



Support for the Services Procurement with Ariba Network and SAP Fieldglass (4R2) integration scenario with SAP S/4HANA Cloud

Andy Rubinson, SAP Ariba Target GA: May 2021

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Introducing: Support for the Services Procurement with Ariba Network and SAP Fieldglass (4R2) integration scenario with SAP S/4HANA Cloud

Customer challenge

Customers use a variety of SAP Procurement solutions, including SAP S/4HANA Cloud, Ariba Network, and SAP Fieldglass for managing their services procurement activities, but haven't been able to leverage their capabilities across the solutions without manual intervention, resulting in process inefficiencies and greater opportunity for errors and compliance issues.

Solution area

SAP S/4HANA Cloud (Procurement) Ariba Network SAP Fieldglass

Meet that challenge with SAP Ariba

Support for the Services Procurement with Ariba Network and SAP Fieldglass (4R2) integration scenario with SAP S/4HANA Cloud uses Cloud Integration Gateway to connect the three products, providing a seamless flow from purchase order in SAP S/4HANA Cloud Procurement to purchase order confirmation via Ariba Network, and SOW creation, proof-of-service, and service entry sheets (SES) in SAP Fieldglass. This integration continues across the 3 products, addressing invoice processing and payment handling steps in the appropriate places.

Implementation information

This feature is automatically on for all customers with the applicable solutions but requires customer configuration in SAP S/4HANA Cloud, Ariba Network, and SAP Fieldglass. See *Setting Up Service Procurement with Ariba Network and SAP Fieldglass* (4R2) in SAP Help Portal.

Experience key benefits

The automation of purchase order to invoice processing in Ariba Network and SAP Fieldglass integration via Cloud Integration Gateway enables seamless connection from SAP S/4HANA Cloud to suppliers in Ariba Network and SAP Fieldglass. Digitized collaboration with suppliers in Ariba Network and SAP Fieldglass speeds up procurement processes, reducing the number of manual process steps, reducing errors, increasing productivity of procurement and accounts payable staff, reduced cost of supplier transactions, improved compliance and decreased inquiries about payments from suppliers.

Prerequisites and Restrictions

The full list of restrictions can be found at the bottom of the Service Procurement with Ariba Network and SAP Fieldglass (4R2) page in the <u>SAP S/4HANA</u> <u>Cloud Connected with SAP Fieldglass</u> documentation found in the SAP Help Portal.

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Cross-Product Process Flow

Starting with the creation of the purchase order for services, launching from different possible options displayed below, the process flow provides an illustration of the integrations enabled by this new cross-solution capability supporting SAP's Intelligent Enterprise Suite (IES) strategy. The integration provides connectivity between SAP S/4HANA Procurement, Ariba Network, and SAP Fieldglass, automating the flow of data between the solutions.



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Create Purchase Order



The above launch options for PO creation lead to a PO record in SAP S/4HANA Cloud that initiates the Service Procurement 4R2 Flow

- Purchase Order 4500038587 is created and item 10 is selected for "oil field services 1".
- This supplier has an Ariba Network ID and is registered on Ariba Network. Thus the Purchase Order is sent to Ariba Network.

4500038587 Standard PO				
Status Follow-On Documer	Purchase Order Date	Net Value 1.050,00 EUR		
General Information Items Limit Items	Delivery and Invoice Supplier	Contact Data Product Compliance	Notes Output Management	Attachments Approval Details
0.000				
Basic Data Purchasing Doc. Type: Standard PO (NB) Supplier:	Items Purchase Order Items (2)			Organization
Basic Data Purchasing Doc. Type: Standard PO (NB) Supplier: Inlandslieferant DE (ARB FG Integra (10300091)	Items Purchase Order Items (2) Item Item Category 10 Standard Net Order Value: 500,00 EUR Status: Status	Material	Short Text oil field services 1	Organization Material Group Services (P001)

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Order confirmation in Ariba Network for the Purchase Order

- Going to Ariba Network supplier portal, the same Purchase Order number is listed.
- This supplier has an Ariba Network ID and is registered on Ariba Network. Thus the Purchase Order is sent to Ariba Network.
- Purchase Order 4500038587
 now appears in Ariba Network
- The Purchase Order must be fully confirmed in Ariba Network before proceeding in SAP Fieldglass.

