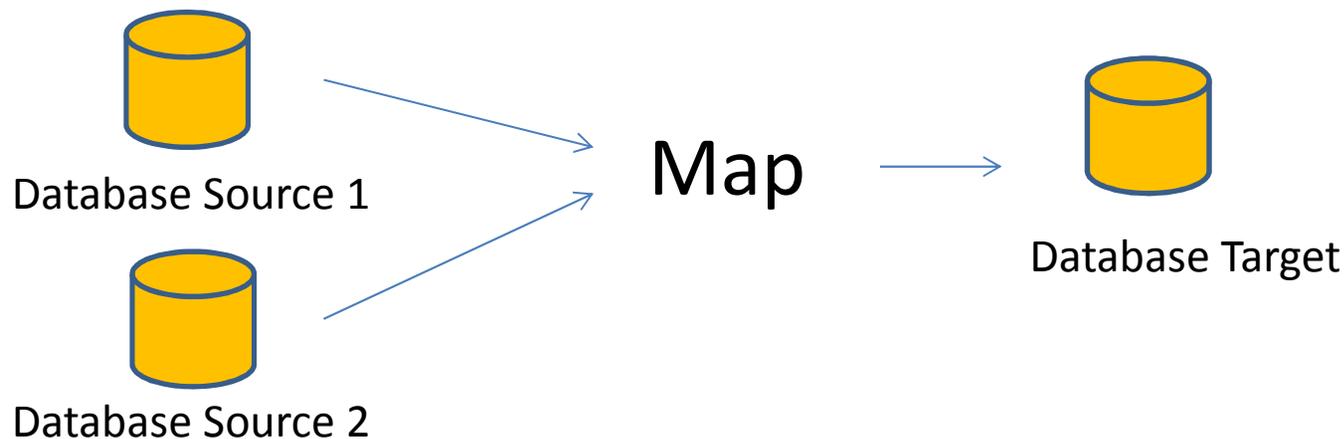
# Using Adeptia

Use Case: Two sources in one flow

# Use Case highlights

In this use case we will create a process that does the following:

1. Pick two database sources
2. Map the two sources into single database output
3. Use Multiple Stream option to connect the input streams into Mapping
4. See the run-time results in the process flow logs dashboard



# Design methodology



Design a high level process flow



Configure all the activities in the process flow



Attach to Event

# Design: Process Flow

Please refer to the Use Case video describing how to build this process flow



# Configure – Database Source & Target

Create the Database Info and Database Schema activities and then select them in the Database Source and Target activities. Please refer to the video.

Services > Source > Database ✓

Delete + Create New Quick Search

<input type="checkbox"/>	Name	Description	Owner	Project Name	Modified	Action
<input type="checkbox"/>	UseCase_Subscriber_Source	Subscriber data source	demouser	UseCase_TwoSo...	12/31/1...	☰
<input type="checkbox"/>	UseCase_Claims_Source	claims data source	demouser	UseCase_TwoSo...	12/31/1...	☰

Services > Target > Database ✓

Delete + Create New Quick Search

<input type="checkbox"/>	Name	Description	Owner	Project Name	Modified	Action
<input type="checkbox"/>	UseCase_Members_Target	Members data target	demouser	UseCase_TwoSo...	12/31/1...	☰

# Configure – Mapping

Select the two source schemas and the target schema in the mapping.

The screenshot shows a mapping tool interface with two source schemas on the left and a target schema on the right. The source schemas are:

- Root (UseCase\_Claims\_DataSchema) containing elements like EmploymentStatusCode, LastName, FirstName, etc.
- Root (UseCase\_Claims\_DataSchema) containing elements like recordNumber, ClaimSubmitterIdentifier, MonetaryAmount, etc.

The target schema is Structure\_of\_destination\_XSD, containing a Record (M) element with various attributes and elements like recordNumber, EmpSSN, EmpFirstName, etc.

Mapping lines connect source elements to target elements. A red line connects the InterchangeControlNumber element from the second source schema to the recordNumber element in the target schema. A red checkmark is next to this mapping line.

