



SAP Fieldglass 

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SAP Fieldglass and SAP Ariba Service Procurement Implementation

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1 Introduction

Tight workflow integration between SAP Fieldglass and SAP Ariba enables buyers to handle their services procurement processes in SAP Fieldglass.

Many customers who use SAP Fieldglass to manage their contingent labor and external services activity and spend can also use SAP Ariba to manage their services procurement. SAP Fieldglass and SAP Ariba are offerings within SAP's product suite, and as such, the need for seamless connectivity is imperative for customers to easily implement and configure integrations.

2 Add System Environment Variables for CIG IP Ranges

Prerequisites

An SAP Fieldglass technical consultant is required to maintain the system environment variables. A standard buyer/client user can't perform this setup. For more information, contact your SAP Fieldglass representative.

Context

Add CIG IP ranges for U.S. and E.U. servers.

3 Configure Certificates

Configure certificates to establish connectivity for the SAP Fieldglass and SAP Ariba integration.

Prerequisites

This task can be performed by a configuration manager user signed into the Configuration Manager.

For information on how to configure certificates, see Configure Certificates in the [Services Procurement Implementation Guide for SAP Fieldglass and SAP Business Network 4R2](#).

4 Enable Integration Connectors

Describes how to enable the required SAP Ariba integration connectors for a buyer company.

Prerequisites

The following task can be completed by an SAP Fieldglass configuration manager user signed into Configuration Manager.

Context

On the Self-Service Dashboard, choose the **Connector Wizard** button. For detailed information on enabling and editing integration connectors, see the Integration Tools section in the [SAP Fieldglass Configuration Manager Guide](#).

Procedure

Enable the following connectors and features:

1. **Ariba P2P Requisition XML Upload**
 - **Name:** Ariba P2P Requisition XML Upload
 - **Custom Connector Name:** Ariba P2P Requisition XML Upload
 - **Version:** API-V1.0
2. **Ariba PR Response Upload**
 - **Name:** Ariba PR Response Upload
 - **Custom Connector Name:** Ariba PR Response Upload
 - **Version:** API-V1.0
3. **Ariba Status XML Upload**
 - **Name:** Ariba Status XML Upload
 - **Custom Connector Name:** Ariba Status XML Upload
 - **Version:** API-V1.0
4. **Ariba Network Invoice Upload**
 - **Name:** Ariba Status XML Upload
 - **Custom Connector Name:** Ariba Status XML Upload
 - **Version:** API-V1.0
5. **Service Entry Sheet Status Upload**
 - **Name:** Service Entry Sheet Status Upload

- **Custom Connector Name:** Service Entry Sheet Status Upload
- **Version:** API-V1.0

5 Enable Event Driven Configurations

Describes how to enable Event Driven Configurations for modules using SAP Fieldglass workflows.

Context

Only users with Configuration Manager permissions can perform these tasks.

- The company configuration ► **Integration** ► **Ariba** ► **Include SES Attachments** ► must be enabled to allow attachments in the Service Entry Sheet (SES) payload.

Procedure

1. From the Configuration Manager Self-Service Dashboard, select **Event Driven Config**.
2. To add a new event-driven configuration, select **New** on the **Event-Driven Config List** page.
3. Select one of the valid modules from the **Module** drop-down menu.

Valid values:

- Event
- Expense Sheet
- Fee
- Schedule
- SOW Response
- SOW Revision Response
- Statement of Work
- Statement of Work Revision
- Time Sheet
- Work Order
- Work Order Revision

The **Event Driven Config Id** auto-populates with the company code, followed by the module name and a randomly generated ID number.

