



Feature at a Glance

SAP Ariba Contracts and SAP Fieldglass integration

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CONFIDENTIAL

Feature at a Glance

Ease of implementation  Some complexity
Geographic relevance  Global

Introducing: SAP Ariba Contracts and SAP Fieldglass integration

Customer challenge

Customers that manage the contract creation process in SAP Ariba while managing the services procurement process in SAP Fieldglass needed an efficient way of exchanging the information across the two solutions.

Meet that challenge with SAP Ariba

This feature allows contract users to use an integrated workflow between SAP Ariba Contracts and SAP Fieldglass wherein contract workspace and terms created in SAP Ariba Contracts will flow into SAP Fieldglass for SOW creation. The Master SOW and its child SOWs thus inherit the metadata and terms information from SAP Ariba Contracts.

This feature also complements the existing integrations between SAP Fieldglass and SAP Ariba Buying and Invoicing to create end to end process flow across the solutions.

Experience key benefits

This feature allows contract users to use the workflow integration between SAP Ariba Contracts and SAP Fieldglass to handle their contract management and service procurement process in SAP Fieldglass while the contract workspace and contract terms creation occurs in the SAP Ariba Contracts solution.

Solution area

SAP Ariba Contracts
SAP Ariba Strategic Sourcing Suite

Implementation information

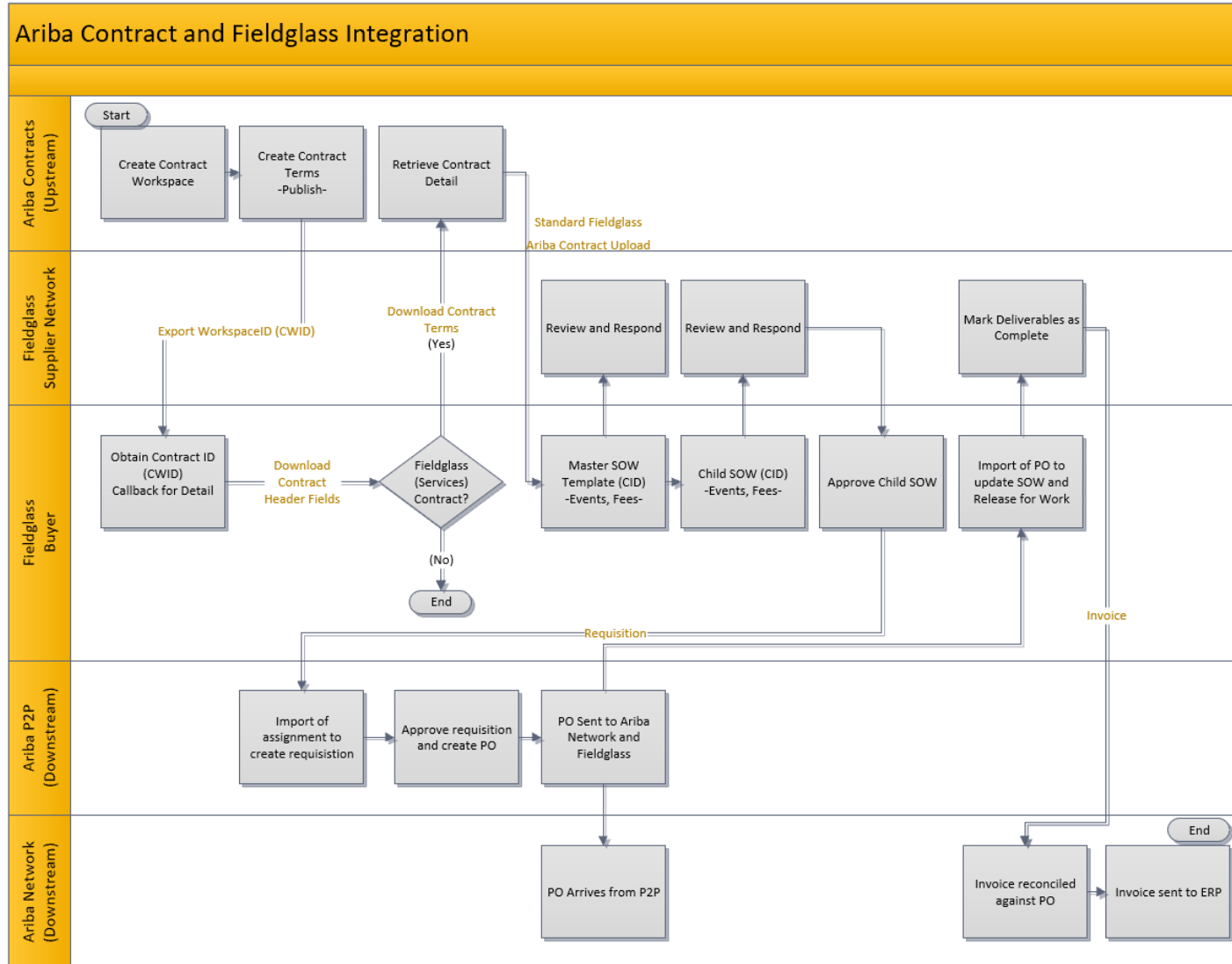
This feature is automatically on for all customers with the applicable solutions but requires **customer configuration**.