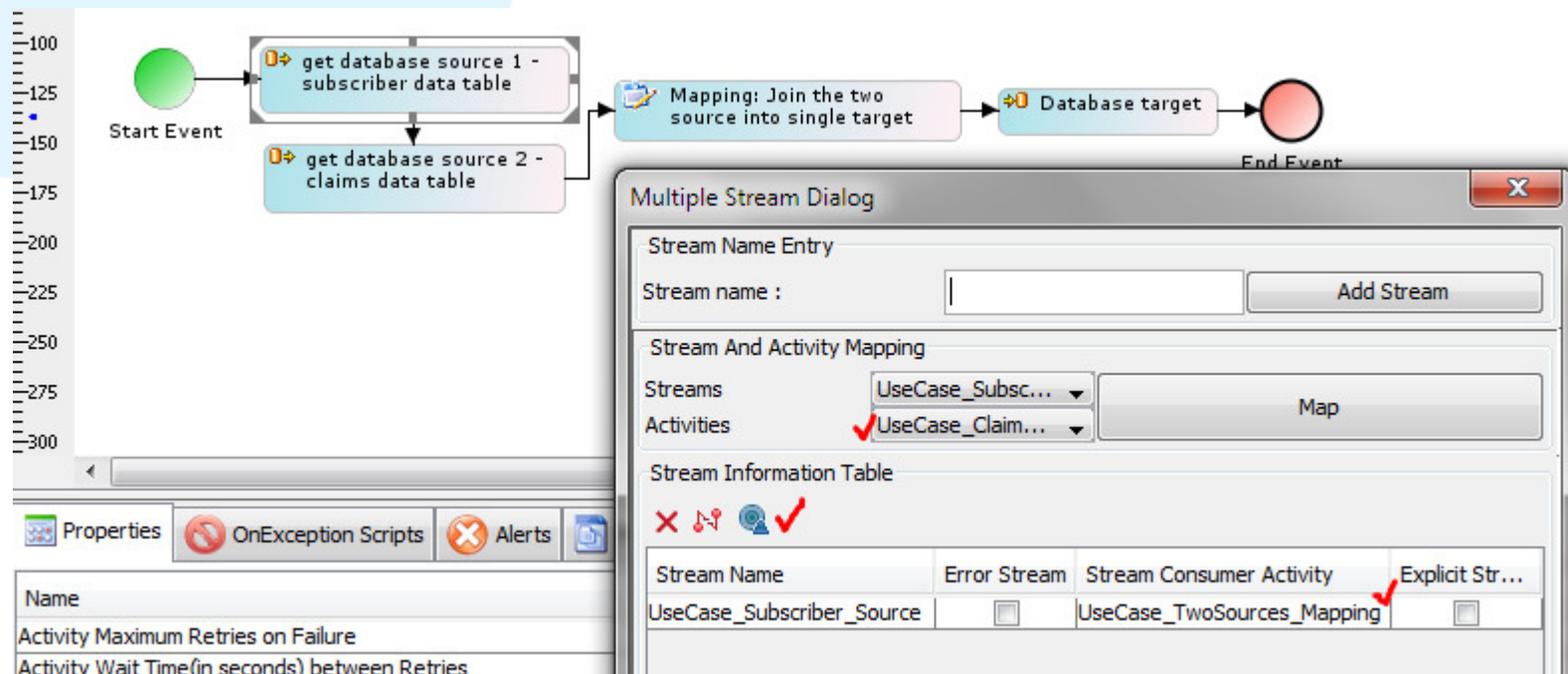
The mapping rule in the bottom panel is:

```
Input UseCase_Claims_DataSchema/Root/Record[InterchangeControlNumber = $varID]/Input UseCase_Claims_DataSchema/Root/Record/SubscriberPolicyNumber
```

`$Input_UseCase_Claims_DataSchema/Root/Record[InterchangeControlNumber = $varID]/$Input_UseCase_Claims_DataSchema/Root/Record/SubscriberPolicyNumber`

# Configure – Process Flow

Right click on Database Source 1 and select Multiple Stream option.  
Click on the 'Create Default Stream' icon and then in the second drop-down select the Mapping activity name and click on Map button. Do the same for the Database Source 2.



# Deploy – Process Flow

Attach the process flow to an Event or manually execute it by going to Monitor > Process Flow Dashboard and selecting your flow and clicking on Execute. Click on the instance name to see the run-time log details.

Home Develop Monitor Administer

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Dashboard > Process Flows

Process Flows List \*twosources\* x x

UseCase\_TwoSources\_One\_process ✓

Process Details

UseCase\_TwoSources\_One\_process (merge two sources into one process) Execute KPI

Instances

10 8 6 4 2 0

0 0 0 2

Queued Running Failed Executed

Status

Instances

10 8 6 4 2 0

0 0 0 0 0 0 0 0 0 2

22 Dec 24 Dec 26 Dec 28 Dec 31 Dec

Last 10 Days

Process > Process Flow Quick Search

Description	Status	Started By	Start Time	Duration	Action
merge two sources int... ✓	Executed ✓	demouser	12/31/2013 11:52:14	3 sec	☰
merge two sources int...	Executed	demouser	12/31/2013 11:20:20	8 sec	☰

# Project: View and manage activities for this use case

**Projects**

List of activities included in project "UseCase\_TwoSources" ✓

◀ Back   Move ↻   Quick Search

<input type="checkbox"/>	Name	Description	Owner	Modified
☏ Data Mapping (1)				
<input type="checkbox"/>	UseCase_TwoSources_Mapping	two sources map to single target	demouser	12/31/13 11:15
☏ Database Info (3)				
<input type="checkbox"/>	DatabaseSource1_connection	Subscriber data connection	demouser	12/31/13 11:01
<input type="checkbox"/>	DatabaseSource2_connection	claims data source	demouser	12/31/13 11:03
<input type="checkbox"/>	Database_Target_Members	members data connection	demouser	12/31/13 11:06
☏ Database Schema (3)				
<input type="checkbox"/>	UseCase_Claims_DataSchema	claims data schema	demouser	12/31/13 11:04
<input type="checkbox"/>	UseCase_Members_Schema	Members schema	demouser	12/31/13 11:07
<input type="checkbox"/>	UseCase_Subscriber_DataSchema	Subscriber data schema	demouser	12/31/13 11:05
☏ Database Source (2)				
<input type="checkbox"/>	UseCase_Claims_Source	claims data source	demouser	12/31/13 11:08
<input type="checkbox"/>	UseCase_Subscriber_Source	Subscriber data source	demouser	12/31/13 11:08

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Thank You!



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