

2105 ReleaseSAP Ariba Cloud Integration Gateway

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13 May 2021 CONFIDENTIAL



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Agenda

Logistics

General Release Information

Overview

- Integration Strategy
- Architecture
- Standard Integrations
- SAP Ariba Cloud Integration Gateway
- CIG Community

Key Feature Discussions/Demonstrations

- CIG Release 2105 CIG AddOn Support Packs
- New Innovations Ariba Network Sell Side
- New Innovations Ariba Applications (Buying & Invoicing, Sourcing & Contracts)
- New Innovations Intelligent Enterprise Source to Pay Integration (IES S2P)

Reminders

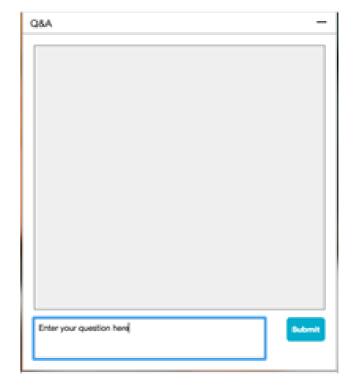
Logistics

To Ask a Question, please use the ON24 Q & A Panel

- If not already visible, click the Q&A button at the bottom of the screen.
- Type your question in the "Enter your question here" area.
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Logistics

At the end of the session, provide Survey feedback

- If not already visible, click the Survey button at the bottom of the screen.
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Your feedback is used to continually improve our customer engagement activities for our quarterly product releases.

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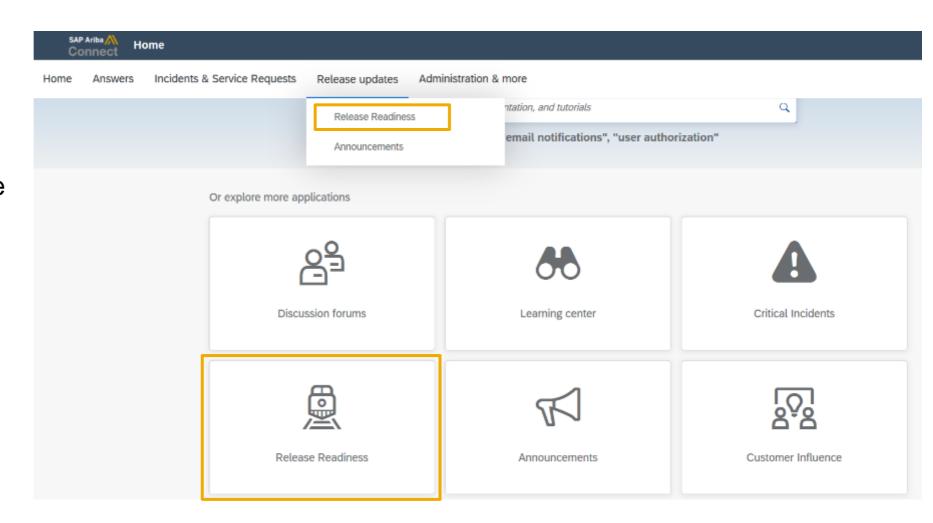




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General Information Session Materials

- SAP Ariba Connect user interface
- Multiple routes for launching the Release Readiness page
- Access to product announcements also available

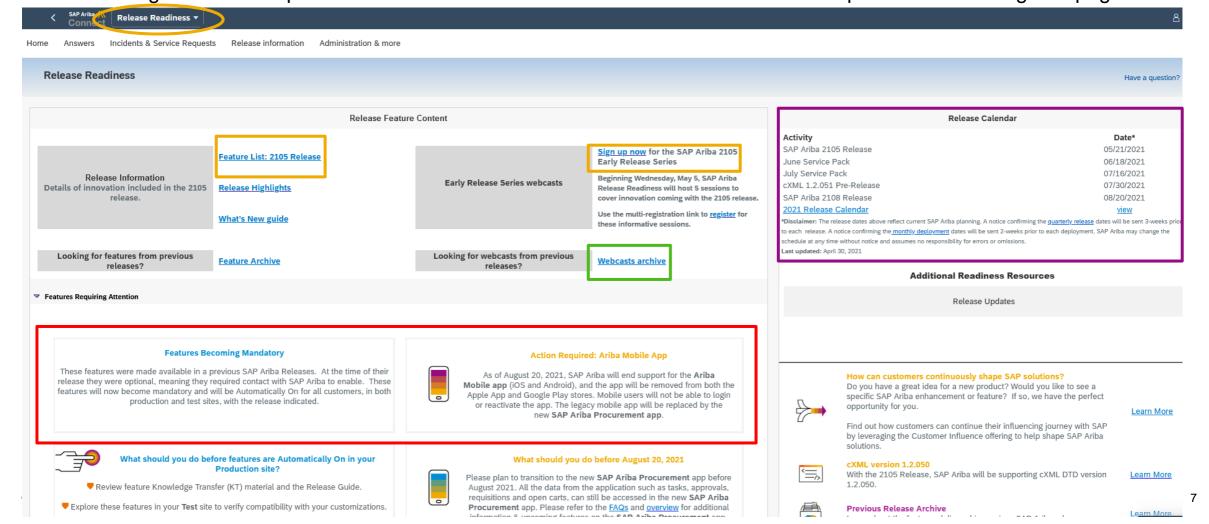


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Overview



Cloud integration strategy



CIG Add-ons





SAPS/4HANA SAP ECC

SAP Fieldglass

SAP IBP

SAP Concur

SAP S/4HANA

Non-SAP ERP's (Future)