Orders, Invoic	es and Payments					All Customers 🗸	Last 14 days 👻
100+ Orders to Invoice	1 Orders that Need Attention	4 Invoices Rejected	57 New Purch Orders	ase M	ore		
Order Number	Customer	\$	Status	Amount	Date ↓	Amount Invoiced	Action
4500038587	Ariba Network has the information on file. You to update your compa your company profile a	following company u may use this section ny's account. Review and update as needed.	Partially Invoiced	1,050.00 EUR	12 Mar 2021	550.00 EUR	Select 🕶
							View All

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Verify Order Confirmation in SAP Fieldglass - Buyer



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Verify Order Confirmation in SAP Fieldglass - Buyer

- Buyer goes into SAP Fieldglass to search for Purchase Order.
- The search returns the SOW created when AN sent the confirmed Purchase Order. The SOW Name is the Purchase Order number.

000038087		Search Tips	
kt Search: Type word o	r phrase. ID Search:	Type a reference number such as JP123, JS008, WO567.)	
ilters	Select All	4500038587	
Procurements V		DLABTQ00000455 STATEMENT OF WORK Approved Description Period Type Reference	
		Services PO 03/12/2021 - 03/12/2021 DLAB 4500038587 (Buyer) Supplier Business Unit Classification Inlandslieferant DE (ARB FG Integration) - 10300091 Purch. Org. 1010 (1010) AribaNetworkClassification Go to Metails Output Output Output	

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Verify Order Confirmation in SAP Fieldglass - Buyer

Buyer goes into SAP Fieldglass to search for Purchase Order. The search returns the SOW created	4	45000 DLABTQ0	3858 000045	7 5 S DLAB						Actions 🗸	
when AN sent the confirmed		All F	ee Defin	itions Fee Payment	s						
Purchase Order. The SOW Name is the Purchase Order number.		Status		Туре	Line Item ID	Revision	Name	Due On	Submitted	Requested Amount (EUR)	Submitted Amount (EUR)
		All	~	All 🗸	Enter Criteria		Enter Criteria				
The 2 line items "oil field service 1"				Fee Definition		0	oil field service 2		03/12/2021	550.00	
and "oil field service 2" listed as Fee Definition.		<u>↓</u> <u>Save</u>	as CSV	Fee Definition		0	oil field services 1		03/12/2021	500.00	

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Verify Order Confirmation in SAP Fieldglass - Seller

 Seller goes into SAP Fieldglass to search for Purchase Order.



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Verify Order Confirmation in SAP Fieldglass - Seller

- Seller goes into SAP Fieldglass to search for Purchase Order.
- The search returns the SOW created when AN sent the confirmed Purchase Order. The SOW Name is the Purchase Order number.

Keyword								Search	
4500038587				Sea	arch Tips				
Text Search: Type wor	rd or phrase. ID Search:	Type a reference num	ber such as JP123, JS008,	WO567.)					
Filters	Select All	4500038587							
$_{\rm Procurements} \lor$		DLABTQ00000	0455 STATEMENT OF WOR	K					
People 🗸									
•		Approved	Period	Type	Reference	Buver	Business Unit		
		Services PO	03/12/2021 - 03/12/2021	DLAB	4500038587 (Buyer)	DLAB	Purch. Org. 1010 (1010)		
		Classification							
		AribaNetworkCla	assification						
		Go to Details							
									ľ
									I.

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Seller creates Fee Characteristic in SAP Fieldglass

- Seller creates fee by
 - entering date
 - selecting auto invoice option (selecting No means the invoice will be created in AN manually)
 - selects "Add Fee"
 - selects line item
 - enters number of units
 - rate is already defined in SOW.

SAP Fieldglass Bela Mode	Search by ID or text 🔍 😳 🚰 💭 🕐 MR	
🎢 Home 🔀 View 🛱 Create 🎬 Analytics	Raikar, Meenal 0010	Statement of Work Period Buyer
		4500038587 (DLABTQ00000455) 03/12/2021 to 03/12/2021 DLAB
4500038587 DLABTQ00000455 S DLAB Status Period Buyer	Actions V 🗐 🚖 Create Fee 🕅 Add Fee	Details
Details Manage Characteristics SOW Workers Related	Copy Fee Add SOW Worker Q	03/12/2021
Summary	Submit Existing Workforce Add Active SOW Worker.	Auto Invoice *
Items Fees	Print Amount (EUR) 550.00	Site 'Ý-
Total	550.00	1010

