

SRM Contract to E-Sourcing Master Agreement Integration Solution



Applies to:

SRM5.0, SRM 7.0, E-Sourcing 5.1. For more information, visit the [Supplier Relationship Management homepage](#)

Summary

We can transfer the SRM central contract into E-Sourcing to create the Master Agreement. Currently it is not standard, so we have to do some enhancement in SRM. At the same time, we can involve the PI as the integration platform, but in this solution we will not involve PI.

Author: Guoyu Li

Company: SAP China

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Author Bio



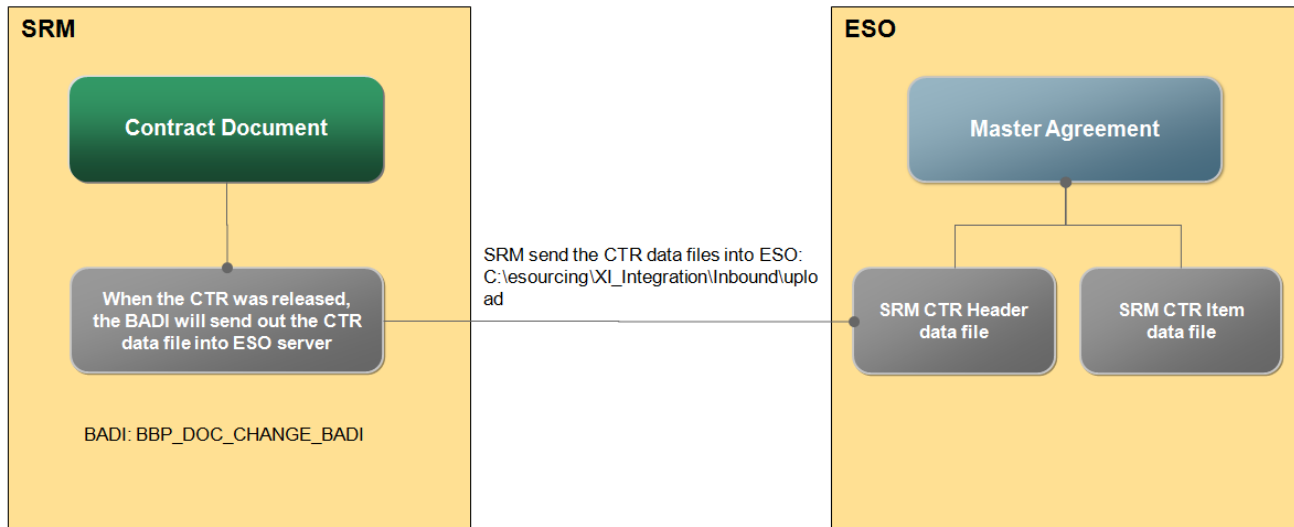
Guoyu Li is an Senior consultant with more than 10 years of SAP Consulting Experience. He has extensive experience of a number of implementations, upgrades, rollouts and run/maintain lifecycles of SAP Solutions running on SAP SRM, ECC, SNC, he has adequate knowledge and experience of modern day Supply Chain and Procurement Processes.

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The overall solution of the integration

This solution will not involve PI, but technically we can use PI in this integration.



In SRM

Enhancement in SRM

We will use the BADI: BBP_DOC_CHANGE_BADI to send the CTR data file into ESO, when the contract was released