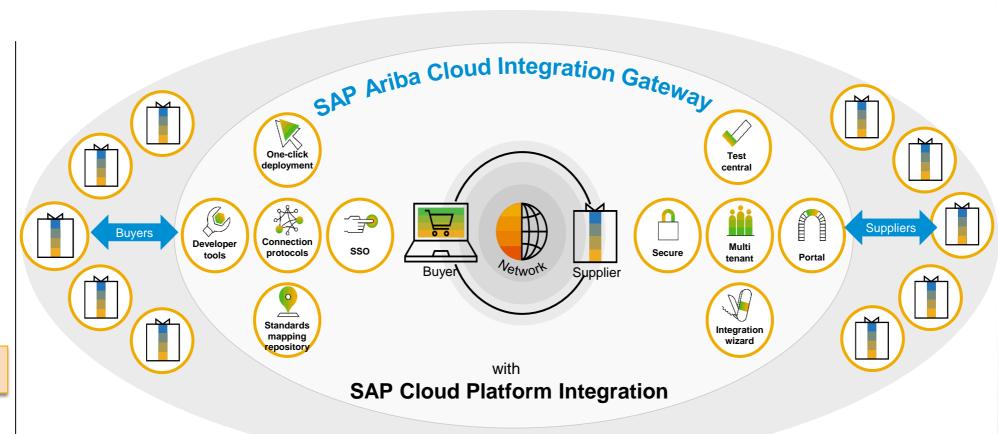
ORACLE'



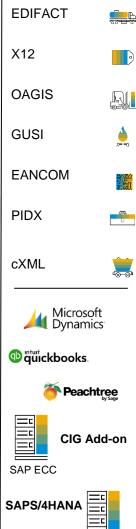
PeopleSoft.



