



SAP Fieldglass 

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SAP Fieldglass

2023-08-17

SAP Fieldglass and SAP Ariba Contract Integration

Business Synopsis

1 SAP Fieldglass and SAP Ariba Contract Integration Business Synopsis

Overview of the SAP Fieldglass and SAP Ariba Contract Management integration.

Introduction

This document outlines the integration between the SAP Fieldglass Vendor Management System (VMS) and SAP Ariba Contract Management. The topics describe the high-level workflow and requirements for transferring contracts from the SAP Ariba Contract platform, into the SAP Fieldglass application.

SAP Ariba Contract and Contract Compliance integration allows SAP Fieldglass to import all required financial and master data of the contracts into a Statement of Work (SOW). Downloaded Ariba Master, Sub, and Standalone Agreement Contracts automatically create Master SOW (MSOW), Child SOW (CSOW), and regular SOW documents in SAP Fieldglass. Managers and owners of the contracts can smoothly operationalize them in SAP Fieldglass and maintain accumulation visibility in SAP Ariba Contracts.

The integration between SAP Fieldglass and SAP Ariba provides the following benefits:

- Provides easy identification of contracts created for integrating with SAP Fieldglass, which enables SAP Fieldglass to pull details of only the specific contracts and makes data processing more efficient.
- Facilitates a robust and secure mode of data transfer between SAP Fieldglass and SAP Ariba Contracts.
- Provides the ability to track the accumulation of spend in SAP Fieldglass against a contract in SAP Ariba Contracts without a subscription to SAP Ariba Contract Compliance (ACC).
- Provides a Main Agreement document to SAP Fieldglass that can be used for further reference.

2 SAP Ariba Contract Integration

Overview of the process to integrate SAP Ariba Contracts with SAP Fieldglass.

2.1 Prerequisites

The following items are required to enable integration between SAP Fieldglass and SAP Ariba Contracts.

1. Company plug-ins must be turned on for Integration – Ariba Contract Shell Upload.
2. The company configuration Allow Buyer Defined Sequence on SOW Line Items must be enabled to allow Line Item Number to be populated in `<buyer_defined_sequence_number>`.
3. You must have the SAP Procurement solution integrated with SAP Fieldglass. For more information, see [SAP Fieldglass and SAP Ariba Procurement Solutions Integration: Prerequisites](#).

2.2 Process Workflow

Learn about the procurement scenarios available with SAP Ariba Contract integration.

Overview

The integration workflow between SAP Fieldglass and SAP Ariba Contracts is very similar to the [Services Procurement with SAP Ariba Services POs](#) workflow. SAP Ariba Contracts adds an additional layer to the start and end of the process that's described here.

The implementation enables the following workflows:

- Creating a master agreement in SAP Ariba Contracts that generates SAP Fieldglass MSOWs
- Creating a sub agreement in SAP Ariba Contracts that generates an SAP Fieldglass CSOW
- Creating a stand-alone contract in SAP Ariba Contracts that generates an SAP Fieldglass SOW

Contracts that are created in SAP Ariba can also be amended or revised through subsequent API calls provided the `<amendmentType>` field is not set to Termination.

