SAP Ariba

2011 Release

SAP Ariba Cloud Integration Gateway

Presenters: Rob Jones, Kalyan Valluri, Rajib Shome, Vick Ramburrun, Sripriya Kitambi
Panelists : Mamatha Vittalkar, Satheesh Gannamraju, Lovein Khullar, Kanwaljit Singh, Digvijaysinh Jadeja

9 November 2020
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Agenda

Logistics

General Release Information

Key Feature Discussions
- Cloud Integration Gateway

Reminders

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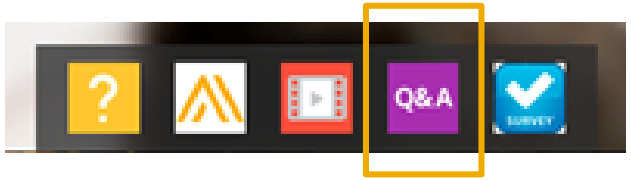
Logistics

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.
- Click Submit.

The Presenter and/or Panelists will attempt to answer your question online or via the audio feed as close to the time the question is asked as possible.



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Logistics

At the end of the session, provide Survey feedback

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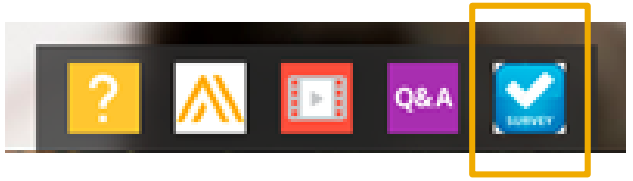
Your feedback is used to continually improve our customer engagement activities for our quarterly product releases.

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



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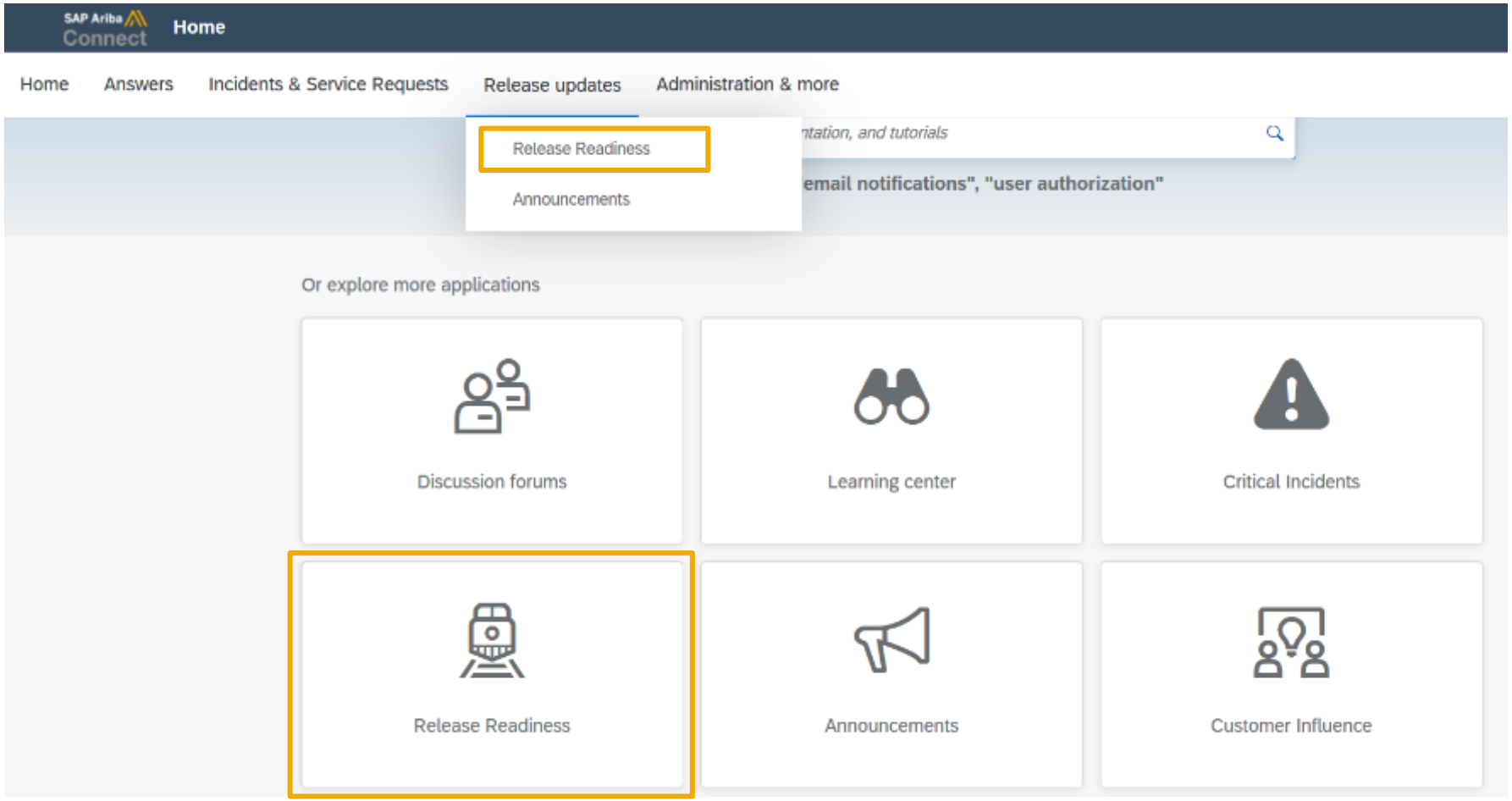
General Information Session Materials

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



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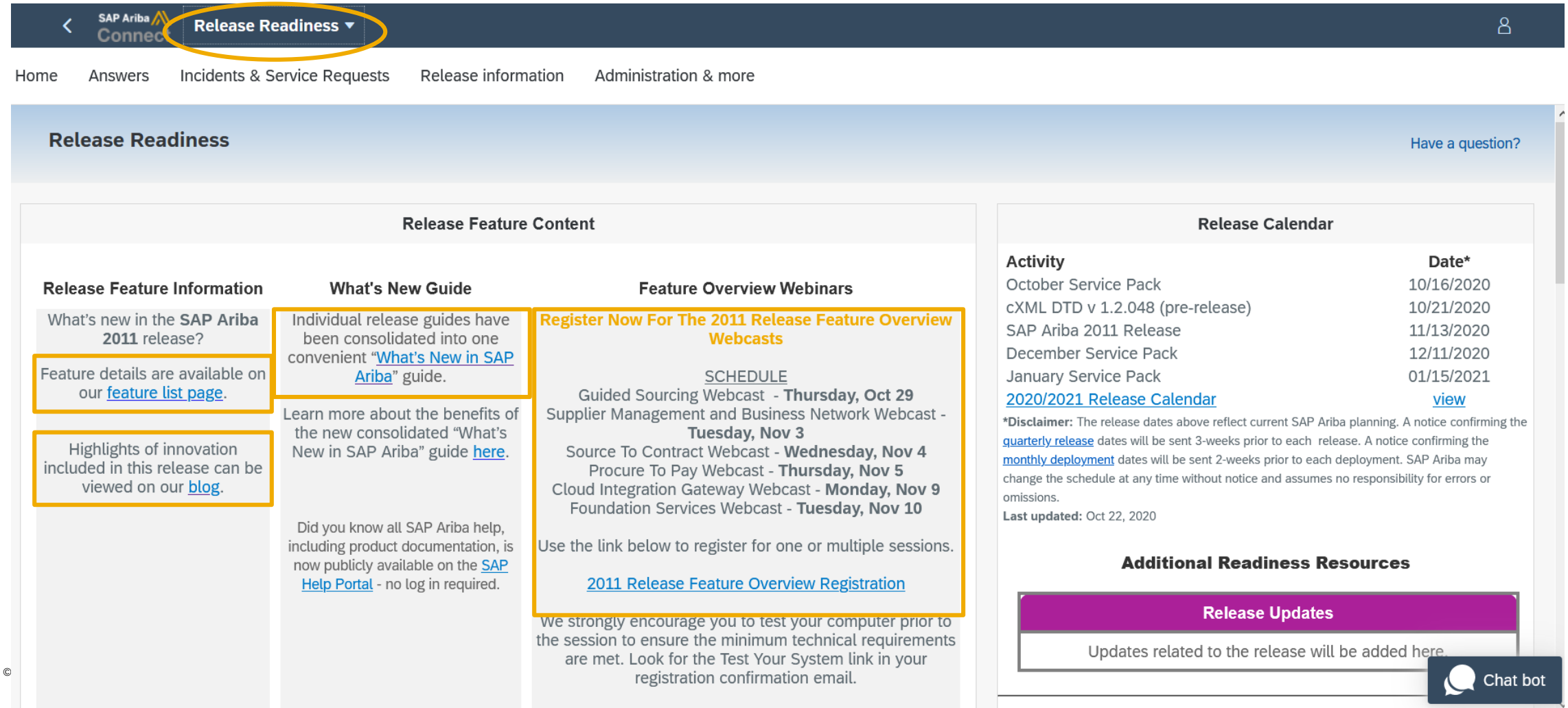
General Information Session Materials

Recordings and presentations will be posted on the Release Readiness tab/tile in SAP Ariba Connect.
See the Release Feature List and What's New links on the left side of the page for detailed information.
Note naming convention update and visit the Previous Releases Archive and Roadmap tiles at bottom right of page.



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Success Webcast Series

- Initiated by SAP Ariba Customer Support
- Focused on specific features / process area Quick Tips
- Upcoming and previously recorded sessions
- Link to view: https://gateway.on24.com/wcc/eh/1391535/SAP+Ariba+Success+Sessions

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Cloud Integration Gateway Key Features Discussion

- **Overview**
  - ✓ Integration **Strategy**
  - ✓ **Architecture**
  - ✓ **Standard Integrations**
  - ✓ SAP Ariba Cloud Integration Gateway **Adoption**
  - ✓ **CIG Community**
- **CIG Release 2011 : CIG AddOn Support Packs**
- **CIG Platform & Portal Enhancements**
- **New Feature Innovations : Ariba Network Buy Side**
- **New Feature Innovations : Ariba Network Sell Side**
- **New Feature Innovations : Ariba Applications (Buying & Invoicing, Sourcing & Contracts)**
- **New Feature Innovations : Intelligent Enterprise Source To Pay Integration (IES S2P)**

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Overview

Cloud integration strategy

BUYERS

CIG Add-ons

SAPS/4HANA SAP ECC

SAP Fieldglass

SAP IBP

SAP Concur

SAP S/4HANA MTE

Non-SAP ERP's
(Future)