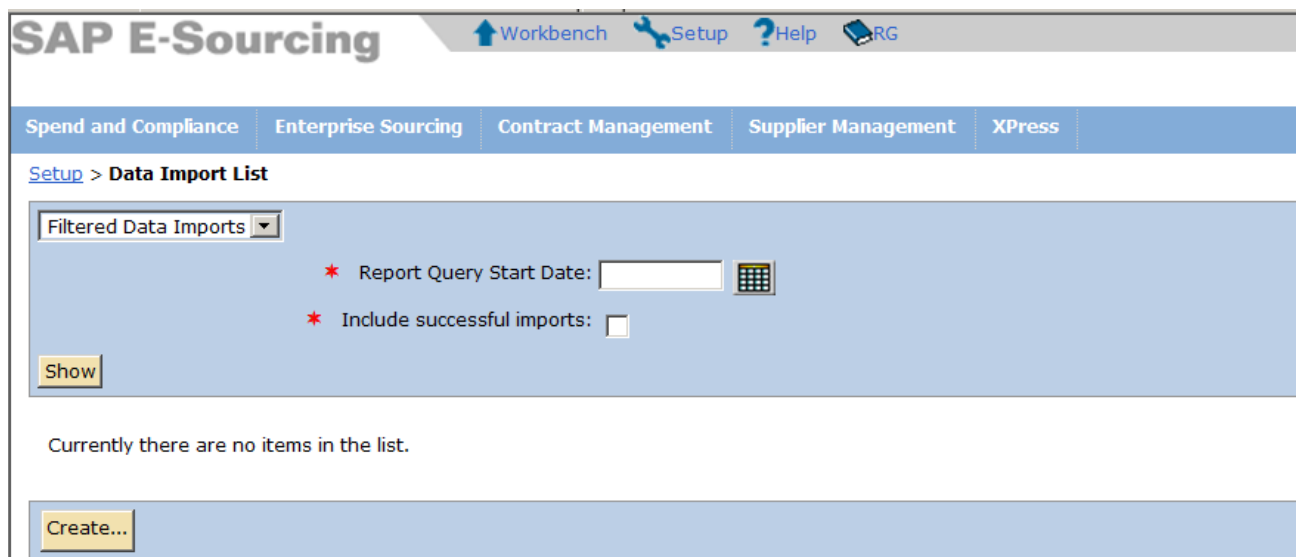
Data file format

We need to split the contract header data and item data into two data files, the detail format. And it is supporting the txt format or csv format data file.

In E-Sourcing

We need to test the CTR data file manually

When SRM send out the contract two data files, we need to test it manually, and please follow the steps



Then create

SAP E-Sourcing

Import Wizard

File Location: Upload to Server
 File already exists on server

Next >>

Cancel

Then Next

SAP E-Sourcing

Import Wizard: Select a File

Description:

* Upload Import File:

 ...

<< Back

Next >>

Cancel

Select the CTR header data file from your computer

SAP E-Sourcing - Windows Internet Explorer

Add Attachment

Attachment:

C:\ZGUOYU\contract_data_20101010003101_1.csv


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Then Next

SAP E-Sourcing

Import Wizard: Select a File

Description:

* Upload Import File: [contract_data_20101010003101_1.csv](#) 

<< Back Next >> Cancel

The object type is Master Agreement, then Next

SAP E-Sourcing

Import Wizard: CSV Contents

Object Type:

Preview the import

<< Back Next >> Cancel

Then Next

SAP E-Sourcing

Import Wizard: Import Mode

Import Control: In Background
 Wait for import to finish

<< Back Next >> Cancel

SAP E-Sourcing

Import Wizard: Importing

Status: Complete

Message: Importing a CSV file. 1 ok. File rimport_24996.csv

Progress: Processed 1 of 1

Percent Complete:

Next >> Cancel

SAP E-Sourcing [Workbench](#) [Setup](#) [Help](#) [RG](#)

Spend and Compliance | Enterprise Sourcing | Contract Management | Supplier Management | XPress

Setup > Data Import List > Import-00141

Data Import : Import-00141

Document

File Import

Display Name: Import-00141
Description:
Object Type: Master Agreement
File Name: contract_data_20101010003101_1.csv
Status: Complete
Start Date: 10/13/10 10:10 AM (HKT)
Expiration Date: 10/13/10 10:10 AM (HKT)
Action Log: [Trace.txt](#)
Successful Records: 1
Failed Records: 0
Result: Successful

Individual Results:

File Name	Successful Records	Failed Records	Result	Errors/Warnings
rtimport_24996.csv	1	0	Successful	