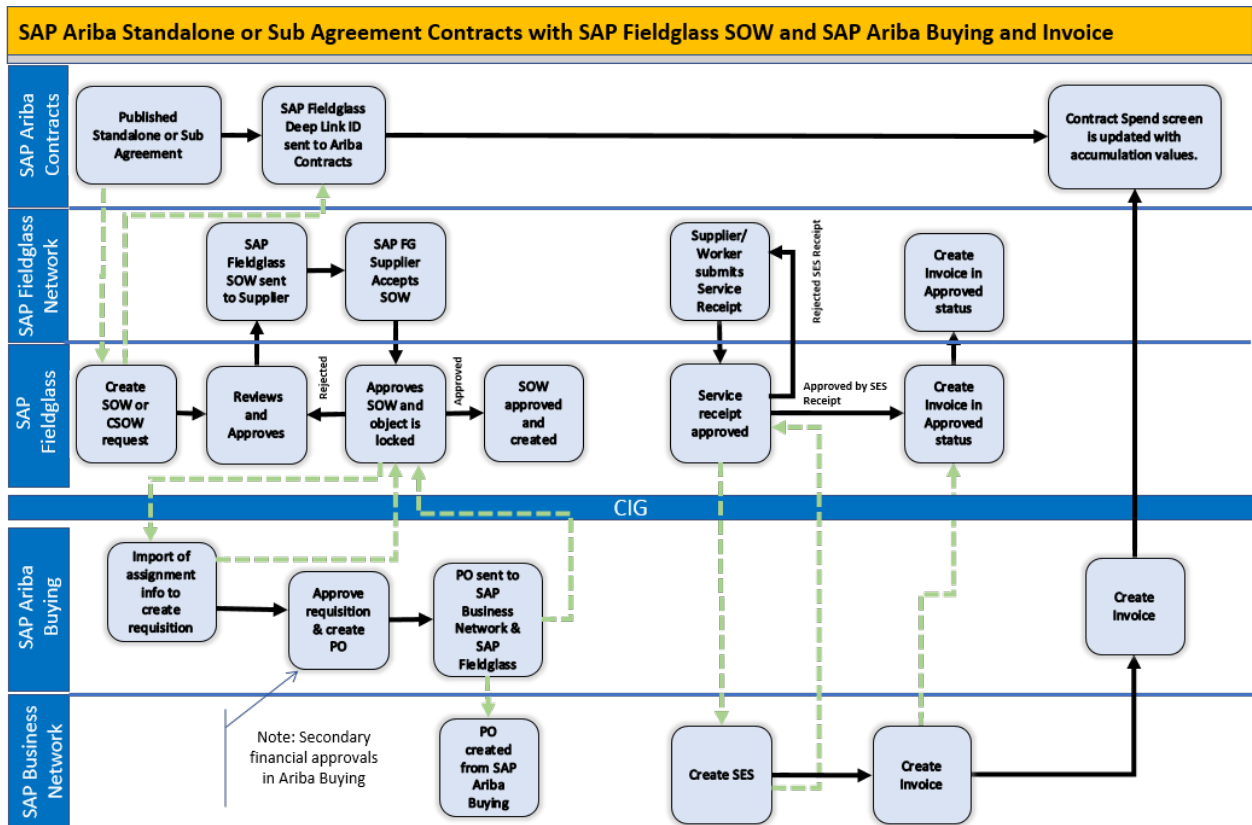
2.2.1 SAP Ariba Standalone and Sub Agreement Contracts with SAP Ariba Buying and Invoicing

Describes the process flow for integrating SAP Ariba standalone and sub agreements with SAP Fieldglass SOWs that include the SAP Ariba buying and invoicing.

As part of this feature, SAP Fieldglass polls SAP Ariba Contracts for new or modified contracts. When a Standalone or Sub Agreement is published in SAP Ariba that information is passed to SAP Fieldglass to create a standalone Statement of Work (SOW) or Child Statement of Work (CSWO). This in turn creates a service PO for invoicing through SAP Integration Suite, the managed gateway for spend management and SAP Business Network.

After the Service Entry Sheet (SES) is submitted in SAP Fieldglass, the service requisition is posted to SAP Business Network and SAP Ariba Buying and Invoicing. An invoice gets created in SAP Business Network from the SES record and reconciled in SAP Ariba Buying and Invoicing. The corresponding statuses are sent to SAP Fieldglass via SAP Integration Suite, the managed gateway for spend management and SAP Business Network.

The following graphic illustrates the integration workflow.



1. Create a standalone or sub agreement in SAP Ariba Contracts.
2. Poll SAP Ariba for new or changed contracts using Ariba Contracts API.
3. Create a standalone SOW/CSOW request in SAP Fieldglass.
 1. Update SAP Ariba Contracts with SAP Fieldglass SOW/CSOW ID using the Ariba Contracts API.
 2. Create an SOW/CSOW with buyer user.
 3. The buyer user/users review and approve the SOW/CSOW until it gets to the last level of approval.
 4. SOW/CSOW sent to supplier for approval/acceptance.