4. Enter the information for each module as described in the following Module Configuration Table:

Module Configuration Table

Module	event_driven_config_id	Activity	Transporter Class	Custom Script
Event	XXXX_EV_SES_PUSH	Approved	insite.webservices.outbound.SAPS4Transporter	SES_4R2_EVENT_PUS H
Expense Sheet	XXXX_ES_SES_PUSH	Approved	insite.webservices.outbound.SAPS4Transporter	SES_4R2_ES_PUSH
Fee	XXXX_FEE_SES_PUSH	Approved	insite.webservices.outbound.SAPS4Transporter	SES_4R2_FEE_PUSH
Schedule	XXXX_SH_SES_PUSH	Approved	insite.webservices.outbound.SAPS4Transporter	SES_4R2_SCHED- ULE_PUSH
SOW Response	XXXX_SOW_PUSH	Approved	insite.webservices.outbound.Ariba-CIGP2PTransporter	ARIBA_SOW_RESP_P USH
SOW Revision Response	XXXX_SOWR_PUSH	Approved	insite.webservices.outbound.Ariba-CIGP2PTransporter	ARIBA_SOWR_RESP_ PUSH
Time Sheet	XXXX_TS_SES_PUSH	Approved	insite.webservices.outbound.SAPS4Transporter	SES_4R2_TS_PUSH
Statement of Work	XXXX_SOW_CLOSE_P USH	Close, Reopen	insite.webservices.outbound.Ariba-CIGP2PTransporter	ARIBA_SOW_PUSH (close)
SOW Revision	XXXX_SOWR_CLOSE_ PUSH	Close, Reopen	insite.webservices.outbound.Ariba-CIGP2PTransporter	ARIBA_SOWR_PUSH (close)
Work Order	XXXX_WO_PUSH	Approved	insite.webservices.outbound.Ariba-CIGP2PTransporter	ARIBA_WO_PUSH
Work Order Revision	XXXX_WOR_PUSH	Approved	insite.webservices.outbound.Ariba-CIGP2PTransporter	ARIBA_WOR_PUSH
Work Order	XXXX_WO_CLOSE_P SH	Close, Reopen	insite.webservices.outbound.Ariba-CIGP2PTransporter	ARIBA_WO_PUSH
Work Order Revision	XXXX_WOR_CLOSE_P USH	Close, Reopen	insite.webservices.outbound.Ariba-CIGP2PTransporter	ARIBA_WOR_PUSH

6 Configure the SOW Template, SOW Type, and User Role

Configure a SOW template, SOW type, and user role for integration with SAP Ariba Services POs.

Context

This task can be performed by the Buyer's Admin.

Procedure

1. On the buyer's Administration Menu under **Services**, choose **SOW Template**.
 1. Choose the template used for this integration, and then choose **Edit**.
 2. Configure the following rules:

SOW Rule	Description	Value
Expand recurring Line Items prior to SOW Approval	This rule ensures the schedules are sent individually at the PR/PO payload.	Yes
Buyer can change line item cost allocation	This rule only shows up at the template level if the Company Configuration "Buyer can change line item cost allocation" is enabled.	Yes
SOW Worker Spend estimation based on number of positions and period	This rule only shows up if workers are enabled.	Yes
Use Rate Grid for SOW Workers on Statement of Work	Optional. Enable at the company configuration level to allow discounts on worker.	

2. On the buyer's Administration Menu under **Services**, choose **SOW Type**.
 1. Choose the SOW type used for this integration, and then choose **Edit**.
 2. Set the **Buyer Reference** field to **Lock**. Don't allow users to edit this field.
3. On the buyer's Administration Menu under **User**, choose **User Role**.
 1. Choose the user role used for this integration, and then choose **Edit**.
 2. In the **Statement of Work** section, clear the check box for **Edit Reference**.

7 Configure Ariba Punchout Accounts

Describes how to configure Punchout Accounts.

Prerequisites

Only users with Configuration Manager permissions can perform these tasks.

Context

A punchout account must be set up for each event-driven configuration based on its associated module.

Procedure

1. On the Configuration Manager Self-Service Dashboard page under **Configuration Tools**, choose **Event Driven Config**.

The **Event-Driven Config List** page opens.

2. Select the **Event Driven Config ID** you want to create a punchout account for.

The **Event Driven Config** page opens.

3. To add a new punchout account, select the **Create Punchout Account** button. If you're editing an existing punchout account, select the **Edit Punchout Account** button.

The **Create Punchout Account** page opens for new punchout accounts. The **Edit Punchout Account** page opens if editing an existing punchout account.

4. Enter the following values.

Note

We recommend that you set the punchout configuration **Amount format** to Unit Priced Base for the service PO process. This configuration ensures that the **<Quantity>** field is set to 1 and the **<Price>** field is set to the total amount of the line. SAP Ariba requires a quantity of one for limit lines.