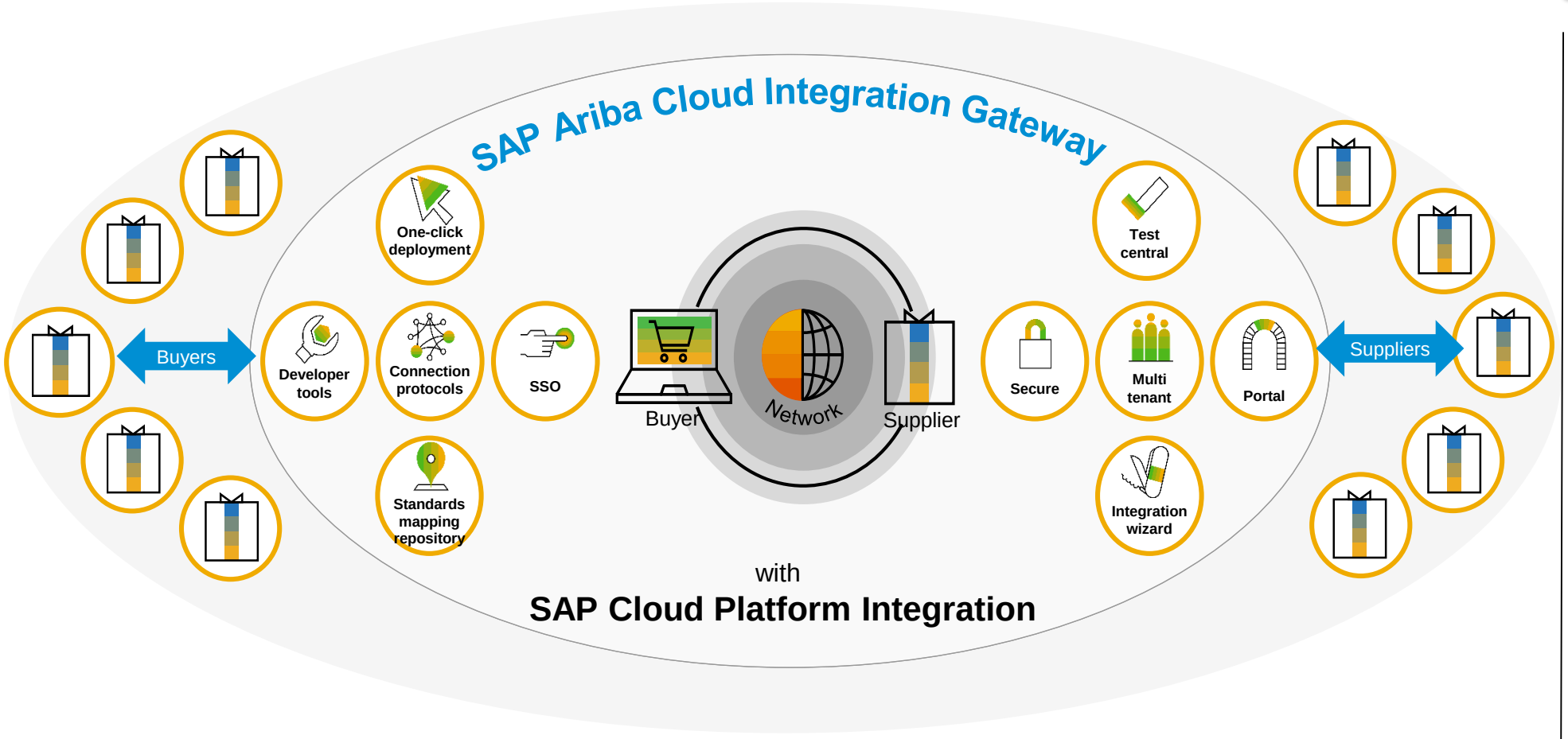
ORACLE

INFOR

PeopleSoft

JDEDWARDS

LAWSON



SUPPLIERS

EDIFACT

X12

OAGIS

GUSI

EANCOM

PIDX

cXML

Microsoft Dynamics

intuit quickbooks

Peachtree by Sage

CIG Add-on

SAP ECC

SAPS/4HANA Cloud (MTE)

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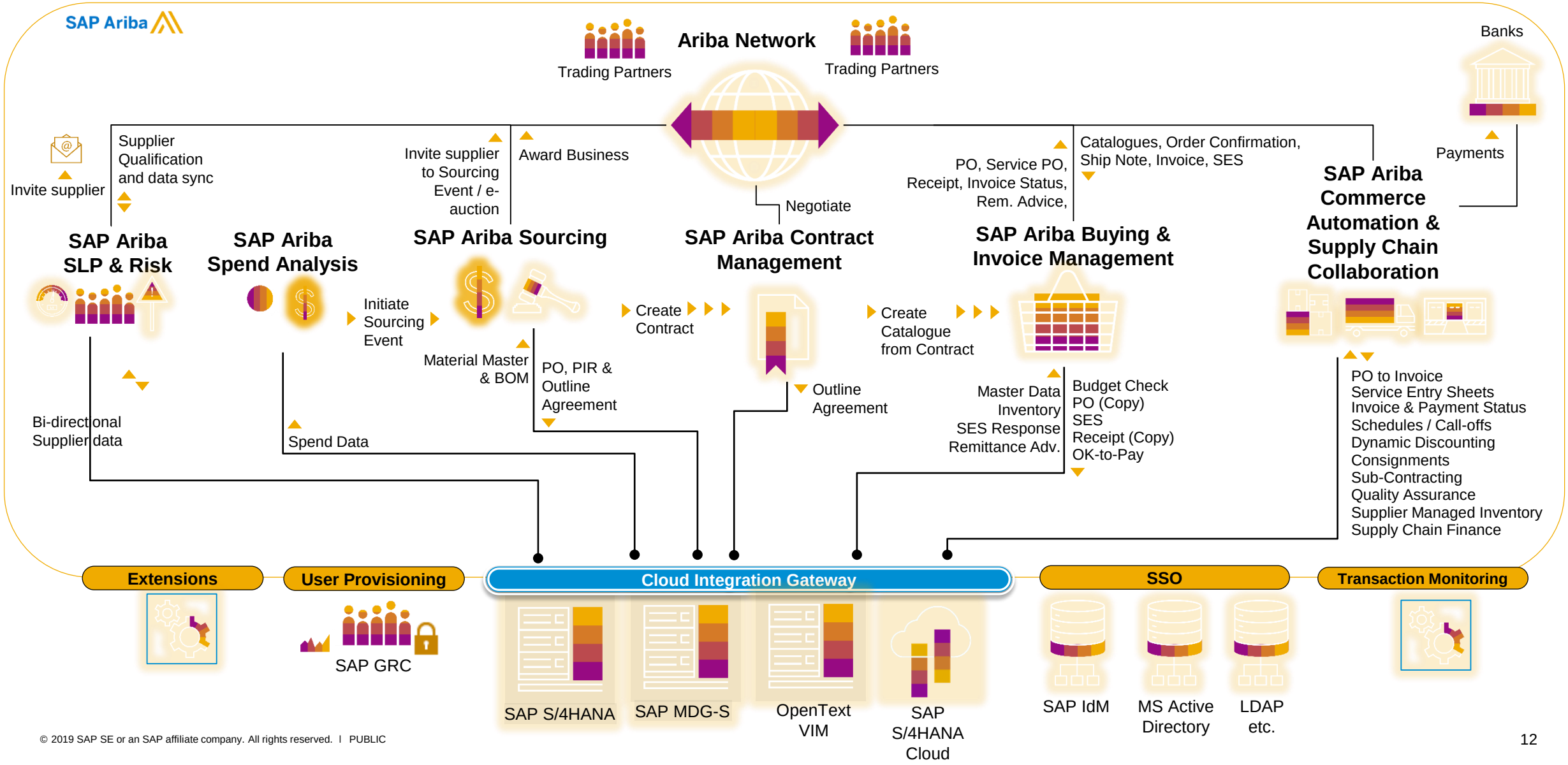
Source To Pay Processes: End to End Integration via CIG



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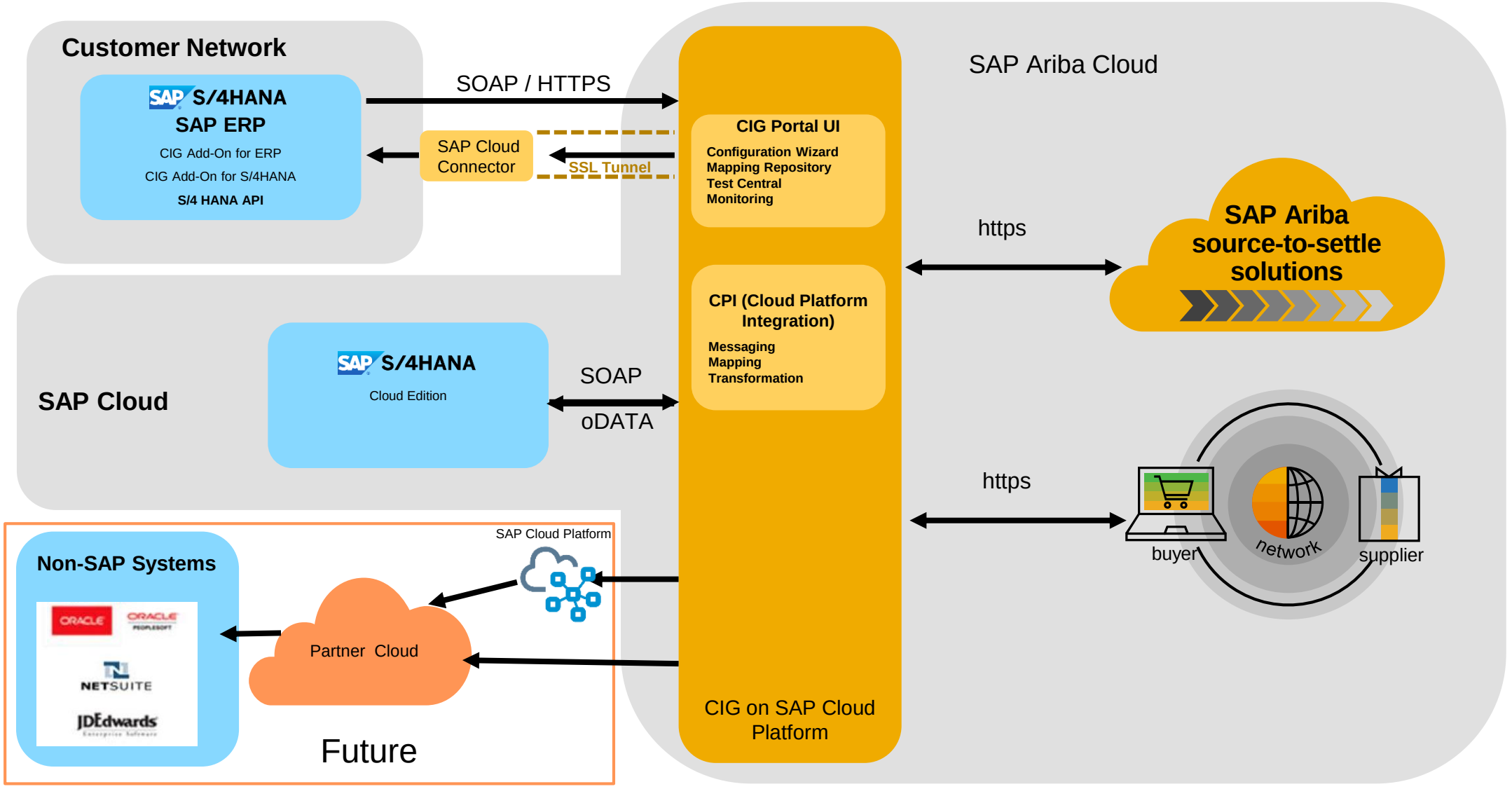
Architecture



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Standard integrations CIG – 233 (Q4 2020)

149 = SAP ERP and SAP S/4HANA

84 = Other Formats – Network Sell side

Ariba Applications Sourcing

Master 22

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

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 9

Sourcing
RFQ to Quote request
Quote Message
Sourcing Award to PO
Sourcing Award to Outline Agreement
cRFQ (Central RFQ)
cSQ (Central Supplier Quotation)

Contracts
Contract Workspace to Outline Agreement
Scheduling Agreement
Central Contract

Ariba Applications Procurement

Master 38

Buying and Invoicing
Account categories
Assets
Asset Class
Company codes
Cost centers
Cost center languages
ERP commodity codes
General ledger
Internal orders
Plant

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

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

Transaction 34

Buying 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

Asset Shell
Receipt status
Invoice status
Remittances
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

103

Ariba Network

Buy side 46

Commerce Automation
Standard Material PO
Service PO
Change PO
Cancel 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)
Consignment Invoice
Invoice status
Carbon copy (CC) invoice
Quote request
Quote message
Payment batch file
Batch Managed PO
Payment Receipt