5. SOW/CSOW is locked because of the punchout account and it's pushed to SAP Ariba Buying.
4. PR is created in SAP Ariba Buying, which sends back the PR number and status information on the following upload:
 1. Ariba PR Response Upload connector.
 2. The SOW/CSOW is still locked in SAP Fieldglass until the PO information is received.
5. PO is created in SAP Ariba Buying and the PO information is sent back to SAP Fieldglass.
 1. Ariba P2P Requisition XML Upload connector.
 2. The PO number in the SOW/CSOW is updated and approved. The SOW/CSOW is now in 'Approved' status in SAP Fieldglass.
6. Supplier Submits SES (Fee, Event, Schedule).
 1. SES is approved and sent to SAP Business Network on the last level of approval.
7. Once the SES is created and approved in SAP Ariba, SAP Fieldglass receives back from SAP Business Network confirmation the SES was approved through 'Service Entry Sheet Status Upload' connector.
 1. It also approves the SES and auto-generates an invoice in SAP Fieldglass in 'Approved' status.
8. Once the invoice is created and approved in SAP Business Network, SAP Fieldglass receives back a confirmation through the 'Ariba Network Invoice Upload' connector to update the custom fields.
9. SAP Ariba Buying processes the invoice and updates SAP Ariba Contracts with the accumulation values.

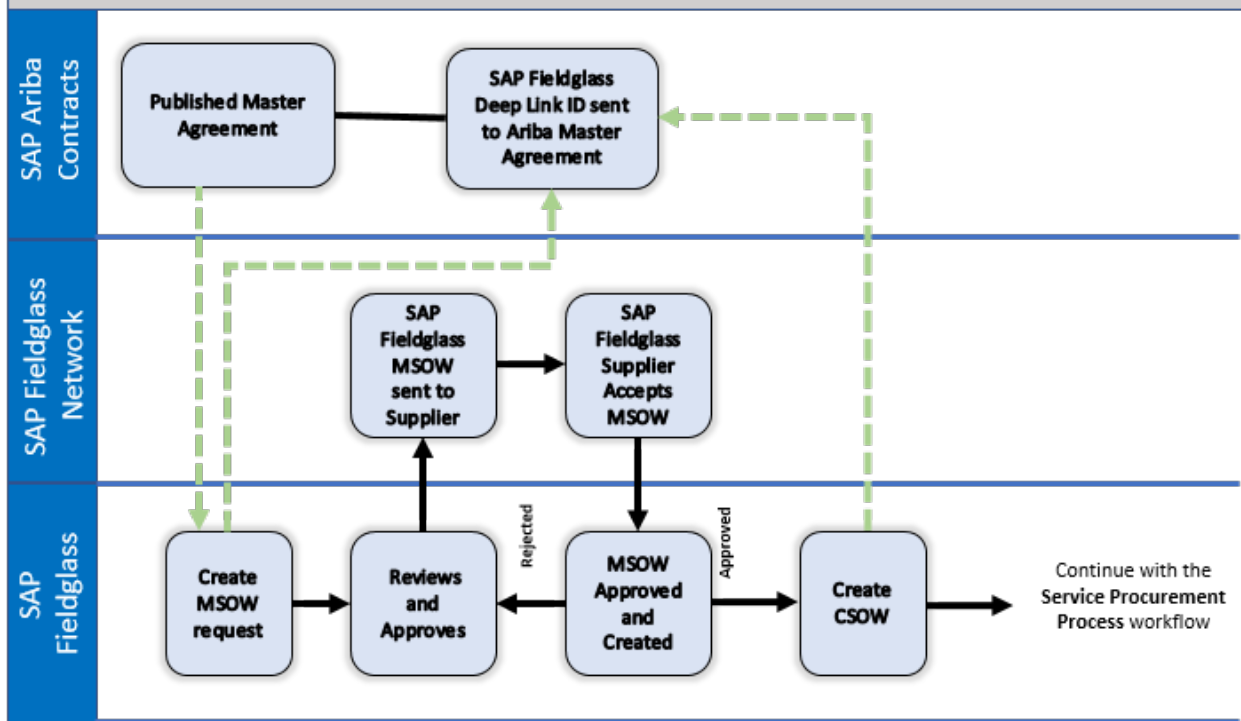
2.2.2 SAP Ariba Master Agreement with SAP Fieldglass MSOW and CSOW

Describes the process of creating MSOW and CSOWs from an SAP Ariba Master Agreement.