+ Add Fee + Add Multiple Fees	POLineltem Start Date 🎸 2021-03-12T12:00:00+0:00			
Items	 Units	Rate	Unit	Amount (EUR)
Fees	20 Calculate Fee Rate Amount	50.00	EA	
Total	+ Add Fee + Add Multiple Fees			
Calculate Totals				

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Seller creates Fee Characteristic in SAP Fieldglass

- Seller creates fee
- Two Fee Payment events for the two Purchase Order line items are now pending approval.
- The SAP Fieldglass transaction number for this new Fee Payment is copied.
- A Fee Payment is reported on the execution of a milestone (or event) of the SOW, triggering a request for payment.
- Amounts ordered are equal to the amounts claimed for payment.

4500038587							Actio	ons 🗸 🗐 🛧
DLABTQ00000455	S DLAB							
All	All	Enter Criteria		Enter Criteria				
Pending Approval	Fee Payment	DLABTU00000149	0	oil field service 2	03/12	2/2021 03/12/2021	550.00	550.00
-	Fee Definition	-	0	oil field service 2		03/12/2021	550.00	-
Pending Approval	Fee Payment	DLABTU00000150	0	oil field services 1	03/12	2/2021 03/12/2021	500.00	500.00
-	Fee Definition	·	0	oil field services 1		03/12/2021	500.00	-
Clear Sort Clear Fil	lters	R.						
						Page	1 Rows 5	▼ 1-4 of 4 🔺 🕨
↓ Save as CSV								

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SAP Fieldglass Buyer Approval with proof of service

 Approver logs into SAP Fieldglass to approve proof of service and goes to Fee Approve list.



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SAP Fieldglass Buyer Approval with proof of service

- Approver logs into SAP Fieldglass to approve proof of service and goes to Fee Approve list.
- Fee just created is highlighted at top of list.
- Service Entry Sheet number is automatically pulled in.
- Clicking Approve button opens scrolling confirmation screen with Approve button on bottom.

SAP	Fieldglass			0	Search by ID or text] 🗇 🗗	L ? A
*	lome 🛛 🛃 Vi	ew Create	Analutics				erDLAB DLAE
Your	Work Items	All Work Items	Reassign Worl				
our	Work Ite	ms Fee				Remaining	: 1000
ceive	ed Within	Action				Approve Can	icel
[Shov	v All]	Approve	e (9) V Apply Filters				9 Items Found
Арр	rove Reject	1 Items Selected				Rows	50 🗸
	Received	ID	Statement of Work		Supplier	Effective On	Amount
		Enter Criteria	Enter Criteria		Enter Criteria		
~	03/12/2021	: DLABTU00000150	4500038587		Inlandslieferant DE (ARB FG Integration) - 10300091	03/12/2021	500.00 EUR
	03/10/2021	DLABTU00000133	4500090015		Inlandslieferant DE (ARB FG Integration) - 10300091	12/01/2020	10.00 EUR
7	02/24/2021	DLABTU00000112	4500037950		Inlandslieferant DE (ARB FG Integration) - 10300091	12/08/2020	200.00 EUR

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Review of Purchase Order history in SAP S/4HANA Cloud



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Search for Purchase Order in Ariba Network

	SAP Ariba Supply Chain Collaboration 👻	0 ¹ ^
 Back in Ariba Network, a search is done for the Purchase Order. 	Home Inbox 🗸 Outbox 🗸 Quality 🗸 Planning 🗸 Catalogs Reports Upload/Download Messages	Documents 🗸 Create 🗸
 The Service Entry Sheet is there with the SAP Fieldglass 	Orders and Releases V All Customers V 4500038587	Guide Gateway Trends Refresh
transaction number.	Orders and Releases (1) Type Order Number Customer Ship To Address Ordering Address Amount Date † Routing Status Order	der Status External Document Type Se
	Ariba Network has the following company information on file. You may use this section to update Walldorf, BW Walldorf, BW Hold of BW EUR 12 Mar 2021 Acknowledged Integration EUR 12 Mar 2021 Acknowledged Integration Integration Integration EUR	rtially roiced

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Search for Purchase Order in Ariba Network

- Back in Ariba Network, a search is done for the Purchase Order.
- The Service Entry Sheet is there with the SAP Fieldglass transaction number.
- The Service Entry Sheet is displayed. The number is the same as SAP Fieldglass Fee Payment number.