Discounting
Inbound Payment proposal
Outbound Payment proposal

Supply Chain Collaboration
Subcontract PO
Multi-Tier Subcontract PO
Consignment PO
Component consumption
Transfer movement (Product Activity)
Order Confirmation Approval

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)

Sell side 84

X12 v4010
810, 820,
204
214
824 (In & Out)
830 (Forecast)
830 (Commit)
832
842 (In & Out)
846 (In & Out)
850, 855, 856, 860
861
862
864
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 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

GS1 EANCOM 2002
ORDERS
ORDRSP
ORDCHG
INVOIC
DESADV
REMADV

OAGiS v9.2
ProcessPurchaseOrder (PO)
AcknowledgePurchaseOrder
NotifyShipment
ProcessReceiveDelivery
NotifyPlanningSchedule
NotifyInventoryConsumption
NotifyProductionOrder
NotifyInventoryBalance
ConfirmBOD

PiDX v1.61
OrderRequest
OrderChange
OrderResponse
Invoice
InvoiceResponse
Receipt
ReceiptAcknowledgement
Exception
InvoiceResponseSESR
AdvancedShipNotice

130

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Adoption Metrics

OOTB Integration Touchpoints

233

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

(as of Q4/2020)

Buyers Transacting in Production

495

Transacting in production on CIG

30 Oct 2020

Trading Partners in TEST Phase

900+ Buyers

1700+ Suppliers

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

Processed Transactions

135+ Millions

transactions processed on Buy & Sell side

in Year: 2020

Suppliers Transacting in Production

1950+

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 SAP SE. SAP software users, developers, consultants, mentors and students use the SAP Community Network to get help, share ideas, learn, innovate and connect with others

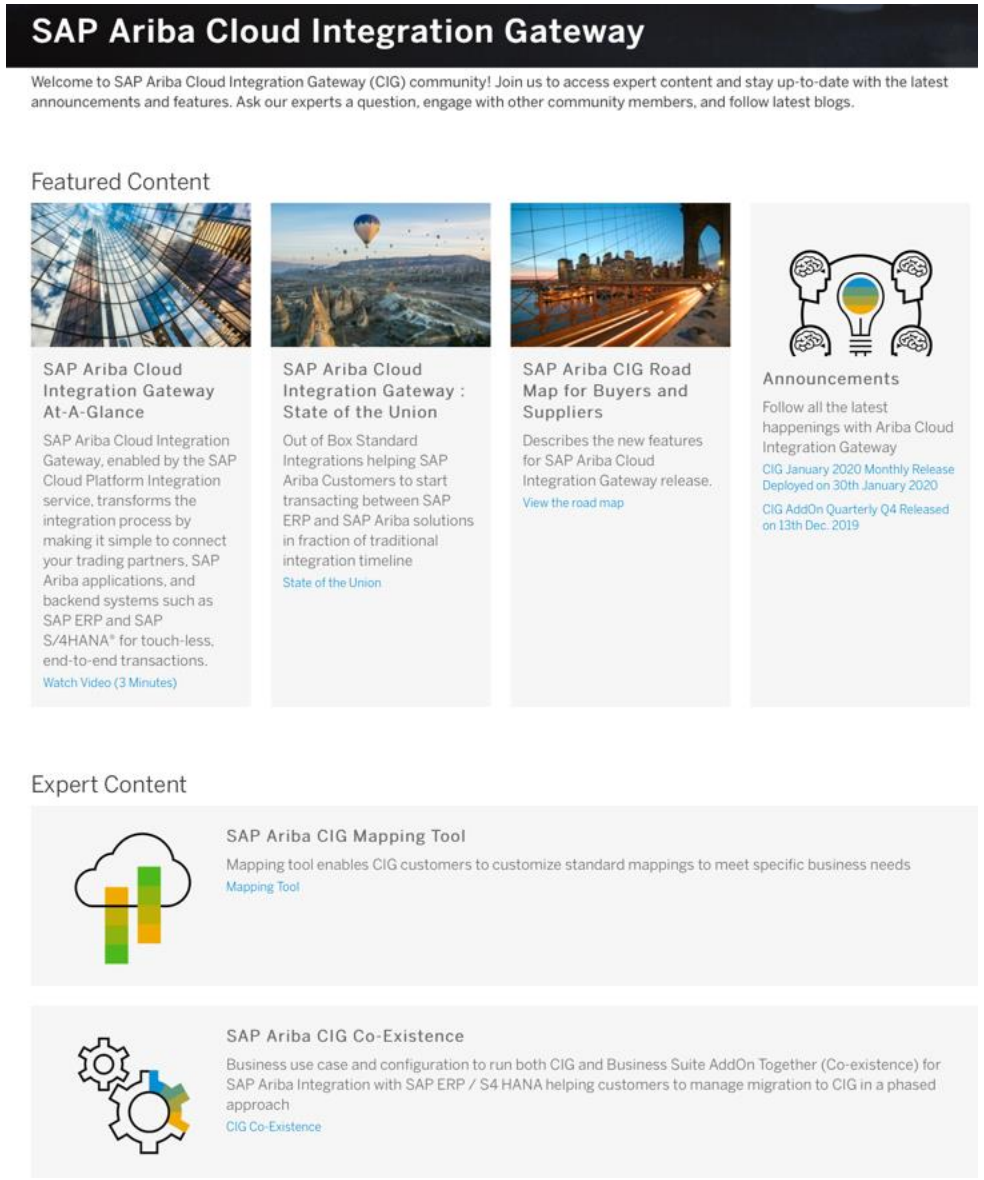
Connect, Collaborate & Contribute

Learn > Network > Succeed

Blog a Blog

Ask questions

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



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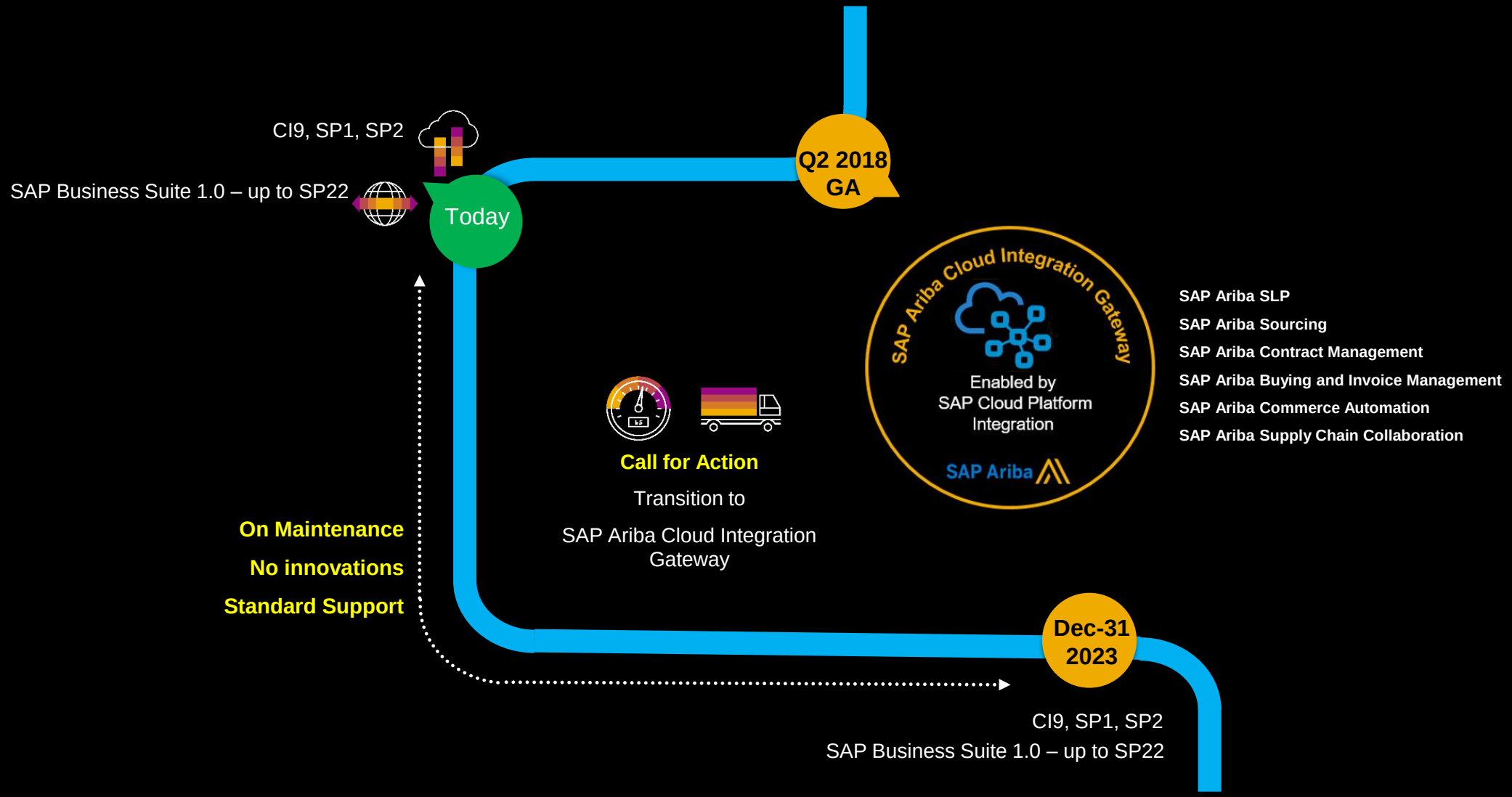
Call for Action



CIG Release & CIG AddOn Support Packs

CIG AddOn Components & Support Packs

CIG Buyer AddOn for SAP ERP	
ABAP component	**Support Pack**
ARBCI1 100	SP11
ARBCI2 100	SP9
ARBCIGR 100	SP1

CIG Supplier AddOn for SAP ERP	
ABAP component	**Support Pack**
ARBCIS 100	SP2

CIG Buyer AddOn for S/4 HANA	
ABAP component	**Support Pack**
ARBCI1 10S	SP11
ARBCI2 10S	SP9
ARBCIGR 10S	SP1

- **CIG AddOn Certification for S/4 HANA 2020**
  - **IG-17846** Certification of SAP Ariba Cloud Integration Gateway with SAP S/4HANA 2020
  - **IG-20608** Enhancement to event linkages for enabling the integration of SAP ERP or SAP S/4HANA with SAP Ariba solutions