Prerequisites and Restrictions

CUP-18593 - [Fieldglass] Have the Downstream Contract ID in the CLID Exports should be enabled.

SAP Ariba Contracts and SAP Fieldglass integration

End to end integration flow between SAP Ariba and SAP Fieldglass



The following diagram lists the end-to-end flow of information across SAP Ariba Contracts, SAP Fieldglass, SAP Ariba Buying, and Ariba Network*

The process for SAP Ariba Contracts integration with SAP Fieldglass is as follows

- Contracts Workspace and Terms are created in SAP Ariba Contracts and then pushed to the SAP Fieldglass application as Master SOW.
- Supplemental contract content is created as child SOWs within SAP Fieldglass.
- Line item detail captured from SAP Ariba Contracts allows sub-services to be handled in SAP Fieldglass.

The scope of this Feature at a Glance document only includes the integration of SAP Ariba Contracts Workspace ID, metadata and terms information with SAP Fieldglass. Please refer to existing documentation for information on integration flows between SAP Fieldglass with SAP Ariba Buying and Invoicing, and SAP Ariba Network

SAP Ariba Contracts and SAP Fieldglass integration

Integration workflow between SAP Ariba Contracts and SAP Fieldglass during the contract creation process

1. In SAP Ariba Contracts, a contracts user creates a contract workspace and contract terms
2. The contracts user publishes the contract terms. The Contracts Line Item Excel and webservice exports to SAP Fieldglass include the contract IDs from the operational procurement system
3. The **Download Contract Header Fields** webservice is used to parse the custom contract header fields to determine whether SAP Fieldglass can service the contract. If the custom field configuration contains the value of Fieldglass Services Contract, then SAP Fieldglass can service the contract
4. If the custom contract header fields indicate that SAP Fieldglass can service the contract, the contracts user uses the **Download Contract Terms** webservice to retrieve contract details from SAP Ariba Contracts
5. The SOW is created in SAP Fieldglass and follows approval routing to the supplier

SAP Ariba Contracts and SAP Fieldglass integration

Contract Workspace set up in SAP Ariba for integration with SAP Fieldglass

Create a contract workspace in SAP Ariba Contracts

- Supplier must exist in both Ariba and Fieldglass
- Enter the contract amount
- Contract Type must be “Fieldglass”

The screenshot displays the SAP Ariba Contract Workspace setup form. The form is divided into several sections:

- Contract Details:** Name (IT Consulting Services v1), Description (.....), Related ID, Copy from Contract (no value), Test Project (No), Base Language (English), Hierarchical Type (Stand-alone Agreement).
- Supplier and Parties:** Supplier (Jen Services), Affected Parties (Jen Services).
- Contract Amount:** Proposed Contract Amount, Contract Amount (USD).
- Commodity and Regions:** Commodity (no value), Regions (no value).
- Predecessor Project:** Predecessor Project (no value).
- Contract Type:** Contract_Type (Fieldglass).
- External System Integration:** External System (no value).
- Agreement Dates:** Agreement Date, Term Type (Fixed), Effective Date (11/01/2019), Expiration Date.

Key fields highlighted with blue dashed boxes include: Supplier (Jen Services), Contract Amount, and Contract_Type (Fieldglass).

SAP Ariba Contracts and SAP Fieldglass integration

Contract Workspace set up in SAP Ariba for integration with SAP Fieldglass

Create a Line Item document within the SAP Ariba Contracts Workspace that contains items to be passed on from SAP Ariba and appear as catalog rate definitions in the Master SOW in SAP Fieldglass

The screenshot displays the SAP Ariba Contracts Workspace interface. At the top, the SAP logo is visible on the left, and user icons (print, chat, help, GH) are on the right. The document title 'Development Hours' is shown, along with 'Save as Draft' and 'Publish' buttons. Below the title, a message states: 'This is a draft of the document. Changes to its content are not available to other users until it is published. Click Save as Draft to save the draft; you can continue editing it later. Click Publish to make any changes permanent.'