Workflow	Quantity	Price	Total Amount
Service Order (option 1 in Punchout)	1	\$amount	\$amount

Workflow	Quantity	Price	Total Amount
Material Order (option 2 in Punchout)	\$amount	1	\$amount

Punchout Values

Punch-out_ac-count_id	Start Object	Change Object	Punchout Action Class	Lock Start Object?	Start Object Lock at Status	Approval Level to Push	Work Order Posting URL	Amount Format
Any Unique ID	Expense Sheet	Expense Sheet	in-site.web.cor e.AribaNet- workSES- WithTaxAc- tion	Yes	Pending Ap- proval	LAST		"1 - "Unit price-based (1 * com- mitted spend = committed spend)"
Any Unique ID	Time Sheet	Time Sheet	in-site.web.cor e.AribaNet- workSES- WithTaxAc- tion	Yes	Pending Ap- proval	LAST		"1 - "Unit price-based (1 * com- mitted spend = committed spend)"
Any Unique ID	Event	Event	in-site.web.cor e.AribaNet- workSES- WithTaxAc- tion	Yes	Pending Ap- proval	LAST		"1 - "Unit price-based (1 * com- mitted spend = committed spend)"
Any Unique ID	Fee	Fee	in-site.web.cor e.AribaNet- workSES- WithTaxAc- tion	Yes	Pending Ap- proval	LAST		"1 - "Unit price-based (1 * com- mitted spend = committed spend)"
Any Unique ID	Schedule	Schedule	in-site.web.cor e.AribaNet- workSES- WithTaxAc- tion	Yes	Pending Ap- proval	LAST		"1 - "Unit price-based (1 * com- mitted spend = committed spend)"

Punch-out_ac-count_id	Start Object	Change Object	Punchout Action Class	Lock Start Object?	Start Object Lock at Status	Approval Level to Push	Work Order Posting URL	Amount Format
Any Unique ID	SOW Response	SOW Response	in-site.web.cor e.AribaCl- GAction	Yes	Pending Ap- proval	LAST	https:// {(evn_name)}.fgvms.co m/SSOLO- gin?TAR- GET=com- pany%3dA RBT%3B% 3Bnext=%2 fpay_terms _re- quest.do%3 fta- bld%3dde- tails%26ref %3dpay_te rms_re- quest_de- tail%26id% 3d	"1 - "Unit price-based (1 * com- mitted spend = committed spend)"
Any Unique ID	Statement of Work	Statement of Work	in-site.web.cor e. AribaCl- GAction	Yes	Pending Ap- proval	LAST	https:// {(evn_name)}.fgvms.co m/SSOLO- gin?TAR- GET=com- pany%3dA RBT%3B% 3Bnext=%2 fpay_terms _re- quest.do%3 fta- bld%3dde- tails%26ref %3dpay_te rms_re- quest_de- tail%26id% 3d	"1 - "Unit price-based (1 * com- mitted spend = committed spend)"

Punch-out_account_id	Start Object	Change Object	Punchout Action Class	Lock Start Object?	Start Object Lock at Status	Approval Level to Push	Work Order Posting URL	Amount Format
Any Unique ID	Work Order	Work Order	in-site.web.cor e. AribaCl- GAction	Yes	Pending Ap- proval	LAST	https:// {(evn_name)}.fgvms.co m/SSOLO- gin?TAR- GET=com- pany%3dA RBT%3B% 3Bnext=%2 fwork_or- der_de- tail.do%3fid %3d	"1 - "Unit price-based (1 * com- mitted spend = committed spend)"

- When finished, choose **Add**.

The **Event Driven Config** page opens and, if a punchout account was added, a new **Punchout Account** tab displays in the table.

8 Configure Custom Fields and Internal References for Modules

Context

An SAP Fieldglass technical consultant is required to perform the internal reference setup. A standard buyer/client user can't perform this setup. For more information, contact your SAP Fieldglass representative.

9 Punchout CXML Extrinsic

Extrinsics are needed for the PR, PO, and SES payload to pass pieces of information that aren't part of the standard cXML. This can be either native fields or custom fields in SAP Fieldglass.

Context

An SAP Fieldglass technical representative is required to add an extrinsic file. For more information, contact your SAP Fieldglass representative to have a technical consultant run the **Punchout CXML Custom Field JSON Upload**.

10 Where to Go Next

Information about additional resources.

- For a step-by-step explanation of the information flow between SAP Fieldglass, SAP Ariba Buying and Invoicing, SAP Ariba Cloud Integration Gateway, and SAP Business Network, see [Information Flow Between SAP Ariba Buying and Invoicing, SAP Fieldglass, and SAP Business Network Through SAP Integration Suite, managed gateway for spend management and SAP Business Network](#).

ⓘ Note

If the link doesn't work, clear your browser cookies and try again.



- For more information on prerequisites, user interface changes, and workflow descriptions for auto-generating invoices from SES over SAP Business Network, see [Support Auto Generation of a Line Item Credit Memo from a Revised Service Entry Sheet for 42K and Commerce Automation](#).

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