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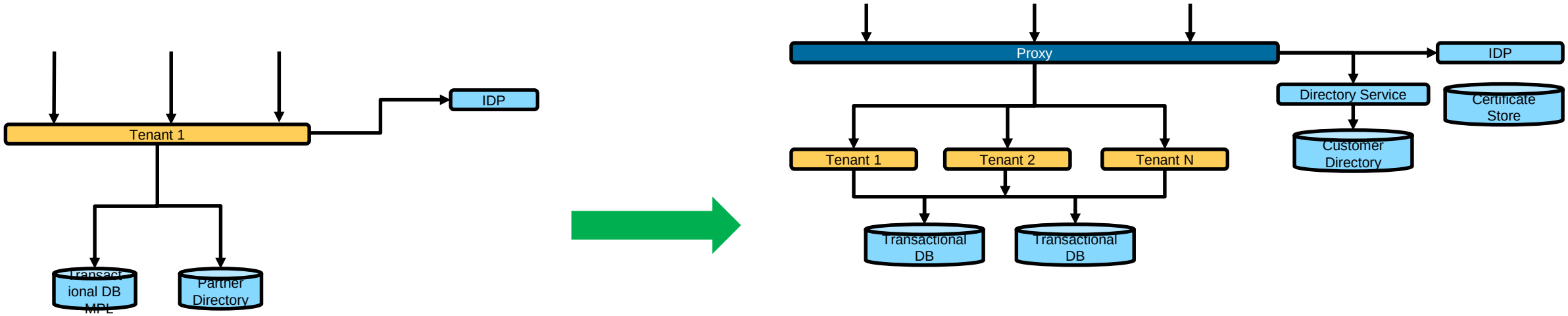
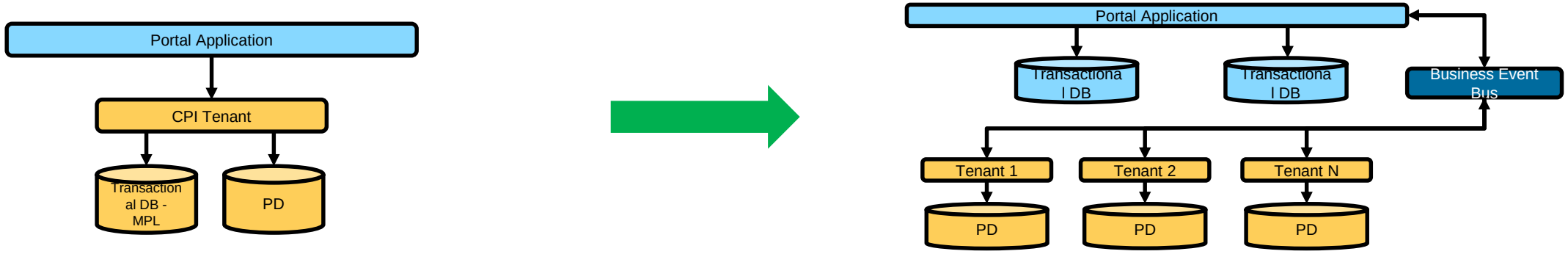
CIG Platform & Portal Enhancements

CIG High Availability Architecture Enhancements

Platform



Portal



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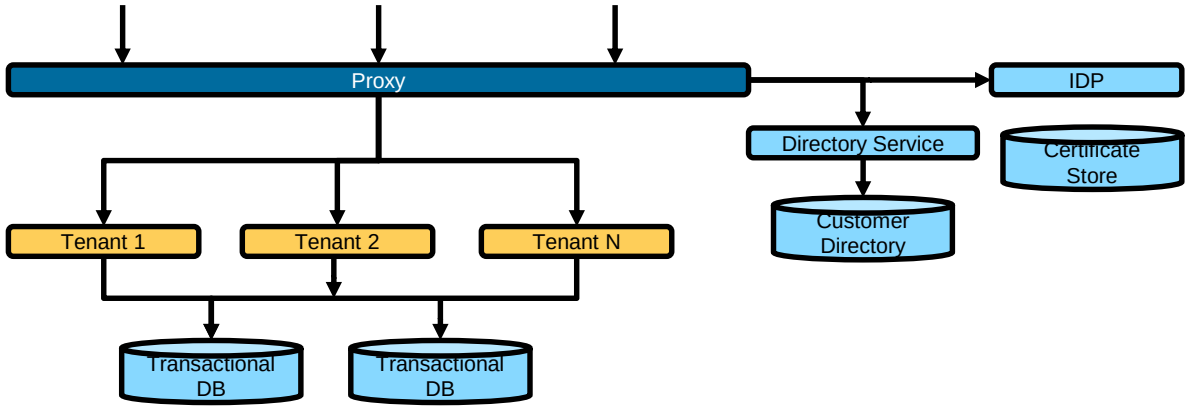
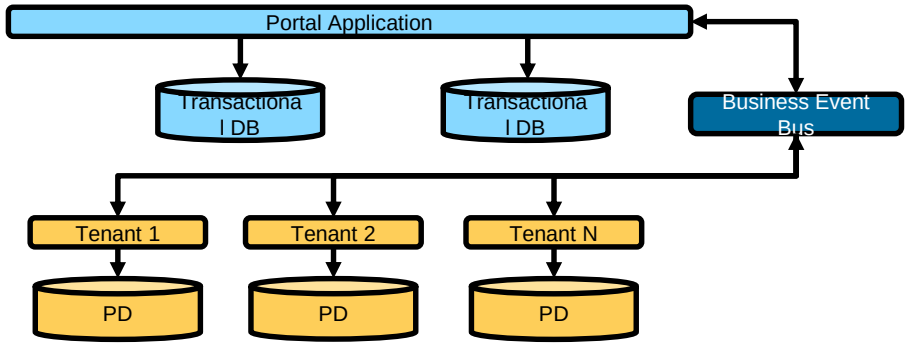
CIG High Availability Architecture Enhancements

Platform



Portal



- ✓ **~100% availability**
  - Diversify the solution and remove CIG from a single point of failure
  - ZERO downtime on software updates
- ✓ **Scalable**
  - Allow to increase capacity on demand based on performance or issues
- ✓ **Auto Load distribution**
  - Distribute the load of the platform in multiple CPI instances and DBs
- ✓ **Smart Monitoring**
  - Monitor the components on different levels
  - Allow proxy to add or remove instances

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New Feature Innovations: Ariba Network Buy Side

- Commerce Automation
- Supply Chain Collaboration (SCC)

New Feature Innovations: Ariba Network Buy Side

- **IG-16312** **Enhancements to the Order Request cXML transaction document**
- **IG-19847** **Enhancements to the product activity message for supplier managed inventory and forecast collaboration**
- **IG-19268** **Enhancements to integration for quality notifications**
- **IG-14435** **Integration to support sending work order-based purchase orders to Ariba Network**

- IG-19654 Enhancement to the integration of service entry sheet response from SAP ERP or SAP S/4HANA to Ariba Network and SAP Ariba Procurement solutions
  - ✓ SES response along with Long Text when SES is deleted
- IG-18020 Support to standardize invoice IDs in ERP-initiated invoices to Ariba Network and the subsequent transactions
  - ✓ Standardized approach to send Invoice ID in ERP initiated Invoice and subsequent transactions such as Invoice Status Update, Payment Remittance, Payment Proposal

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IG-16312: Enhancements to the OrderRequest cXML transaction document

Customer Challenge

- Though SAP ERP and S/4 HANA supports multiple texts at Header and Item Level for Purchase Order, Scheduling Agreement, Ariba Network supported only single comment hence multiple texts were concatenated and sent to Ariba Network

Solution

- Order Request cXML has been enhanced to support multiple comments at both Header and Item level
- CIG provides cross-reference parameter to configure which specific Text IDs are sent to Ariba Network and in what sequence
- Each Text from PO / SA Header and Item are sent as separate comment, each identified by Text Type
- Additional enhancements are delivered with this feature for :
  - unlimitedDelivery for Material items is sent to Ariba Network to allow unlimited quantities during ship notice processing in Ariba Network
  - isKanban indicator for material items for SAP Ariba Supply Chain Collaboration for Buyers
  - isItemChanged attribute to indicate changes to line items (requires a BAdI implementation by customers)

Key Benefits

- Enhanced collaboration for Buyers and Suppliers

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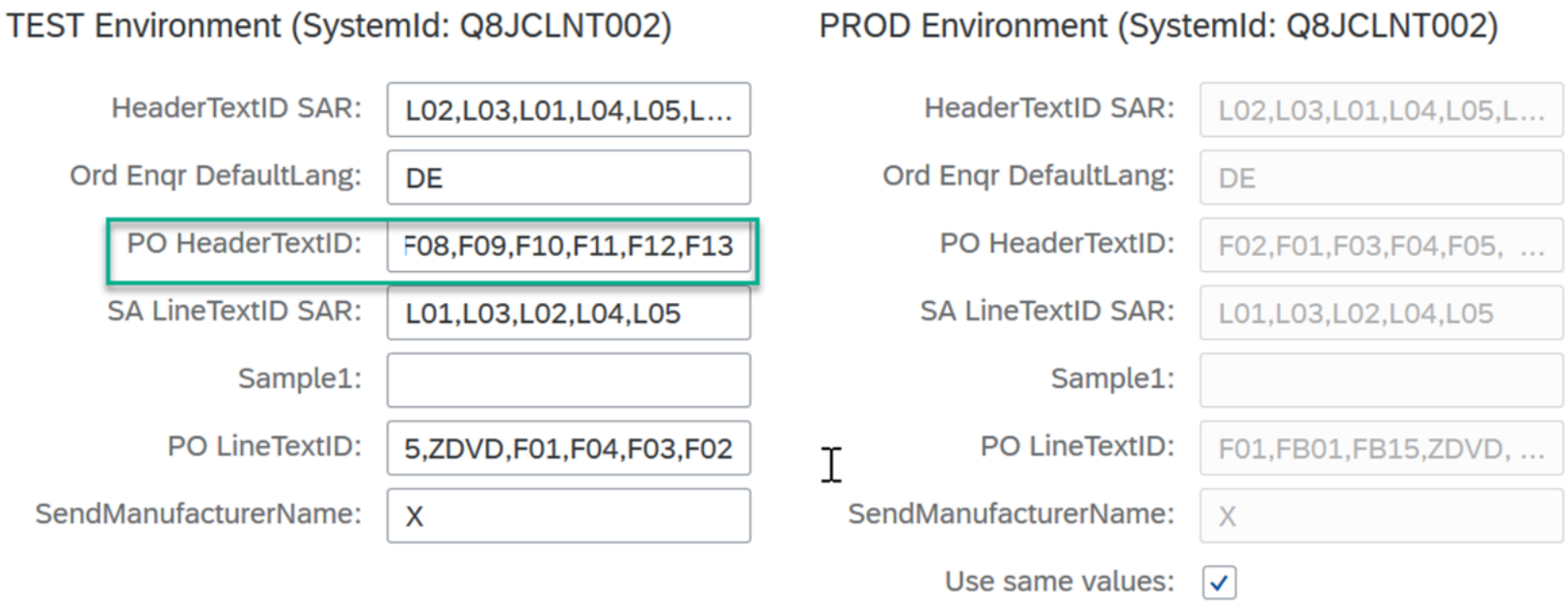
IG-16312: Enhancements to the Order Request cXML transaction document