Create Order Cor	nfirmation 🔻 Create Ship Notice	Create Service Sheet Create Invoice V	<u>↓</u>
Order Detail	Order History		
	From: Company Code 1010 Dietmar-Hopp-Allee 16 69190 Walldorf BW Germany	To: Nagendra Supplier - TEST jUnitDummy Sunnyvale , CA 94089 United States Phone: +1 (650) 3902788 Fax: +1 (650) 3902788 Email: nagendra.srinivasa.murthy@sap.com	Purchase Order (Partially Invoiced) 4500038587 Amount: 1,050.00 EUR
Payment Terms (1) 3.0% 14 2.0% 20 0% 30			Routing Status: Acknowledged Related Documents: DLABTU00000: INV8720 INV58720 More(4) »
Supplier Address			
Inlandslieferant DE (A Holzweg 30	ARB FG Integration)		
39190 Walldorf 3W			
Germany Smail: 10300091vendor Phone: + () 625842533	r@sap.com		
Address ID: 10300091			

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Search for Purchase Order in Ariba Network

- Back in Ariba Network, a search is done for the Purchase Order.
- The Service Entry Sheet is there with the SAP Fieldglass transaction number.
- The Service Entry Sheet is displayed. The number is the same as SAP Fieldglass Fee Payment number.
- The Service Entry Sheet shows approved, from SAP Fieldglass approval.
- An invoice can now be created.

SAP Ariba Supply Chain Collaboration 🚽		Ċ	0 0
Service Sheet: DLABTU00000150	Done		Previous
Create Inppice Copy This SES	<u> </u>	6	000
Detail History			
Service Sheet (Approved) DLABTU00000150 Date: 13 Mar 2021 Final Service Sheet: No Purchase Order: 4500038587 ERP SES ID: 0000001025 Subtotal: 500.00 EUR Service Start Date: 12 Mar 2021 Service End Date: 12 Mar 2021	Subtotal: 500.00 EUR		
From DLAB Nagendra Supplier - TEST 1000 West Avenue Chicago , IL 60606 United States	To DLAB Ariba Network has the following company information on file. You may use this section to update your company's account. Review your company profile and update as needed. 1000 West Avenue		

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Invoice creation in Ariba Network

- The supplier enters necessary field values.
- Invoice number entered is INV8710.



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Invoice creation in Ariba Network

 The supplier continues to enter necessary field values and submits. 	Tax (i) Line level tax (i) Remove Category:* VAT Taxable Amount: 500.00 EUR Location: Tax Rate Type: Description: Rate(%): Description: Rate(%): 0	
	Regime: V Tax Amount: Line Items 1 Line Items, 1 Included, 0 Previously Fully Invoiced	
	Insert Line Item Options Tax Category: Discount Add to Included Lines	
	Include Type Part # Description Customer Part # Quantity Unit Unit Price Subtotal Image: Comparison of the services 1 Im	
	Service Sheet #: DLABTU00000150 Service Line No.: 2	
	Service Period Service Start Date: 12 Mar 2021 Service End Date: 12 Mar 2021	
	Comments Remove	
	Line Item Actions 🔹 Delete	
	SAP Ariba Supply Chain Collaboration (?)	*
	Create Invoice Previous Save Submit Exit	

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Invoice management in SAP S/4HANA Cloud

	< SAP Supplie	er Invoice 🔻						۹ (0 A JA
	Supplier Invoice							Reverse Journa	l Entries 🖸
• Displaying invoice INV8710 in SAP S/4HANA Cloud.	Gross Invoice Amount Inv 500,00 EUR Inl	voicing Party andslieferant DE (ARB FG Integra (Invoice Status 10300091) Posted from SAP Ariba						
	General Information Purc	hasing Document References	Tax Payment Unplanned Delivery Cos	ts Note Attachments Output					
	Basic Data								
	Transaction: Invoice			Invoice Date: 12.03.2021		Invoicing Party: 10300091			
	Company Code: 1010			Posting Date: 12.03.2021		Partner Bank Type: -			
	Gross Invoice Amount: 500,00 EUR			Reference: INV8710		IBAN: -			
						SWIFT/BIC:			
									Show More
	Purchasing Document I	References							
	Invoice Items Standa	ard 🗸							۲
	Invoice Item	Short Text	Purchasing Document Item	Amount	Quantity Tax Code	Tax Rate	History	Subseq. Debit/Cree	dit
	1	oil field services 1	4500038587/10	500,00 EUR	10,000 EA V0	0,000%(VST)	View	No	>
	Tax								

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Invoice status in Ariba Network

- Checking invoice status in Ariba Network shows it is approved.
- Status also sent to SAP Fieldglass.