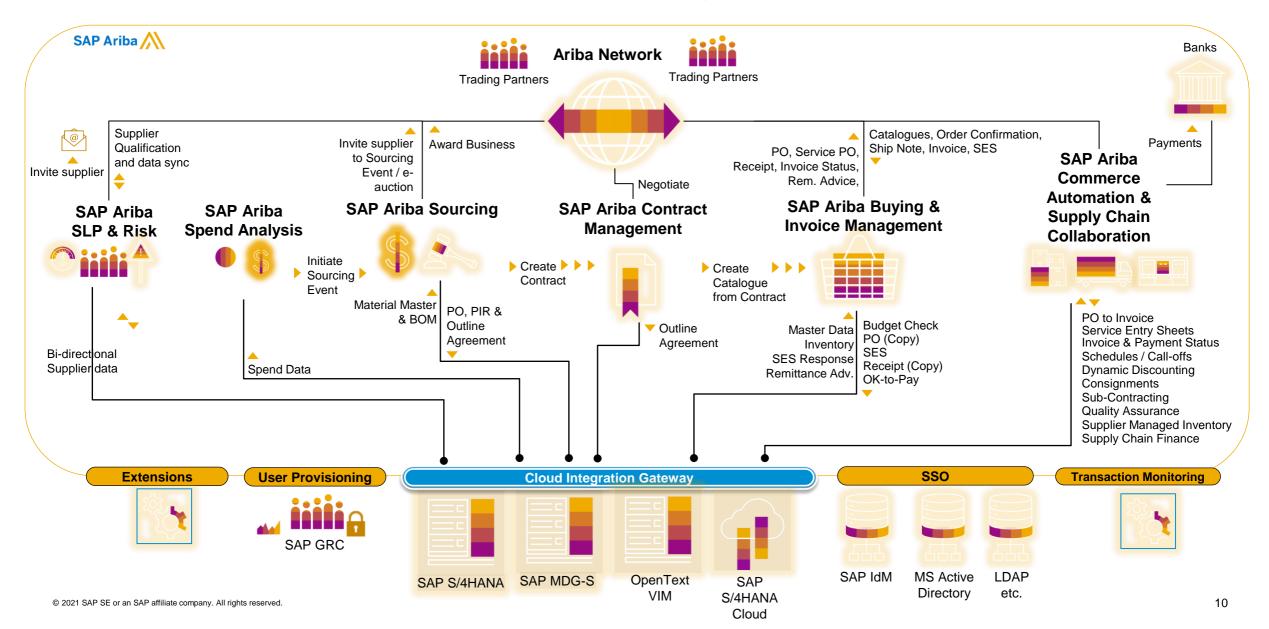
LAWSN



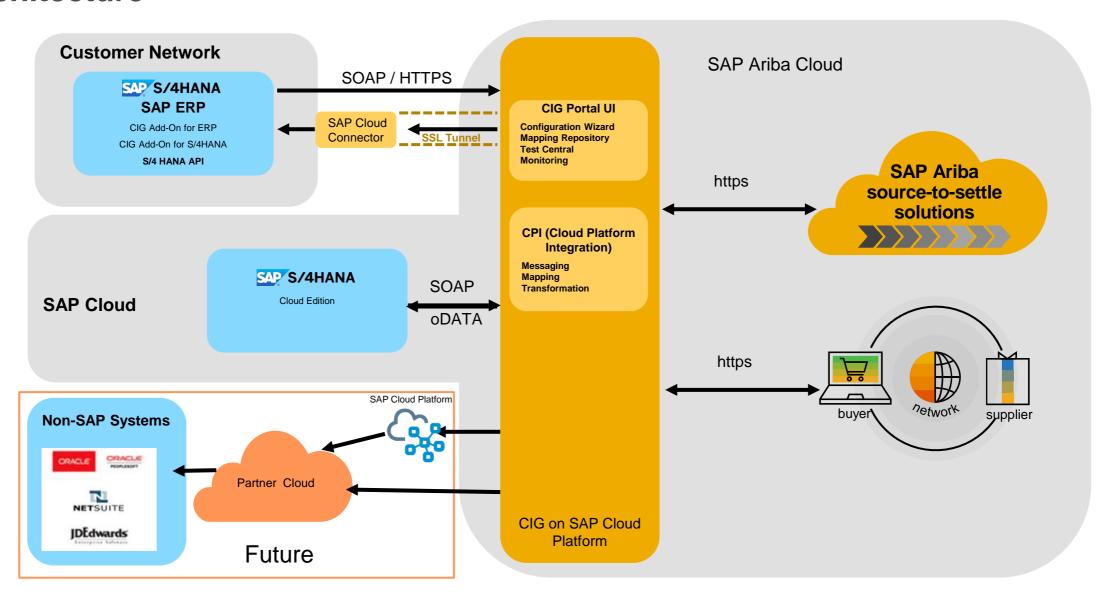
SUPPLIERS



Source To Pay Processes: End to End Integration via CIG



Architecture



Standard integrations CIG – 251 (Q2 2021)

85 = Other Formats - Network Sell side

Sourcing

Applications Procurement

Master

Sourcing and Contracts

Purchasing organization Purchasing groups Company code Payment Terms Plants Incoterms Material Master Material Master/Plant Material Groups

Product Sourcing

Purchase Info Record Manufacturer Part Number Bill of Material Replication Bill of Material Confirmation Engineering Change Order (BOM)

Supplier Management

SLP outbound (pass-through) SLP inbound (pass-through)

Sourcing - Retail

Article Master Characteristics Profile (Class) Merchandise Category Display Set Article/Site

Generic Article Variant

Transaction

Sourcing

RFQ to Quote request Quote Message Sourcing Award to PO

Scheduling Agreement

cSQ (Central Supplier Quotation)

RFQ Confirmation

Master

Buying and Invoicing

Account categories Asset Class Company codes Cost centers Cost center languages ERP commodity codes General ledger Internal orders

Payment terms Purchase groups

Tax codes WBS elements User data User group mapping Remittance locations Supplier data Supplier location Contracts

Company code internal order mapping Company code WBS element mapping Purchasing organization supplier combo Account category field status Plant to purchasing organization

Currency conversion rates Fund management objects Purchasing organizations General ledger languages

FM derive

Earmarked Fund Functional Area **Funds Center** Commitment Item **Budget Period** FM Area Grant

Fund

Transaction

Buving and Invoicing Requisition via GB (Odata) Central Requisition via GB (Odata)

Material PO Service PO Blanket/Limit PO Change PO Cancel PO Close PO Goods Receipt Service Entry Sheet Carbon Copy (CC) SES

Cancel Service Entry Sheet Invoices (Ok-to-Pay) Non-PO Invoice (One Time)

PO status Change PO status Import Requisitions Contracts

Contract Workspace to Outline Agreement

Central Contract

Sourcing Award to Outline Agreement

cRFQ (Central RFQ)

Quote Confirmation

Asset Shell Receipt status Invoice status

Catalog Syndication Inventory stock update

Advance Payment requests Advance Payments

Cancel Advance Payment Requisition Export Change Requisition

Reservation **Budget Check** SES Response Expense report

FI Invoice

Cancel Invoice in ERP

Buy side

Ariba Network

Consignment Invoice

cRFQ (Central RFQ)

Carbon copy (CC) invoice

cSQ (Central Supplier Quotation)

Invoice status

Quote request

Quote message

Plant

Commerce Automation Standard Material PO Service PO Change PO Cancel PO Batch Managed PO Order Enquiry request Order Confirmation Inbound Ship Notice Outbound ASN Outbound Payment Remittance Inbound Remittance Advice Remittance Cancellation Inbound Receipt Outbound Receipt Service Entry Sheet Carbon Copy (CC) SES Service Entry Status update Cancel Service Entry Sheet Invoice (incl. Credit Memo) FI Invoice (incl. Credit Memo)

Payment batch file

Payment Receipt Discounting Inbound Payment proposal

Outbound Payment proposal Supply Chain Collaboration

Subcontract PO Stock Transport Order (STO) Multi-Tier Subcontract PO Multi-Tier SA / SAR

Consignment PO Component consumption Transfer movement (Product Activity)

Order Confirmation Approval Outbound Replenishment Delivery

Inbound Replenishment Delivery

Forecast and SMI

Scheduling Agreement Forecast Demand (Product Activity) Inventory Levels (Product Activity) Product Replenishment Replenishment Order for SMI

Quality Management

Quality Notification Quality Inspection Request Quality Inspection Result Quality Inspection Decision **Quality Certificate** QN Code (standard and custom)

Complex Services w/FieldGlass

Statement of Work (SOW) Statement of Work (SOW) Revision Timesheet **Invoice**

Sell side

X12 v4010

810, 820, 204 214 824 (In & Out) 830 (Forecast) 830 (Commit)