CIG Cross Reference Parameters



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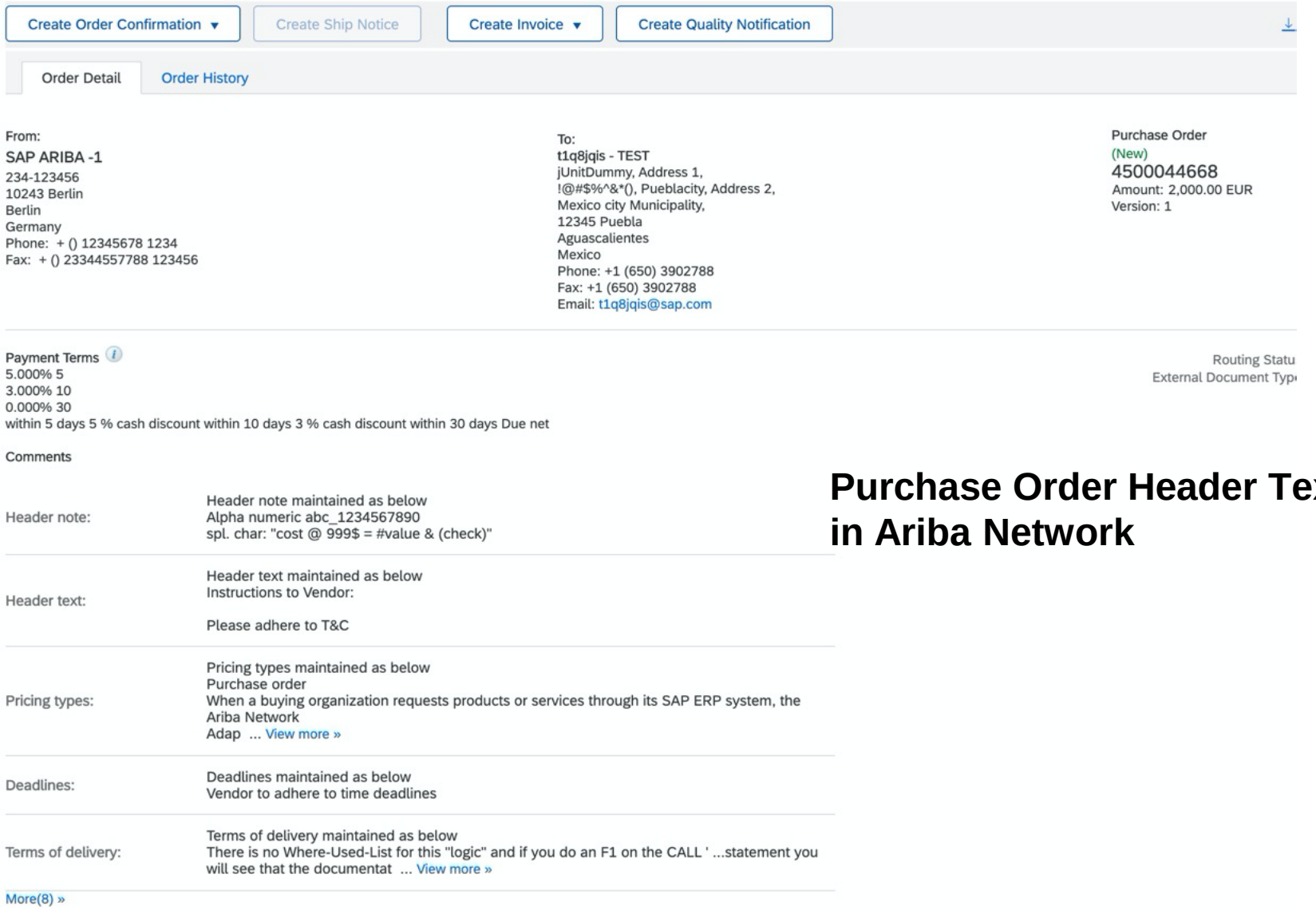
IG-16312: Enhancements to the Order Request cXML transaction document



Purchase Order Header Texts in Ariba Network

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IG-16312: Enhancements to the Order Request cXML transaction document

Line #	Part #	Customer Part #	Type	Return	Revision Level	Qty (Unit)	Need By	Unit Price	Subtotal	Customer Location	
10	469	261	Material			10.000 (EA)	8 Jun 2020	100.00 EUR	1,000.00 EUR		Summary

Description: PAM Test central material

Status

10.000 Unconfirmed

Control Keys

Order Confirmation: not allowed

Ship Notice: not allowed

Service Entry Sheet: not allowed Unit Price Editable:

Invoice: is not ERS

Invoice Verification Type: goods receipt

Comments

Item text:	Item text maintained as below Instructions to Vendor: Please adhere to T&C
Info record PO text:	Info record PO text maintained as below Alpha numeric abc_1234567890 spl. char: "cost @ 999$ = #value & (check)"
Delivery text:	delivery text maintained as below There is no Where-Used-List for this "logic" and if you do an F1 on the CALL ' ...statement you will see that the documentation ... View more »
Material PO text:	material PO text maintained as below When a buying organization requests products or services through its SAP ERP system, the Ariba Network Adapter for SAP Net ... View more »
Info record note:	Info record note

More(1) »

Purchase Order Item Texts in Ariba Network

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IG-19847: Enhancements to the product activity message for supplier managed inventory and forecast collaboration

Customer Challenge

- Demand generated from Stock Transfer Requisitions was not considered while sending Gross demand for Supplier Managed Inventory to Ariba Network
- Buyer was not able to restrict sending SMI & Forecast data based on Plant specific Material status

Solution

- Demand from Stock transfer requisitions is selected and included in Gross Demand while sending SMI data to Ariba Network
- Additional selection criteria is provided for SMI & Forecast reports to limit selection of material data based on Plant specific Material status

Key Benefits

- Additional flexibility for buyers to select material demand and inventory data based on material status
- Enhanced control on planning collaboration

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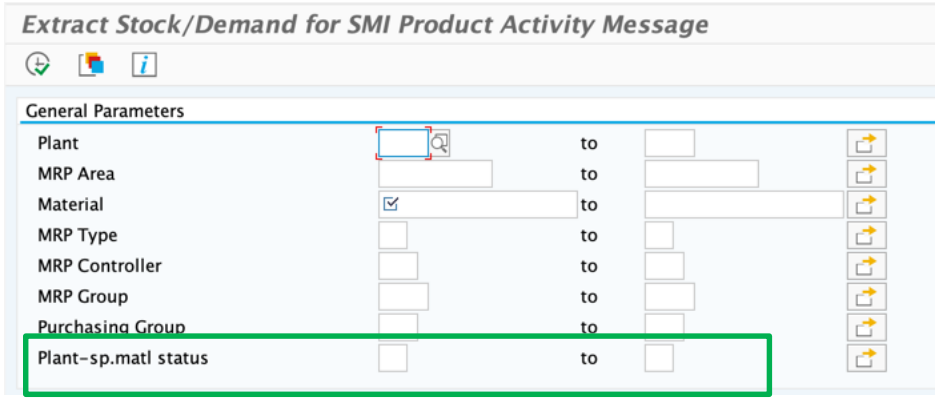
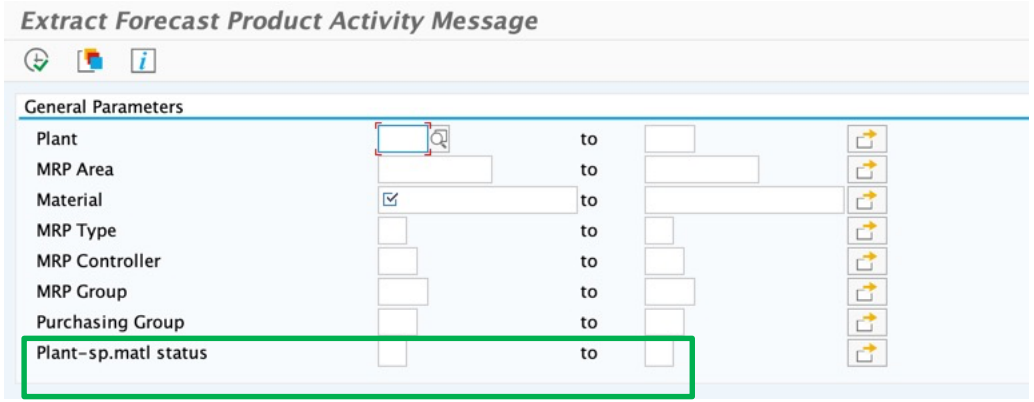
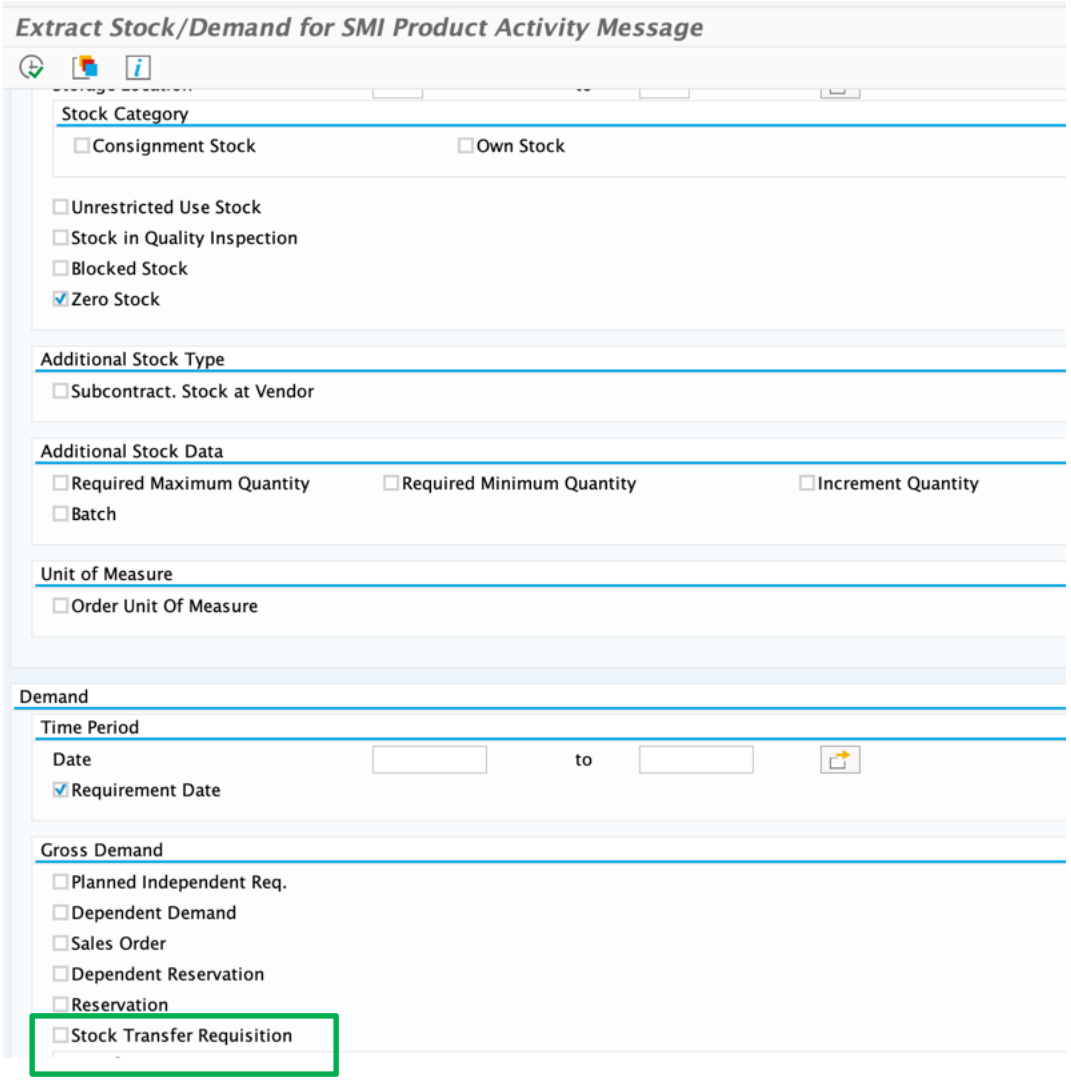
IG-19847: Enhancements to the product activity message for supplier managed inventory and forecast collaboration







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IG-14435: Integration to support sending work order-based purchase orders to Ariba Network

Customer Challenge

- Purchase Orders generated from Plant Maintenance Work Orders were not integrated with Ariba Network

Solution

- Purchase Orders generated from Plant Maintenance Work Orders are integrated with Ariba Network sending workorder information and Equipment ID associated with the Work Order
- Work Order information is sent at accounting level whereas Equipment ID is sent at PO Item level

Key Benefits

- Enhanced collaboration for Buyers and Suppliers specific to Plant Maintenance service orders