The 'All Content' section features a table with the following columns: Name, Price, Quantity, and Extended Price. A single line item is present, highlighted with a dashed blue border:

Name *	Price	Quantity	Extended Price
<input type="checkbox"/> Development Hours *	\$100.00 USD	* 20 each	\$2,000.00 USD Fx

Below the table, there are buttons for 'Add', 'Edit', 'Delete', and 'Excel Import'. A note at the bottom right of the table area states: '(*) indicates a required field'. At the bottom of the interface, 'Save as Draft' and 'Publish' buttons are visible.

SAP Ariba Contracts and SAP Fieldglass integration

Contract Workspace set up in SAP Ariba for integration with SAP Fieldglass

Create a contract terms document in SAP Ariba Contracts

- Enter the following into Definitions:
 - Contract Type = Supplier Level
 - Company Code
 - Purch Org
 - Do non-catalog items accumulate against contract? = Yes
- The following is entered into Limits:
 - Maximum Limit = Contract Amount

The screenshot displays the SAP Ariba Contracts workspace configuration. On the left, a navigation pane shows steps 5 through 8: Access Control, Payment Terms, Appendixes, and Summary. The main content area is divided into two sections: Definitions and Limits.

Definitions Section:

- Contract Type: **Supplier Level** (highlighted with a dashed blue box)
- Is Blanket Purchase Order: Yes No
- Hierarchical Type: Standalone Agreement
- Effective Date: * Fri, 1 Nov, 2019
- Expiration Date: Sun, 1 Nov, 2020
- Evergreen: No ⓘ
- Purch Org: 3000 (Best Run USA) ⓘ
- Company Code: 3000 (BestRun USA) ⓘ
- Vendor: * 000009089 (Jen Services)
- Supplier Location: Jen Services Location [select]
- Release Required: Yes No ⓘ
- Allow change orders against closed contract? Yes No ⓘ
- Apply discount terms to non-catalog items? Yes No ⓘ
- Do non-catalog items accumulate against contract? Yes No ⓘ (highlighted with a dashed blue box)

Limits Section:

- Minimum Commitment:**
 - Minimum Commitment applies to the entire contract. Notifications are sent when the amount spent on the contract reaches the minimum commitment.
 - Minimum Commitment: [] USD ⓘ
 - If Amount Spent is below: 0% ⓘ
 - Send notification: 0 days before the contract expires
- Maximum Limit:**
 - Maximum Limit applies to the entire contract. Notifications are sent when the remaining amount available reaches the maximum limit.
 - Maximum Limit: **100000** USD ⓘ (highlighted with a dashed blue box)
 - Tolerance: 0% ⓘ
 - Is Hard Maximum Limit: Yes No
 - Send notification when Amount Available is at or below: 0%

SAP Ariba Contracts and SAP Fieldglass integration

Contract Workspace set up in SAP Ariba for integration with SAP Fieldglass

Publish the line items and the terms documents.

The screenshot shows the SAP Ariba interface for a Contract Workspace. The main header displays the contract name 'IT Consulting Services v2' and its ID 'CW6762'. Below the header, there are tabs for 'Overview', 'Documents', 'Tasks', 'Team', 'Message Board', and 'History'. The 'Documents' tab is active, showing a table of documents. The table has columns for Name, Owner, and Status. Two documents are listed: 'IT Consulting Services v2' (status: Activating) and 'Development Hours' (status: Published), both owned by 'Gene Halas'. A 'Show Details' button and an 'Actions' dropdown menu are visible to the right of the table. On the left side, there is a 'Related Knowledge' sidebar with options to 'Expand Projects', 'All Knowledge Areas', and 'Search Knowledge'.

Name	Owner	Status
IT Consulting Services v2	Gene Halas	Activating
Development Hours	Gene Halas	Published

SAP Ariba Contracts and SAP Fieldglass integration

Receiving the SAP Ariba Contracts information in SAP Fieldglass

Upon publishing, the SAP Ariba Contracts information such as ID, Metadata, and terms information is passed in to SAP Fieldglass and a Master SOW in is created in draft status.