842 (In & Out)

846 (In & Out) 850, 855, 856, 860 861

862 863 (In & Out)

866 866 (MO/PO) 997 (In & Out)

EDIFACT D01B

ORDERS ORDCHG DESADV INVOIC

GS1 EANCOM 97

ORDERS ORDCHG DESADV INVOIC REMADV

GS1 GUSI

MultiShipmentOrder DespatchAdvice ReplenishmentProposal ReplenishmentRequest ProductForecast GoodsRequirement ReceiptAdvice ComsumptionReport InventoryActivityorInventory ORDERS

Status SAP ERP & S4 HANA

Cloud Sales Order **Outbound Delivery** Goods Issue (PGI) Billing Document

EDIFACT D96A

ORDERS ORDCHG ORDRSP INVOIC DESADV CONTRL **RECADV** INVRPT REMADV DELFOR DELJIT **APERAK**

IFTMIN IFTSTA

ORDRSP ORDCHG INVOIC DESADV REMADV

GS1 EANCOM 2002

OAGIS v9.2

ProcessPurchaseOrder (PO AcknowledgePurchaseOrder NotifvShipment ProcessReceiveDelivery NotifyPlanningSchedule NotifyInventoryConsumption NotifvProductionOrder NotifyInventoryBalance ConfirmBOD

PiDX v1.61

OrderRequest OrderChange OrderResponse Invoice InvoiceResponse ReceiptAcknowledgement Exception InvoiceResponseSESR AdvancedShipNotice

Adoption Metrics

OOTB Integration Touchpoints



251

Out-of-box between SAP ERP, S/4HANA, SAP Ariba Solutions and Suppliers

(as of Q2/2021)

Buyers Transacting in Production



9 670+

Transacting in production on CIG

Trading Partners in TEST Phase



1030+ Buyers 2000+ Suppliers

New nodes and migration with various SAP Ariba solutions and SAP systems

Processed Transactions

00000 440+

transactions processed on Buy & Sell side (200+ Mil in 2020, 190 Mil+ in 2021)

Suppliers Transacting in Production



111111 2280+

Across 8 data formats. 50% reduction in integration time.

Globally Trained Resources



1200+

Trained resources across 5 global regions. And 10+ CIG ready partners

CIG Community

SAP Ariba CIG Community is the official user community of <u>SAP SE</u>. SAP software users, developers, consultants, mentors and students use the SAP Community Network to get help, share ideas, learn, innovate and connect with others



Connect, Collaborate & Contribute



Learn > Network > Succeed



Blog a Blog



Ask questions

https://community.sap.com/topics/ariba-cloud-integration-gateway

SAP Ariba Cloud Integration Gateway

Welcome to SAP Ariba Cloud Integration Gateway (CIG) community! Join us to access expert content and stay up-to-date with the latest announcements and features. Ask our experts a question, engage with other community members, and follow latest blogs.

Featured Content



SAP Ariba Cloud Integration Gateway At-A-Glance

SAP Ariba Cloud Integration Gateway, enabled by the SAP Cloud Platform Integration service, transforms the integration process by making it simple to connect your trading partners, SAP Ariba applications, and backend systems such as SAP ERP and SAP S/4HANA* for touch-less, end-to-end transactions. Watch Video (3 Minutes)



SAP Ariba Cloud Integration Gateway : State of the Union

Out of Box Standard Integrations helping SAP Ariba Customers to start transacting between SAP ERP and SAP Ariba solutions in fraction of traditional integration timeline State of the Union



SAP Ariba CIG Road Map for Buyers and Suppliers

Describes the new features for SAP Ariba Cloud Integration Gateway release. View the road map



Announcements

Follow all the latest happenings with Ariba Cloud Integration Gateway CIG January 2020 Monthly Release Deployed on 30th January 2020 CIG AddOn Quarterly Q4 Released on 13th Dec 2019

Expert Content



SAP Ariba CIG Mapping Tool

Mapping Tool enables CIG customers to customize standard mappings to meet specific business needs Mapping Tool



SAP Ariba CIG Co-Existence

Business use case and configuration to run both CIG and Business Suite AddOn Together (Co-existence) for SAP Ariba Integration with SAP ERP / S4 HANA helping customers to manage migration to CIG in a phased approach

CIG Co-Existence

Call for Action - Transition to CIG



CIG Release & CIG AddOn Support Packs



CIG Release 2105: AddOn Components & Support Packs

CIG Buyer AddOn for SAP ERP		
ABAP component	Support Pack	
ARBCI1 100	SP13	
ARBCI2 100	SP10	
ARBCIGR 100	SP1	

CIG Supplier AddOn for SAP ERP		
ABAP component	Support Pack	
ARBCIS 100	SP3	

CIG Buyer AddOn for S/4 HANA		
ABAP component	Support Pack	
ARBCI1 10S	SP13	
ARBCI2 10S	SP10	
ARBCIGR 10S	SP1	

New Feature Innovations: Ariba Network Sell Side



IG-24113:Support for new EDI document format for the quality inspection document type

Customer Challenge

"Inspection" generally refers to the activity of checking products. Quality Inspection collaboration is a collaborative business process which supports inspection at the vendor's facility. Customer has the ability to request quality inspection from the supplier/contract manufacturer. On the sell-side this document type is currently not supported

Solution

- Allow Supplier sends inspection results for the inspection lot/characteristic using EDI863 format
- Both Inbound and Outbound EDI863 will be supported
- Allow to add an attachment along with Quality Inspection as MIME envelope

Key Benefits

 Quality inspection can be initiated at different times in a manufacturing process, and the information flows would be in both direction (inbound and outbound). The process can be used for both finished goods as well as intermediate (or subcontracting material) goods.