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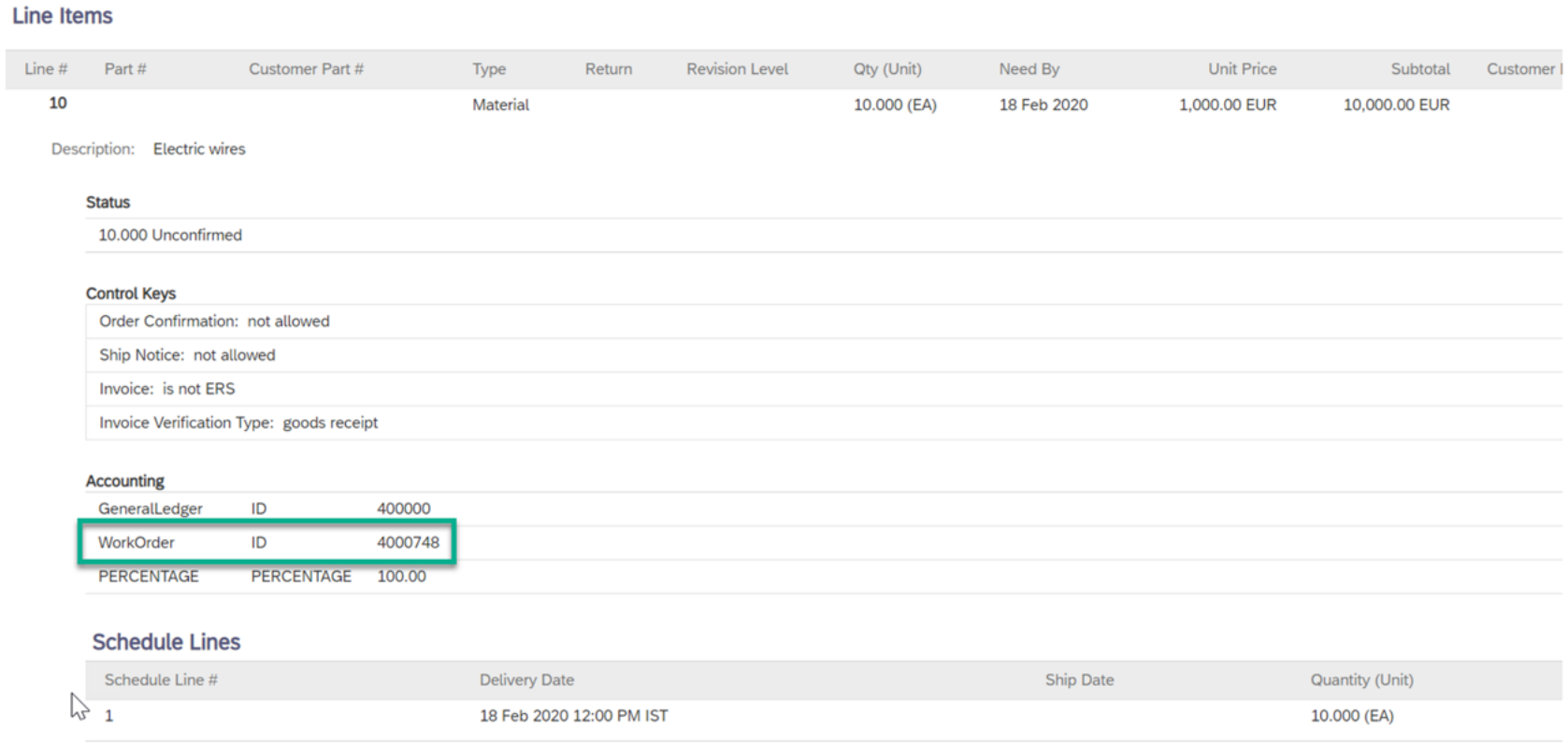
IG-14435: Integration to support sending work order-based purchase orders to Ariba Network



Line Items

Line #	Part #	Customer Part #	Type	Return	Revision Level	Qty (Unit)	Need By	Unit Price	Subtotal	Customer I
10			Material			10.000 (EA)	18 Feb 2020	1,000.00 EUR	10,000.00 EUR	

Description: Electric wires

Status

10.000 Unconfirmed

Control Keys

Order Confirmation: not allowed

Ship Notice: not allowed

Invoice: is not ERS

Invoice Verification Type: goods receipt

Accounting

GeneralLedger	ID	400000
WorkOrder	ID	4000748
PERCENTAGE	PERCENTAGE	100.00

Schedule Lines

Schedule Line #	Delivery Date	Ship Date	Quantity (Unit)
1	18 Feb 2020 12:00 PM IST		10.000 (EA)

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IG-19268 : Enhancements to integration for quality notifications

Customer Challenge

- Existing Quality Notification integration did not support certain use cases and ERP buyers needed to implement customization via BADIs

Solution

- Configuration option to
  - restrict sending Quality Notifications based on certain system status / user status
  - prevent sending certain Tasks / Activities that are considered internal to buyer's organization
  - enable Quality Notification integration for a specific suppliers and Company Code
- Support integration of Quality Notifications
  - with free text material (without reference to a material master ID)
  - with serial numbers in the header from ERP to Ariba Network and vice versa
  - with item material and item batch from ERP to Ariba Network and vice versa
- Provided a new method - user-triggered action - to send quality notification from ERP
- New event linkage configuration is provided to trigger QN integration based on events INPROCESS / APPROVED
- Many more additional functionality enhancements are delivered (Refer to feature documentation)

Key Benefits

- Enhanced control for Quality Notification integration with standard out of the box integration

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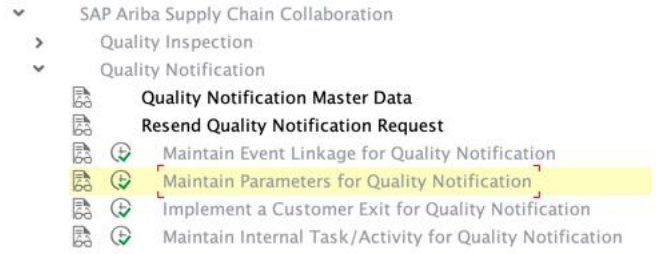
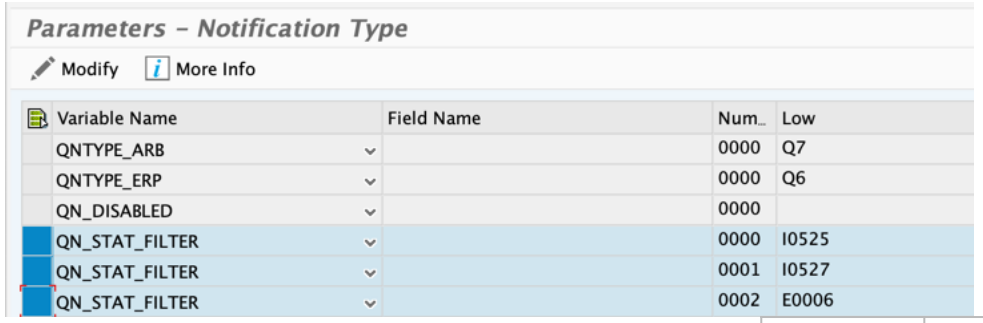
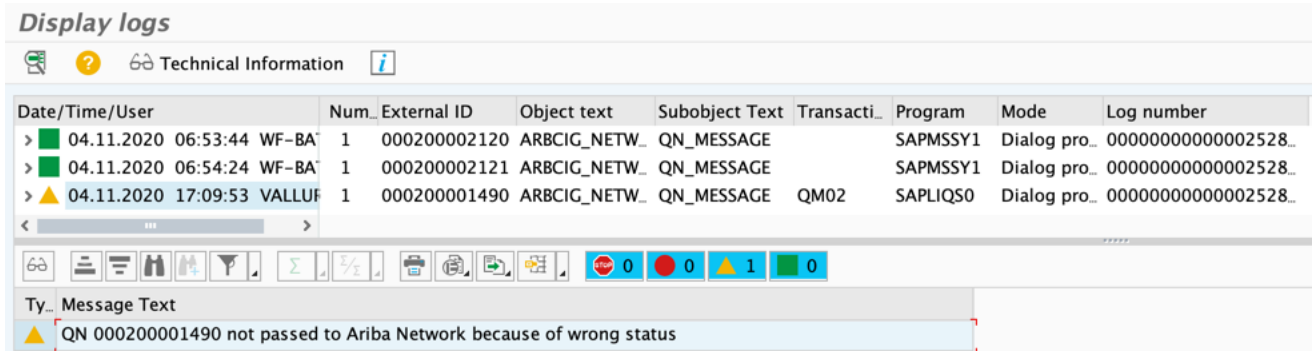
IG-19268 : Enhancements to integration for quality notifications

Prevent sending Quality Notification to Ariba Network based on System status and/or User Status





I0527	APRF	Approval: Refused
I0525	APRQ	Approval: Required



In addition, new BADI ARBCIG_QN_FILTER is provided to alter / customize the functionality, for example, based on QN type or Creation date

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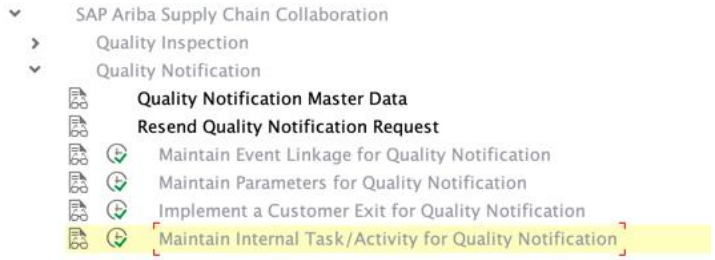
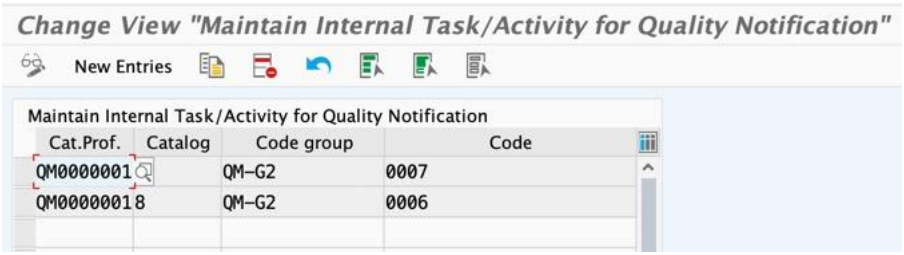
IG-19268 : Enhancements to integration for quality notifications

Prevent sending specific QN Tasks / Activities to Ariba Network





Tasks and Activities configured here are also <u>excluded</u> in QN Master data export

In addition, new BADI ARBCIG_QN_FILTER is provided to alter / customize the functionality, for example, based on QN type or Creation date