SAP Ariba Supply	Chain Collabo	ration 👻										0	
Home Inbox 🗸	Outbox 🗸	Quality 🗸 🛛 Plann	ing 🗸 Catalog	gs Reports	Upload/Download	d Messa	ges				Docu	ments ∨ Create	\sim
Invoices													
Search Filte	rs												
Invoices (42)											Page 1	~ »	=
Туре	Invoice #	Customer	Reference	Submit Method	Submitted By	Origin	. Self Billing	Source Doc	Date ↓	Amount	Routing Status (i)	Invoice Status)
Standard Invoice	INV8710	Ariba Network has the following company information on file. You may use this section to update your	4500038587	Online	Supplier	: Supplier	No	Order	13 Mar 2021	500.00 EUR	Acknowledged	Approved	Feedback

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Invoice data received in SAP Fieldglass

 SAP Fieldglass now shows the invoice data has been approved as well.

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alytics						
						Ý
						Search
	Search Tips					
Type a reference number such as JP123, JS008, 1	VO567.)					
4500038587						
DLABTQ00000455 STATEMENT OF WOR Approved Description Period Services PO 03/12/2021 - 03/12/2021 Go to Details	Type Reference DLAB 4500038587 (Buyer)	Supplier Inlandslieferant DE (ARB FG Integration) - 10300091	Business Unit Purch. Org. 1010 (1010)	Classification AribaNetworkClassification		
ca, Inc.					© 2021 SAP SE or an	SAP Fieldglass 2 SAP affiliate company. All rights
	alytics Type a reference number such as JP123, JS008, V 4500038587 DLABT000000455 STATEMENT OF WORK Approved Description Period Services PO 03/12/2021 - 03/12/2021 So to Details	alytics Search Tips Type a reference number such as JP123, JS008, W0567,) 4500038587 DLABTQ0000455 STATEMENT OF WORK Approved Services PD 03/12/2021 DLAB 4500038587 (Buyer) So to Details kca, Inc.	alytics Search Tips Type a reference number such as JP123, JS008, W0567.) 4500038587 DLABTQ00000455 Statement of Wolks Approved Services PO 0312/2021 DLAB 4500038587 Buscription Period Services PO 0312/2021 DLAB 4500038587 Buyer) Inlandsileferant DE (ARB FG Integration) - 10300091 So to Details	alytics Search Tigs Type a reference number such as JP123, JS008, W0567,)	sarch Tites Type a reference number such as JP123. JS008. WO567.)	aylics

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Invoice data received in SAP Fieldglass

- SAP Fieldglass now shows the invoice data has been approved as well.
- When selecting "Go to Details" link, the invoice code, PO number, and Invoice ID from SAP S/4HANA Cloud and Ariba Network are displayed in SAP Fieldglass.

Home 🕄 View 🛱 Cre	eate 👬 Analytics						
Details Approvals / Audit Trail	Related						
Accounting (EUR)					SOW Invoice Details		
				Amount	Invoice Code		DLABTU00000150
Invoice				500.00	PO Number		4500038587
Adjustment		D₂		0.00	End Date		04/04/2021
	Total Amount Due			500.00	Legal Entity		Company Code 1010 (1010)
Cost Allocation		Detail	Adjustment	Amount	Purchase Unit		Purch. Org. 1010 (1010)
Unknown					Site		1010
Unknown		500.00	0.00	500.00	Business Unit		Purch. Org. 1010 (1010)
	Cost Center Subtotal	500.00	0.00	500.00	4R2 FLAG	۲	Yes
	Total	500.00	0.00	500.00	ERS Flag	۲	TO BE UPDATED BY INTEGRATIO
Posting Information					Invoice Date		2021-03-29T18:33:10+05:30
osting mornation					Invoice ID	۲	I √V8710
Submitted By	BuyerUser, DL	AB (meenal.raikar@sap.con)		Service Entry Sheet ID	۲	To Be Updated Via CF Update Inte





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