New Feature Innovations: Ariba Applications

Buying & Invoicing



New Feature Innovations: Ariba Applications

IG-8884

Integration support for account assignment category U (Unknown) between SAP ERP or SAP S/4HANA and SAP Ariba Procurement solutions

IG-8884: Integration support for account assignment category U (Unknown) between SAP ERP or SAP S/4HANA and SAP Ariba Procurement solutions

Customer Challenge

- Until now creating service requisitions or service purchase orders in SAP Ariba
 Procurement solutions required accounting information. But often buyers are not certain of appropriate account assignment category to which a service line item's expenditure is to be assigned.
- Now, service requisitions or service purchase orders can be created without providing accounting information by choosing **Account Assignment** field as *U (Unknown)*.

Solution

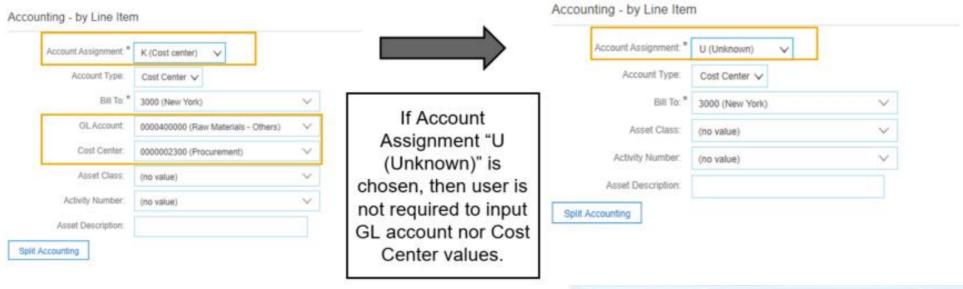
- Export master data for account assignment category U from SAP ERP to SAP Ariba Buying
 - With accounting category field display status (Enhancement of master data export report)
- Enhance Requisition, Purchase Order and Service Entry Sheet transactions to support Item Category U

Key Benefits

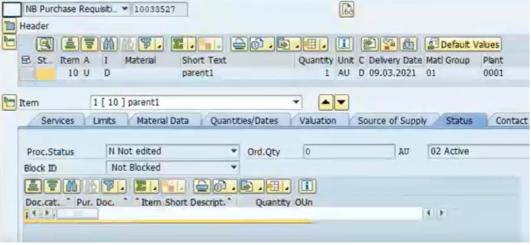
- Support wider scenarios of service procurement with supported use case in ERP
- Offers buyers flexibility of initiating the process starting with PR ahead of time

IG-8884: Integration support for account assignment category U (Unknown) ..cont'd

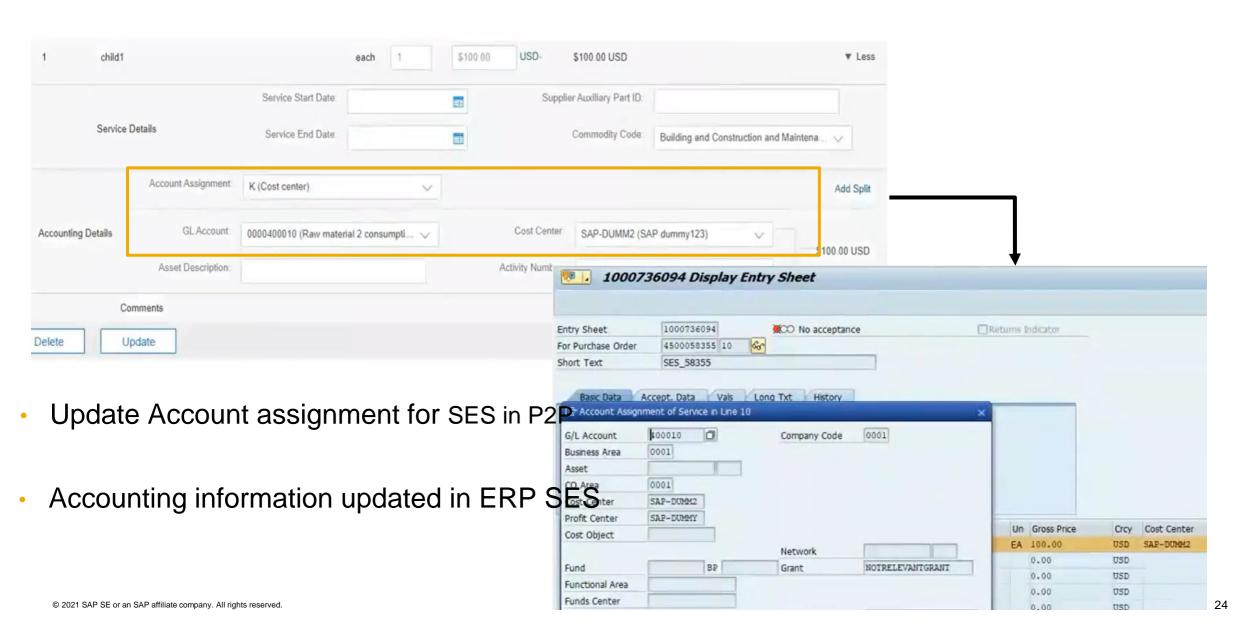
New account assignment "U (Unknown)" can now be defined on Requisition and Purchase Order by Line Item.