If there is one error, you can check the detail error message from the Action Log: Trace.txt

```
Trace[6] - Notepad
File Edit Format View Help
wed Oct 13 09:50:29 GMT+08:00 2010      Importing a csv file.
wed Oct 13 09:50:29 GMT+08:00 2010      ..Inserting CSV data from file rtimport_24964.csv
wed Oct 13 09:50:29 GMT+08:00 2010      .....Record 1. An error was encountered in column CONTACT which had the value Guoyu Li
wed Oct 13 09:50:29 GMT+08:00 2010      .....Record 1. warning: the item Guoyu Li referenced in column CONTACT could not be found
wed Oct 13 09:50:29 GMT+08:00 2010      ....Import failed for object number 1. This field is required and must have a value. [CONTACT]
wed Oct 13 09:50:29 GMT+08:00 2010      ..Complete. 0 ok. 1 failed.
wed Oct 13 09:50:29 GMT+08:00 2010      ..Importing a csv file. 0 ok. 1 failed. File rtimport_24964.csv
wed Oct 13 09:50:29 GMT+08:00 2010      Error during action failed to import data, 1 error(s).
```

The same steps to check the CTR item data file, and the object type is also “Master Agreement” for the line item

Define the schedule task to automatically import the CTR data file into ESO

After manual testing the data file, we can define the schedule task to import the CTR data file into ESO to create master agreement.

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Setup > **Scheduled Task List**

All User Scheduled Tasks

Create... Find: In: Name Go Export PDF Export Excel

Name ^Δ	Description ^Δ	Task Type ^Δ	Last Changed [∇]	Created By ^Δ	Next Run Time ^Δ
Report Results Cleanup	This task is responsible for periodically checking for expired report results to be deleted.	Report Results Cleanup Task		Enterprise Manager	10/13/10 10:47 AM (HKT)
Data Import Task as Company user	Data Upload Directory for ERP and SRM Master Data	Data Import Monitor	4/8/10 6:07 PM (HKT)	Reshma Varghese	10/13/10 10:18 AM (HKT)
Error Monitor iAPI Task	com.frictionless.sap.integration.ErrorMonitor	I-API Task Execution	3/21/10 10:02 AM (HKT)	Enterprise Manager	10/13/10 10:20 AM (HKT)

Create...

Then Create, the document type as "Data Import Monitor"

SAP E-Sourcing

Create

Create Scheduled Task

Select a document type:

Name	Description
<input type="radio"/> Report Execution Task	This task executes a report in the background
<input type="radio"/> Report Results Cleanup Task	This task performs periodic report results cleanup
<input checked="" type="radio"/> Data Import Monitor	This task will monitor a directory for new data uploads and automatically import the data
<input type="radio"/> I-API Task Execution	This task will execute any IapiTaskIfc implementation class

Create Cancel

Setup > [Scheduled Task List](#) > SRM CTR TO ESO MA

New Scheduled Task : SRM CTR TO ESO MA

Save Undo Duplicate

Scheduled Task

Inactive(Status)

Task Type: Data Import Monitor

* **Display Name:** SRM CTR TO ESO MA

Description: Import the SRM CTR into ESO to create the Master Agreement

* **Run As User:** . 大庆油田物资管理中心采购员 ...

Frequency: Custom Schedule

* **Start Date:** 10/13/10 12:00 am

Expiration Date: am

Period Type: Minutes

* **Period Length:** 1

Next Run Time:

Advanced Configuration Properties

Data Import Task Configuration

SAP E-Sourcing Workbench Setup Help RG

Spend and Compliance Enterprise Sourcing Contract Management Supplier Management XPress

Setup > [Scheduled Task List](#) > [SRM CTR TO ESO MA](#) > **Data Import Task Configuration**

Scheduled Task : SRM CTR TO ESO MA

Data Import Task Configuration : Data Import Task Configuration

Data Storage

* **Data Location:** Local Directory FTP

* **Upload Directory:** C:\esourcing\XI_Integration\Inbound\MA\upload

* **Queue Directory:** C:\esourcing\XI_Integration\Inbound\MA\queue

* **Archive Directory:** C:\esourcing\XI_Integration\Inbound\MA\archive

Note: These directories must already exist and be visible from the server on which the import service is active. If any of the directories does not exist, then the data will not be

Notification

* **Receipt Notice Type:** E-mail

* **Completion Notice Type:** E-mail

* **Notification User:** . 大庆油田物资管理中心采购员 ...

Notification E-mail: guo.li@sap.com

OK Cancel

Related Content

For more information, visit the [Supplier Relationship Management homepage](#)

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