This workflow begins with creating a Master Agreement in SAP Ariba Contracts and ends with updating the Master Agreement with the SAP Fieldglass child statement of work (CSOW) ID. This workflow represents the differences from the [Services Procurement with SAP Ariba Services POs](#) workflow.

The following graphic illustrates the integration workflow.

SAP Ariba Master Agreement with SAP Fieldglass MSOW and CSOW



SAP Ariba
Network

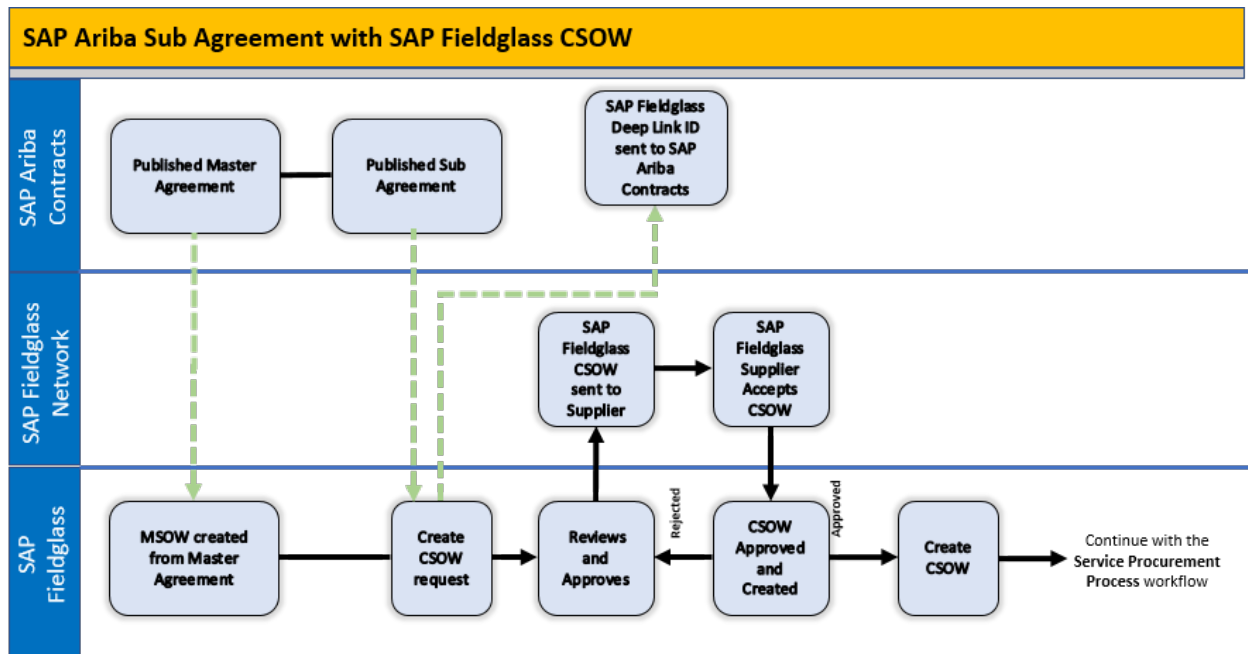
1. Create master agreement in SAP Ariba Contracts.
2. SAP Fieldglass polls SAP Ariba for new or changed contracts using Ariba Contracts API.
3. Create MSOW request in SAP Fieldglass.
 1. Update SAP Ariba Contracts master agreement with SAP Fieldglass MSOW ID using the Ariba Contracts API.
 2. Create an MSOW with buyer user.
 3. The buyer user/users review and approve the MSOW until it gets to the last level of approval.
 4. MSOW sent to supplier for approval/acceptance.
 5. MSOW is approved and created.
4. CSOW created in SAP Fieldglass.
5. Update SAP Ariba Contracts master agreement with SAP Fieldglass CSOW ID using the Ariba Contracts API.
6. Finish the [Services Procurement with SAP Ariba Services POs](#) process.

2.2.3 SAP Ariba Sub Agreement with SAP Fieldglass CSOW

Describes the process of creating MSOW and CSOWs from an SAP Ariba Master Agreement and Sub Agreement.