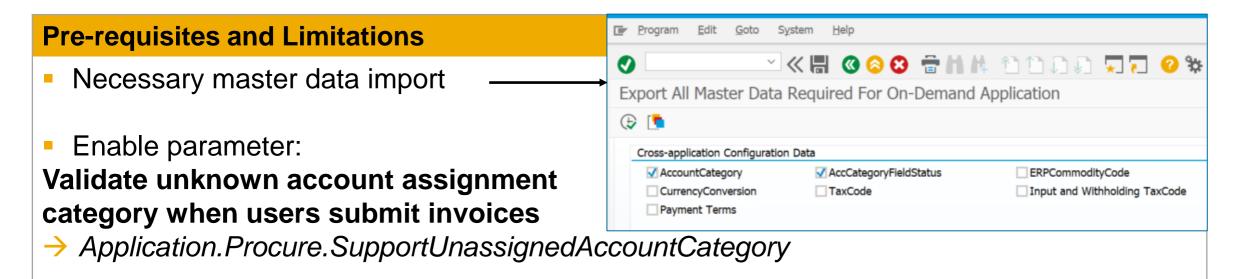
- No accounting information when AA =U is chosen
- Line item in ERP with no Account assignment



IG-8884: Integration support for account assignment category U (Unknown) ..cont'd



IG-8884: Integration support for account assignment category U (Unknown) ..cont'd



Restriction

- Change in account assignment category after purchase order is created with the account assignment category *U (Unknown)* is not allowed (in ERP)
- Conversion of service entry sheet with split accounting to an invoice for a service purchase order with account assignment category *U (Unknown)* is not supported.
- Account assignment category U (Unknown) is not supported for Budget check
- Invoice for service purchase order with limits is not supported in Apps
- Import of ERP initiated PR and SES with AAC = U is not supported

New Feature Innovations: IES S2P Integrations



New Feature Innovations: IES S2P Integrations (SAP S/4 HANA Cloud)

- IES Scope Item 4QN: Sourcing for Central Procurement with SAP Ariba Sourcing
 - IG-20459 Support for confirmation messages in the 4QN integration scenario for SAP S/4HANA and SAP S/4HANA Cloud
- IES Scope Item 5JT (IG-23445): Support for Central RFQ integration between Central Procurement and SAP Ariba Discovery using SAP Ariba Cloud Integration Gateway
- IES Scope Item 4R2 (IG-28527): Support for the Service Procurement with Ariba Network and SAP Fieldglass (4R2) integration scenario with SAP S/4HANA Cloud

IG-20459: Support for confirmation messages in the 4QN integration scenario for SAP S/4HANA and SAP S/4HANA Cloud

Customer Challenge

 Previously, the integrated central procurement solution was not getting any technical confirmation about the receipt of central RFQ or quotation. It is expected from a well-integrated solution that users would know in the source system about the status of replication or follow-on data creation.

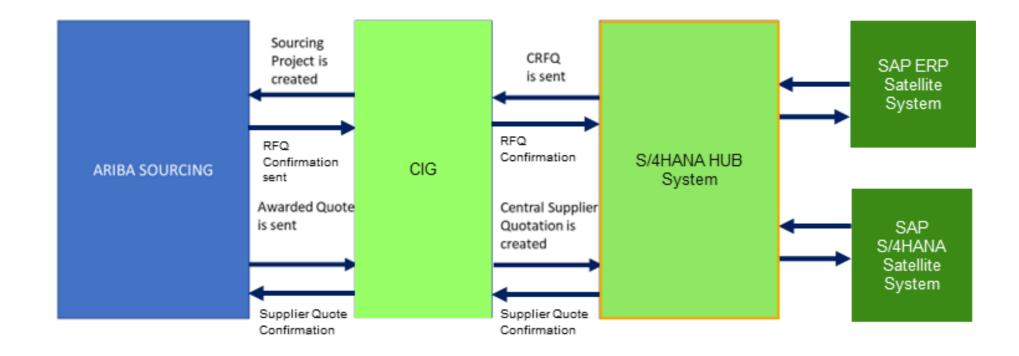
Solution

- When SAP S/4HANA Cloud receives an award or a supplier quotation from SAP Ariba Sourcing, SAP S/4HANA Cloud sends a supplier quotation confirmation message to SAP Ariba Sourcing to indicate whether the supplier quotation creation in SAP S/4HANA Cloud is successful or not.
- Similarly, when SAP Ariba Sourcing receives a request for quotation (RFQ) from SAP S/4HANA Cloud, SAP Ariba Sourcing sends an RFQ confirmation message to SAP S/4HANA Cloud to indicate whether the RFQ creation in SAP Ariba Sourcing is successful or not.
- 2 new doc types are added to CIG: CentralRFQConfirmation CentralQuoatationConfirmation

Key Benefits

- Extends Central Procurement Integration scenario (4QN) with support of confirmation messages.
- 1. Confirmation of cRFQ receipt from Ariba sourcing to source system S/4HANA
- 2. Confirmation of 'Quotation' receipt by S/4HANA central procurement
- 3. Transparency to the 'Integration' with confirmation feedback from external system