The screenshot displays the SAP Fieldglass interface for a Master Service Request. The top navigation bar includes Home, View, Create, and Analytics. The user is identified as Tara Merkle - Requestor | ARTC. The main header shows the Service Requests List and a search option. The specific request is titled 'IT Consulting Services v1' with ID ARTCTQ00002646 and is in a 'Draft' status for the period 10/31/2019 to 10/31/2020, supplied by Jen Services. The interface is divided into several sections: Summary, Details, Payment Line Items, Approvals / Audit Trail, and Related. The 'Details' section is expanded, showing 'Service Request' information and 'Accounting' data. A table of Accounting (USD) data is visible, with 'Maximum Budget' highlighted. The 'Service Request Details' section provides further information on buyer and supplier references, master service request status, and classification.

Accounting (USD)	Maximum Budget	100,000 USD	Actual Spend
Maximum Budget	100,000.00		
Cost Allocation	%	Amount (USD)	
0000002300	100.000	100,000.00	
Total	100.000	100,000.00	
Task Code		Service Delivery	

Service Request Details	
Buyer Reference	CW6756
Supplier Reference	
Master Service Request?	Yes
Child Service Request creation	Prevent when Master Service Request Maximum Budget is Exceeded
Classification / Category	IT Consulting Services
Site	3200
Location	3200
Business Unit	ARTC2
Description:	-
Defined By	Buyer

Ariba CID	C173
Customer GL	12345
Purchase Org	3000 Sample Purchase Org
Purchase Group	100 Sample Purchase Group
Ship To	3200 3200
Bill To	3200 3200

SAP Ariba Contracts and SAP Fieldglass integration

Receiving the SAP Ariba Contracts information in SAP Fieldglass

The Line Items from SAP Ariba Contracts are received as Catalog Rate Definitions within the SAP Fieldglass Master SOW. Child SOWs created from the Master SOW also inherit the rates, budgets and other attributes from the original SAP Ariba Contracts workspace

Payment Line Items

Group By: None ▼ Items Found: 1 Rows: 10 ▼

From: 10/31/2019 📅 to 10/31/2020 📅 Type: All Deliverable / Milestone Recurring Schedule Catalog Rate Definitions Catalog Rate Payments KPI [Apply Filters](#)

Status	Type	Line Item ID	Name	Due On ▲	Submitted	Requested Amount (USD)	Submitted Amount (USD)
All ▼	All ▼	<input type="text" value="Enter Criteria"/>	<input type="text" value="Enter Criteria"/>				
-	Catalog Rate Definition	-	251373857 Development Hours <small>251373857 Development Hours</small>		11/25/2019	-	-

[↓ Save as CSV](#)

SAP Ariba Contracts and SAP Fieldglass integration

Contract Integration Connector Specifications

Export Workspace ID

This service is a real-time integration that will push the CWID (contract ID) from SAP Ariba to SAP Fieldglass when the contracts is published in SAP Ariba Contracts

Download Contract Header Fields

This real-time integration will push the Contract Header fields for one or more contract workspaces from SAP Ariba in to SAP Fieldglass. The connector will search for the value Fieldglass in the cus_ContractType field, and if found, it will proceed to step 3. If not found, then it will be ignored.

Download Contract Terms (Request)

This connector is the callback integration that will retrieve the Request Contract Terms CSV detail based on the CWID received.

Use the Download Contract Terms web service to download the Contract Terms document. This document is integrated with SAP Ariba Procurement and Invoice Solutions.

The Download Contract Terms web service receives the ContractTermsDownloadsRequest messages and returns the ContractTermsDownloadReply responses.

SAP Fieldglass will receive a base-64 encoded ZIP file containing the Contract Terms file in CSV format

For specification details, see the SAP Ariba SOAP Web Service API Integration Guide and the release documentation

SAP Ariba Contracts and SAP Fieldglass integration

Prerequisites

- The Standard Ariba Contract Upload connector must be enabled in SAP Fieldglass
- Web Services must be enabled in SAP Ariba and SAP Fieldglass
- SAP Fieldglass sends information to SAP Ariba solutions through a web service integration event using Simple Object Access Protocol (SOAP) documents. The documents include supplier ID information for each line item. The supplier IDs are used to find matching suppliers in the SAP Ariba solution. Typically, the supplier's Ariba Network ID is used for this purpose. In the SOAP document, this ID is in the *SupplierANId* field, so this field must be configured
- The contract terms must be created. SAP Fieldglass receives a base-64 encoded ZIP file containing the Contract Terms file in CSV format
- To use the integration between SAP Ariba Contracts and SAP Fieldglass, you must have at least one line item in your contract workspace. In your contract workspace, navigate to the *Document* section and select *Actions > Create > Line item document*, create an item inside it with a commodity and save it as a draft, create a Contract Term, and then publish the line item document and the contract term
- The contract header terms must be created
- The Supplier ANID must be enabled.