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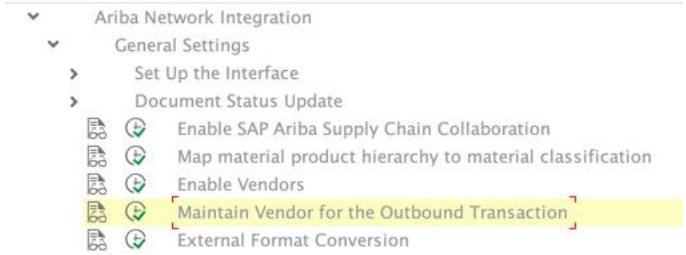
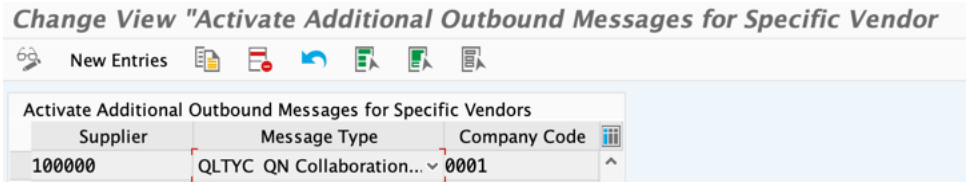
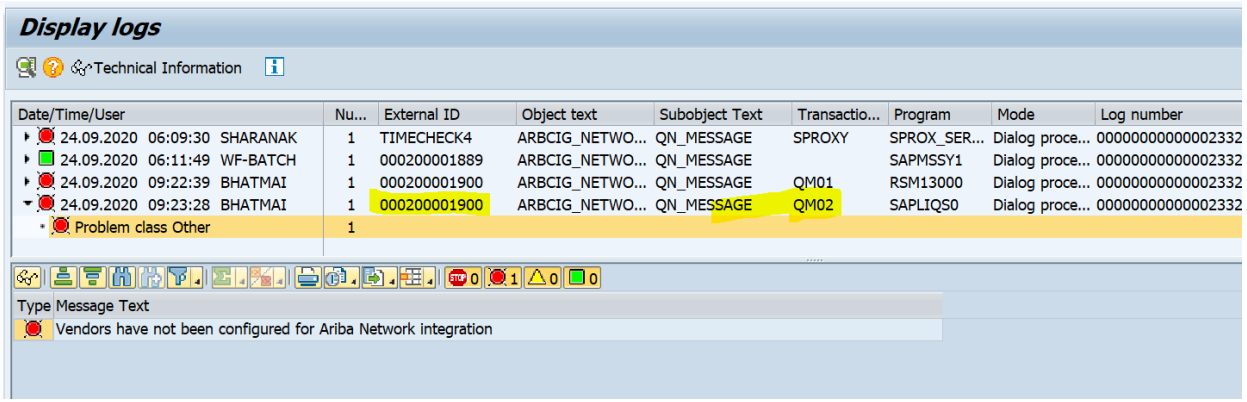
IG-19268 : Enhancements to integration for quality notifications

Enable QN Collaboration for specific Suppliers and Company Codes







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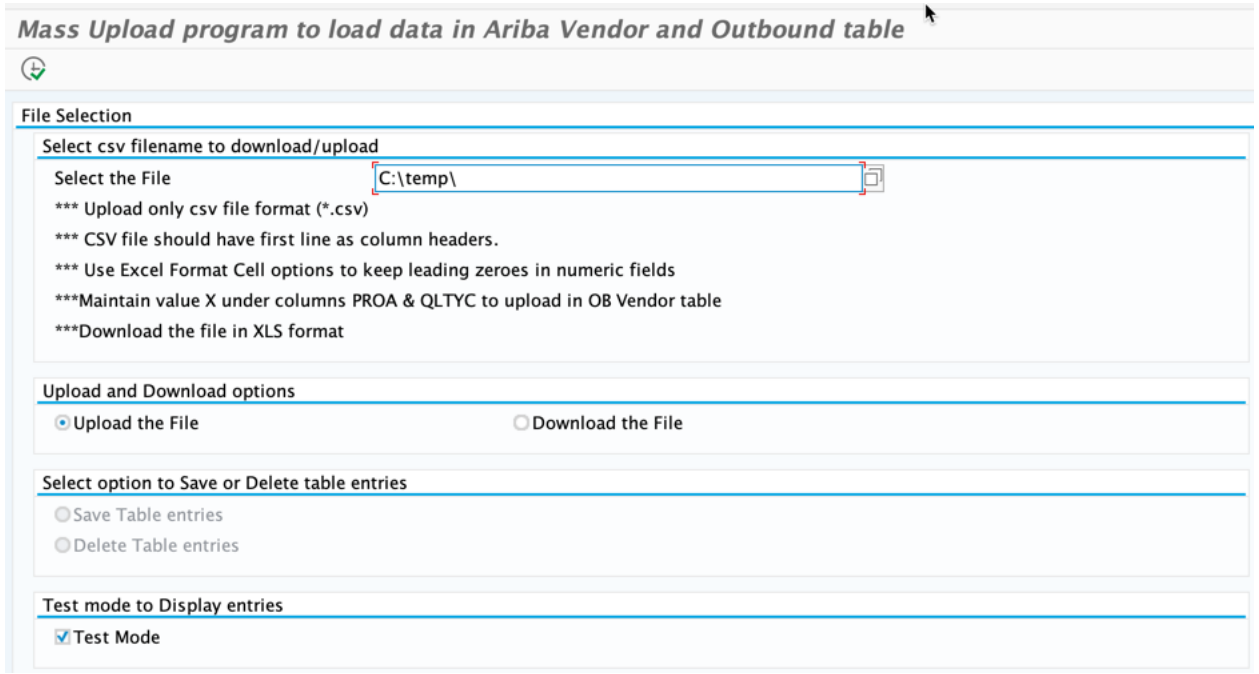
IG-19268 : Enhancements to integration for quality notifications

Enable QN Collaboration for specific Suppliers and Company Codes: Upload program

Transaction: ARBCIG_AN_VENDOR_UPL



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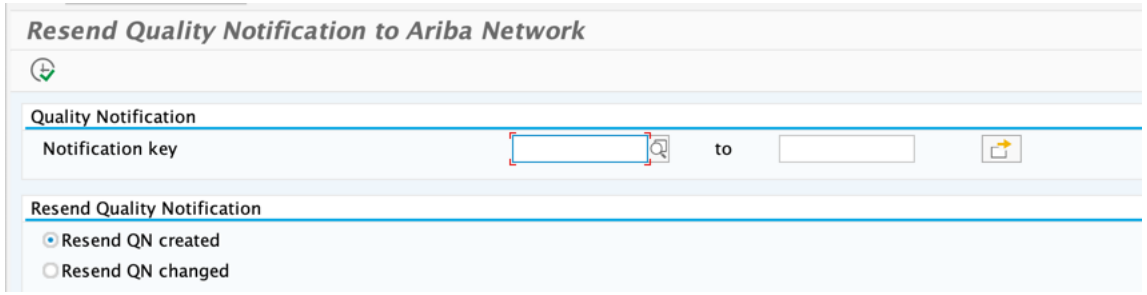
IG-19268 : Enhancements to integration for quality notifications

User Triggered Transaction to send / resend Quality Notification to Ariba Network

Transaction: ARBCIG_QLTY_NOITF



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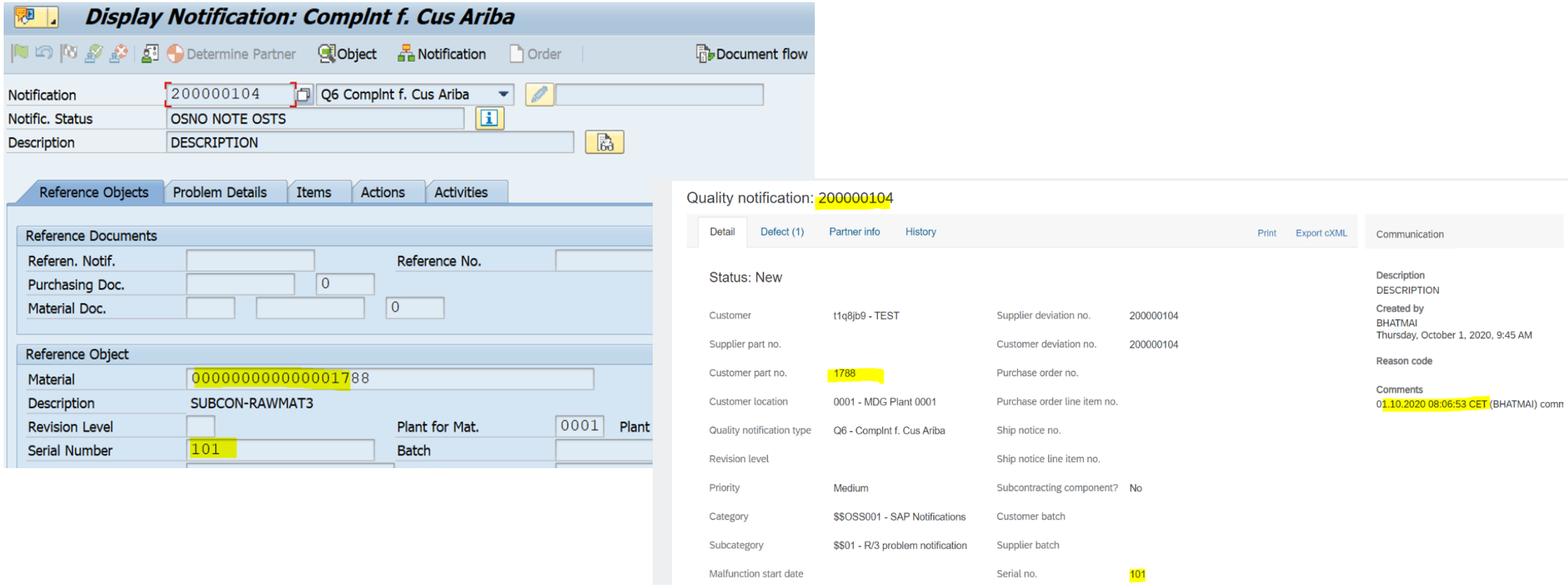
IG-19268 : Enhancements to integration for quality notifications

Quality Notification with Serial Number as Reference Object



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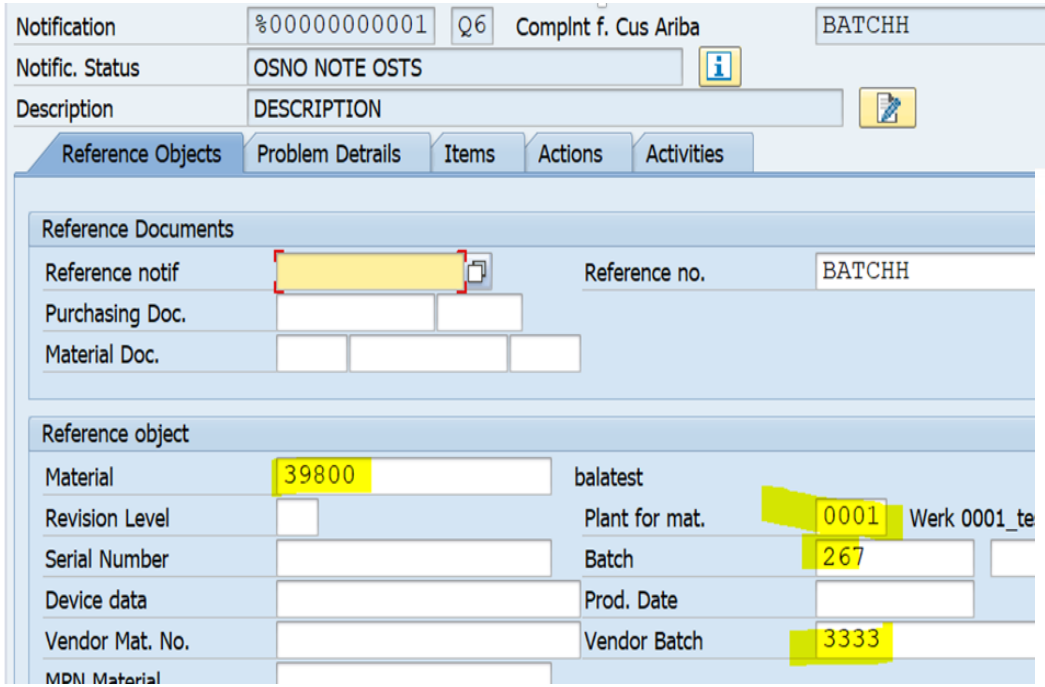
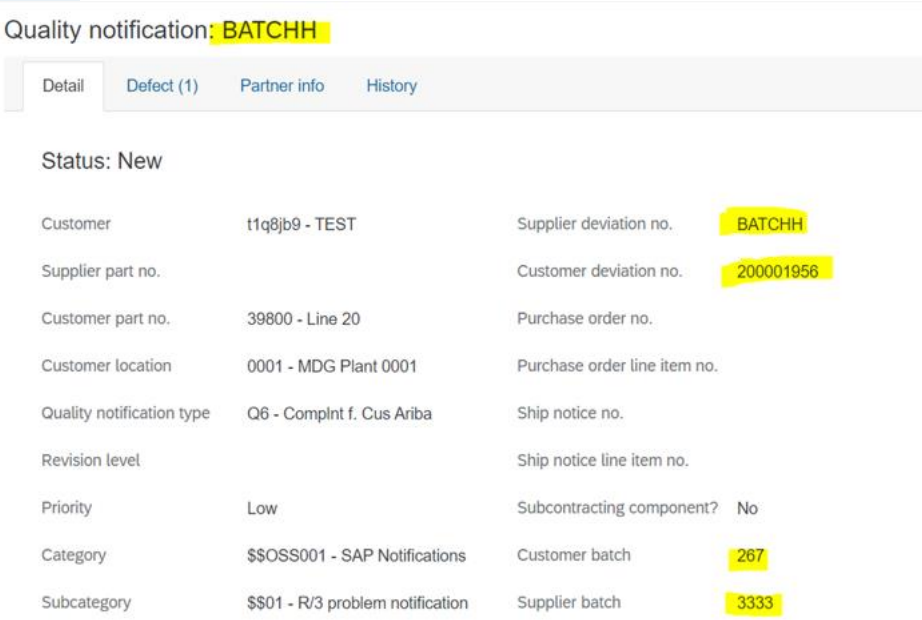
IG-19268 : Enhancements to integration for quality notifications