IG-20459: Support for confirmation messages in the 4QN integration scenario for SAP S/4HANA and SAP S/4HANA Cloud



IG-23445: Support for Central RFQ integration between Central Procurement and SAP Ariba Discovery using SAP Ariba Cloud Integration Gateway

Customer Challenge

 SAP S/4HANA Central Procurement offers a centralized RFQ process aggregating purchase requisitions created in multiple connected backend systems SAP ERP or SAP S/4HANA system (on-premise or Cloud) however this cRFQ is not integrated with Ariba Discovery for Suppliers to be able to submit bids

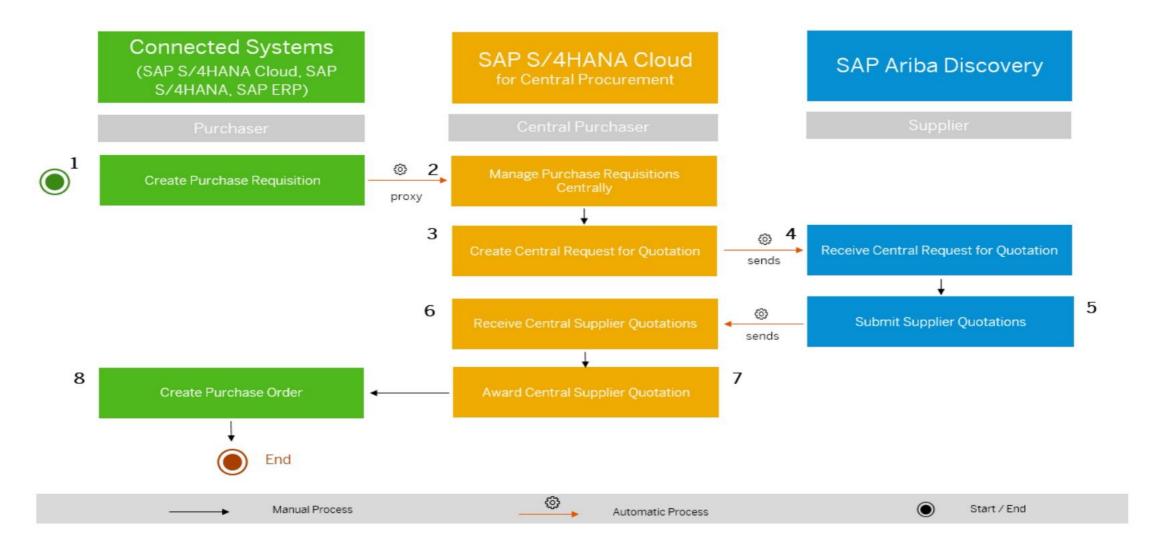
Solution

- cRFQ is sent from S/4 HANA Cloud Central procurement to Ariba Discovery via CIG (cXML extrinsic quoteBusinessObject to identify cRFQ & cSQ)
- Suppliers submit quotations in SAP Ariba Discovery
- Supplier quotations are transferred from SAP Ariba Discovery to S/4 HANA Cloud Central procurement
- Central purchaser awards the supplier quotation in S/4 HANA Cloud Central procurement
- Based on the awarded supplier quotations, purchaser can create purchase orders in the connected SAP backend system

Key Benefits

- With the SAP S/4HANA Central Procurement, purchase requisitions created in multiple connected backend systems can be aggregated to create a single central RFQ and thus get support for better scale pricing integrating with Ariba Discovery
- Source the best supplier / price based on aggregated demand

IG-23445: Support for Central RFQ integration between Central Procurement and SAP Ariba Discovery using SAP Ariba Cloud Integration Gateway



IG-28527: Support for the Service Procurement with Ariba Network and SAP Fieldglass (4R2) integration scenario with SAP S/4HANA Cloud

Customer Challenge

 Service Procurement flow is currently not supported between SAP S/4HANA Cloud, Ariba Network and SAP Fieldglass