This workflow begins with creating a Master Agreement and Sub Agreement in SAP Ariba Contracts and ends with creating an SAP Fieldglass child statement of work (CSOW). This workflow represents the differences from the [Services Procurement with SAP Ariba Services POs](#) workflow.

The following graphic illustrates the integration workflow.



SAP Ariba
Network

1. Create master agreement in SAP Ariba Contracts.
2. SAP Fieldglass polls SAP Ariba for new or changed master agreement contracts using Ariba Contracts API.
3. Create sub agreement in SAP Ariba Contracts.
4. SAP Fieldglass polls SAP Ariba for new or changed sub agreement contracts using Ariba Contracts API.
5. Create CSOW request in SAP Fieldglass.
 1. Update SAP Ariba Contracts master agreement with SAP Fieldglass CSOW ID using the Ariba Contracts API.
 2. Create a CSOW with buyer user.
 3. The buyer user/users review and approve the CSOW until it gets to the last level of approval.
 4. CSOW sent to supplier for approval/acceptance.
 5. CSOW is approved and created.
6. CSOW created in SAP Fieldglass.
7. Finish the [Services Procurement with SAP Ariba Services POs](#) process.

2.3 Integration Summary

Provides a summary of the integration points between SAP Ariba and SAP Fieldglass.

Integration Interfaces

Interface Name	Activity Name	Type/Version	Format	Frequency (Pacific)	Event Trigger (End Point)
Retrieve Oauth Token	POST	REST	JSON	Scheduled	<i>{authentication URL}/v2/oauth/token</i>
Download Contract Workspace ID	GET	REST	JSON	Scheduled	GET /contractWorkspaces/{contractId}
Download Contract Terms	GET	REST	JSON	Scheduled	GET /contractWorkspaces/{contractId}/contractTerms
Download Project Documents	GET	REST	JSON	Scheduled	GET /projectDocuments
Ariba Contracts (CLID)	GET	REST	JSON	Scheduled	GET /contractWorkspaces
Ariba Contract Shell Upload	SAP Fieldglass Upload	SOAP	CSV (.zip)	Scheduled	Contract returned from Ariba (ID#2) Standard Ariba Contract Upload Connector
Contract Workspace Upload	POST	REST	JSON	Scheduled	PATCH /contractWorkspaces

For information on the download project document resources, see https://api.sap.com/api/retrieve_project_document/resource/Project_Documents_Resource.

For information on contract compliance, see https://api.sap.com/api/contract_compliance/resource/Contract_Compliance_API.

3 Business Requirements and Assumptions

Considerations for integration between SAP Fieldglass and SAP Ariba Contracts.

The following considerations apply to importing SAP Ariba Contracts into SAP Fieldglass:

- SAP Ariba APIs enhance the integration between SAP Fieldglass and SAP Ariba Contracts. The APIs make the integration process more efficient and allow a greater flow of information between the two applications.
- SAP Fieldglass uses the new APIs to pull and search SAP Ariba for new or revised contracts. If found, subsequent calls retrieve the contract data, terms, line items, and documentation used to create or revise an MSOW or SOW in SAP Fieldglass.
- The APIs streamline the process, only sending SAP Fieldglass-specific contract information, eliminating the need for SAP Fieldglass to find the relevant contracts for its system. They also enable better communication between the systems, keeping contracts and MSOWs or SOWs in sync.
- Master Agreements exist in SAP Ariba Contract Management.
 - Collaborative efforts needing SAP Fieldglass support are exported to SAP Fieldglass.
- Release (Planned) and No Release (Unplanned) contracts are both supported.
 - CID only distributed when released contract is available.
- All upstream contracts are supplier level.
- Single-Line Services only are supported. Hierarchical services aren't supported.

4 Where to Go Next

Additional resource information.

Integration with REST APIs

For information on the SAP Ariba contract specifications related to this integration, see [SC-16976 : Integrating SAP Ariba Contracts with SAP Fieldglass](#).



For information on setting up the implementation between SAP Fieldglass and SAP Ariba Contracts, see [Implementation Guide for SAP Fieldglass and SAP Ariba Contract Integration](#).

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