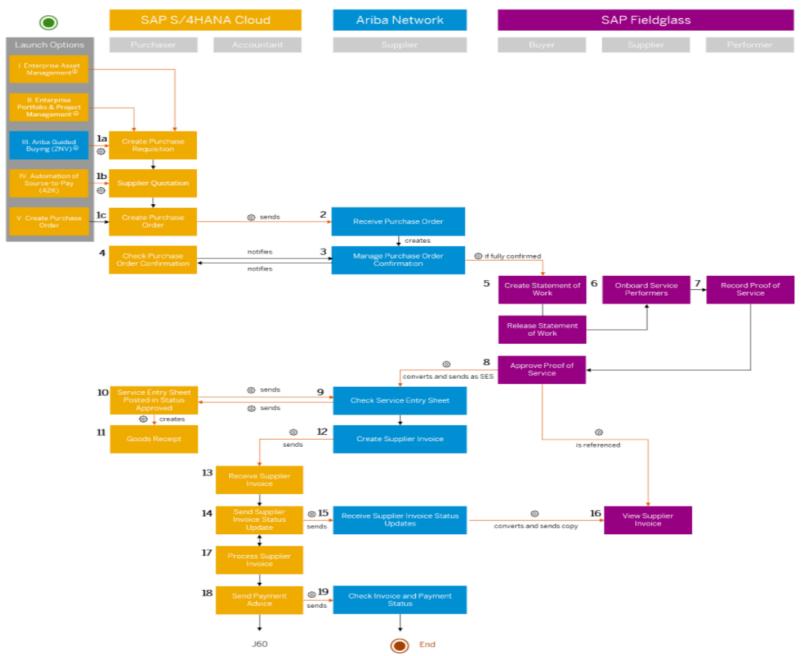
Solution

- This feature enables procurement of services across SAP S/4HANA Cloud, Ariba Network as well as SAP Fieldglass. This procurement process especially focuses on a close cooperation between buyers, purchasers, and suppliers of lean services. All data is routed through SAP Ariba Cloud Integration Gateway.
- The integration supports the exchange of documents such as orders, service sheets, and invoices between the Buyers and Suppliers.
- Suppliers can receive Lean Service Order from Buyers's SAP S/4 HANA system, review and confirm the Order. Workers will be able to create time sheets against the StatementOfWork and On approval of these ServiceEntry documents from Buyers, Supplier can create Invoices for them.

Key Benefits

 Buyers and Supplier will have the ability to experience the combined capability offered by SAP Ariba network and FieldGlass in their Service Procurement flows.

IG-28527: Support for the Service Procurement with Ariba Network and SAP Fieldglass (4R2) integration scenario with SAP S/4HANA Cloud

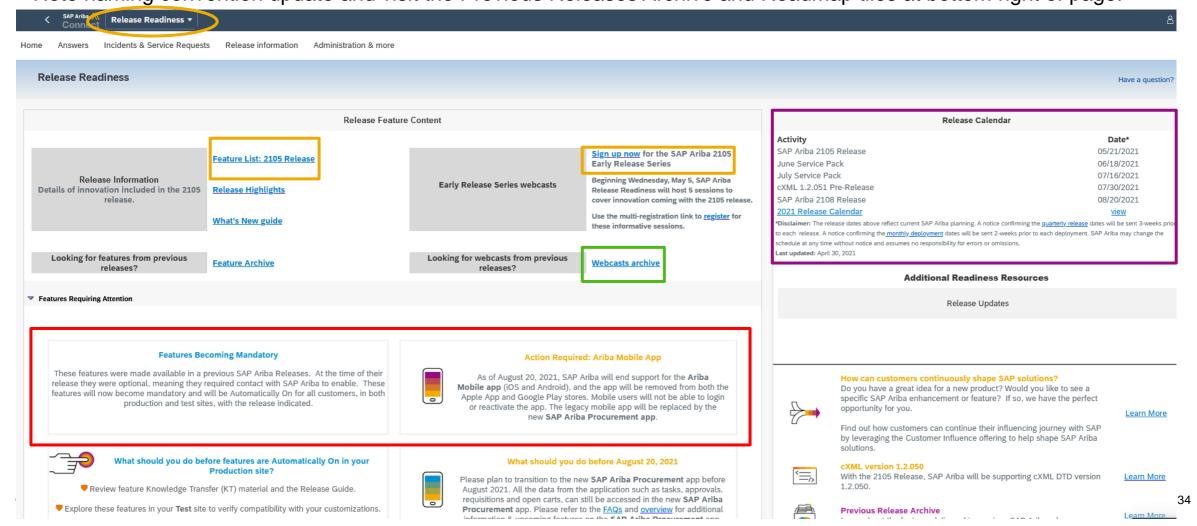


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Conclusion

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Thank you for taking the time to share your thoughts with our team!







Thank you.

Contact information:

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Appendix: Additional information of possible interest

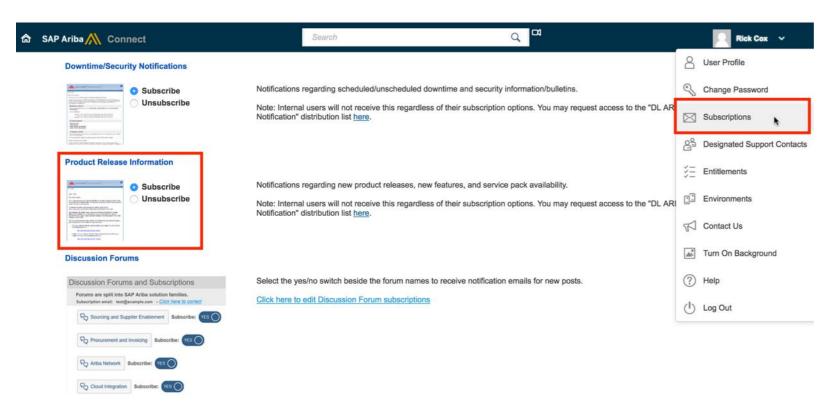


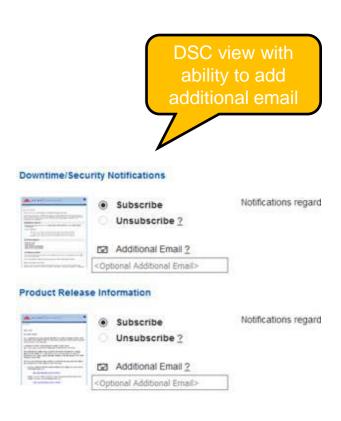
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Best Practice:

- Encourage relevant team members to subscribe by clicking their name in the top right corner and select Subscriptions
- Create a distribution list for others that need to know and add as an additional email





Historical release information Archive page

Prior release materials grouped by product/solution area for quick reference.

Listed in chronological order of most recent to oldest update from top to bottom of page.