Quality Notification with Batch & Supplier Batch as Reference Object in QN Header





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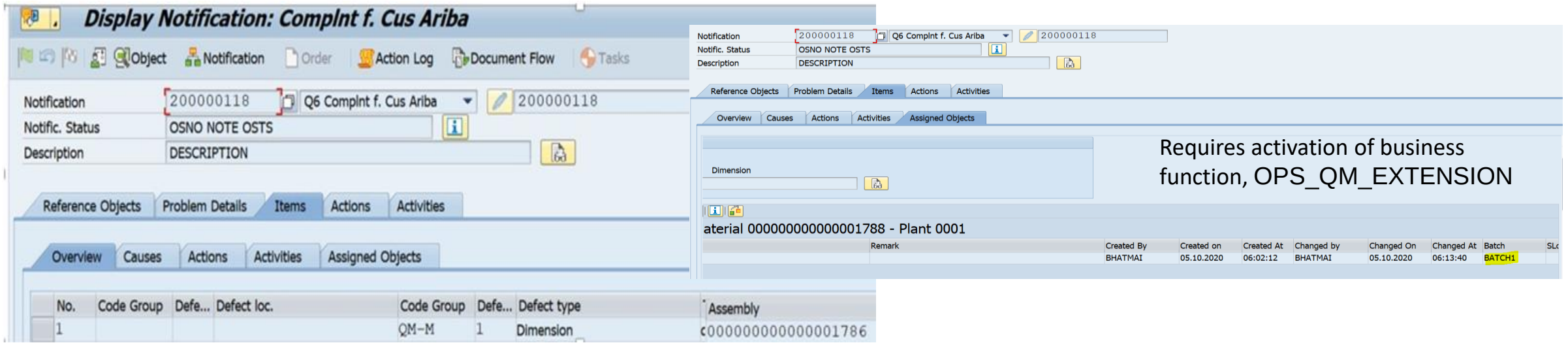
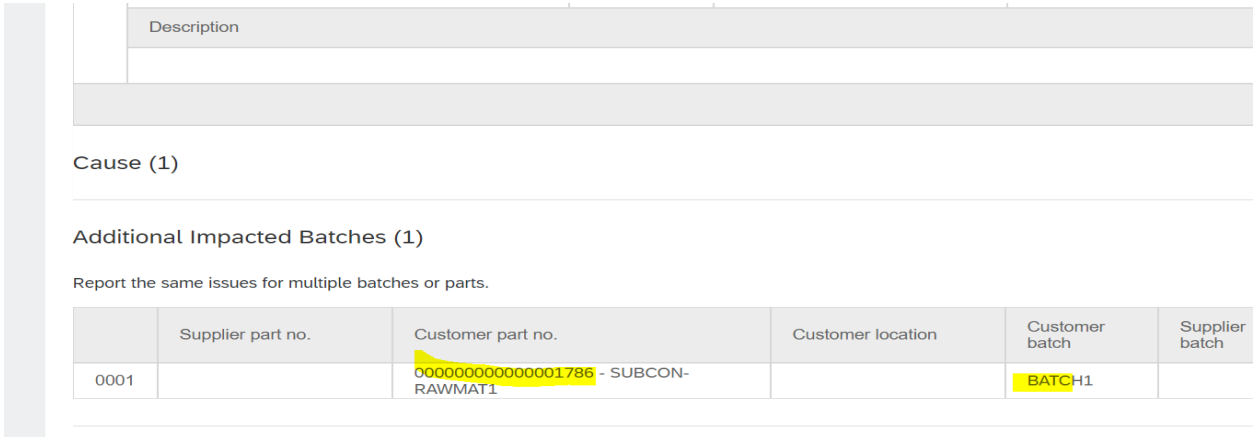
IG-19268 : Enhancements to integration for quality notifications

Quality Notification with Batch at QN Item (One Batch per Item)





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New Feature Innovations: Ariba Network Sell Side

New Feature Innovations: Ariba Network Sell Side

- **IG-18421** **Including buyer's VAT ID in invoices created on the supplier's ERP system**
  - ✓ Buyer and Supplier VATIDs sent on Invoice from AddOn.
- **IG-20875** **ER - EDI limitation on Decimals (ASCx12, EDIFACT and EANCOM)**
  - ✓ Due to EDI limitation (ASCx12, EDIFACT and EANCOM) CIG will truncate the value to its corresponding limitation because AN cXML support up to 15 decimals.
- **IG-12033** **EANCOM INVOIC D96A to cXML InvoiceDetailRequest - Parity update to cXML 1.2.043**
  - ✓ The qualifier "ACE" has to be added in the codelist
  - ✓ And over 90 new mapping segments will be covered in this parity update
- **IG-12034** **cXML OrderRequest to EANCOM ORDERS D96A - Parity update to cXML 1.2.043**
  - ✓ And over 70 new mapping segments will be covered in this parity update
- **IG-12035** **cXML OrderRequest to EANCOM ORDCHG D96A - Parity update to cXML 1.2.043**
  - ✓ And over 70 new mapping segments will be covered in this parity update
- **IG-12031** **EDIFACT INVOIC D01B to cXML InvoiceDetailRequest - Parity update to cXML 1.2.043**
  - ✓ And over 70 new mapping segments will be covered in this parity update

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New Feature Innovations: Ariba Applications

- Buying & Invoicing
- Sourcing
- Contracts

New Feature Innovations: Ariba Applications

- **IG-20805** **Support for importing the input tax code and the withholding tax code master data from SAP ERP or SAP S/4HANA to SAP Ariba Procurement solutions**

- **IG-21022** **Enhancement to the interface to extract user master data from SAP ERP to master data native interface (MDNI)**

- **IG-17025** **Support for integrating scheduling agreements between SAP Ariba Sourcing and SAP ERP or SAP S/4HANA**

- IG-14732 Integration to support sending production facility information between SAP Ariba Contracts and SAP ERP

  - ✓ Include production facility information in the contract workspace. Specify information about the production facility associated with the supplier. This contract is published to SAP ERP or SAP S/4HANA as a contract
  - ✓ BADI to support change Partner Functions
  - ✓ Configure partner determination procedure to process production facility information
  - ✓ Enable SAP Ariba Supplier Lifecycle and Performance (SLP)

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IG-20805 :Exporting the input tax code and the withholding tax code master data to SAP Ariba Procurement solutions

Customer Challenge

- Importing of Withholding Tax codes from SAP ERP to Ariba Procurement systems is not supported. Transactions like invoice support Withholding Tax, customers had to manually import the WHT codes.
- Earlier tax code data model was replaced with a newer data model and previous tax code import event is deprecated. Need to support the new import event and data model.

Solution

- Existing Master data extract program is enhanced to provide export of:
  - ✓ Input tax codes and
  - ✓ Withholding tax code
- Using the import new events for Tax code:
  - ✓ Import Tax code, Import Tax component, Import Tax types and Import Tax type mapping.
  - ✓ Out of the box integration is provided for Tax code and Tax component events.
  - ✓ Customers have to manually create and upload for Tax type and Tax type mapping.
- Full load only.

Key Benefits

- New option to automatic extract of WHT and Input tax Codes, in addition to older tax code export.
- Supports new import event and tax code master data, thereby reducing manual import of tax codes

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IG-20805 :Exporting the input tax code and the withholding tax code master data

Transaction FTXP: Input Tax Code

Tax code Edit Goto Settings Utilities Environment System Help

Maintain Tax Code: Tax Rates

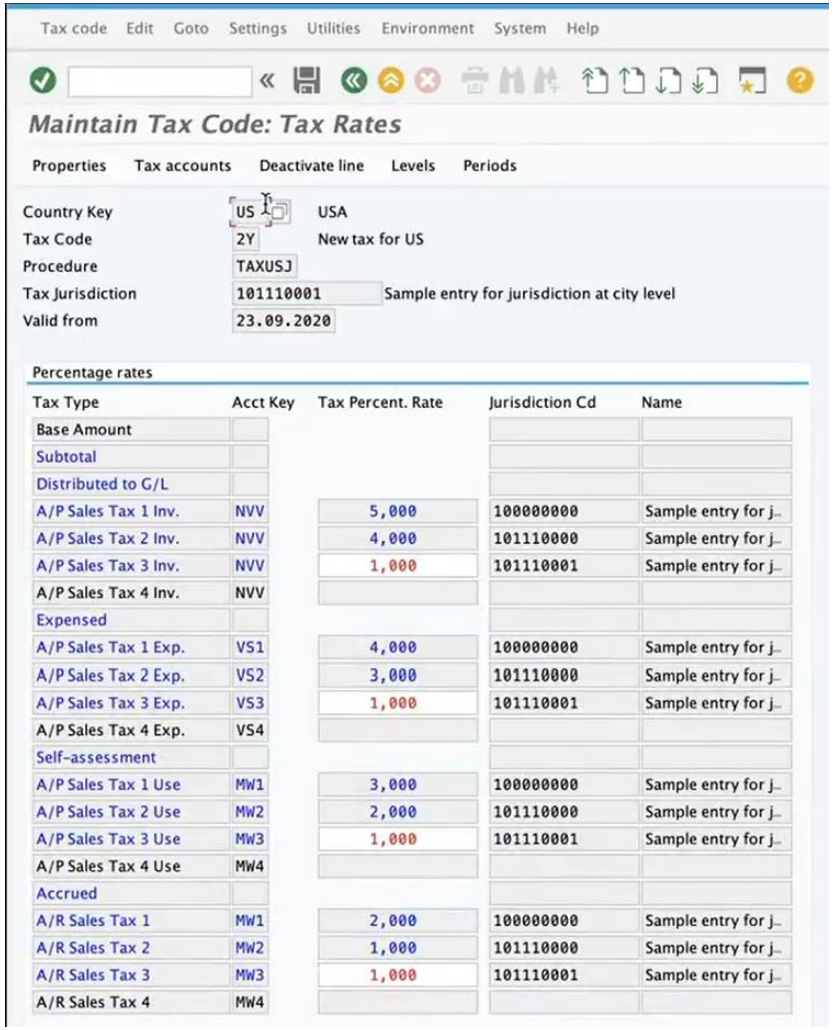
Properties Tax accounts Deactivate line

Country Key	DE	Germany
Tax Code	1Y	New Tax for DE
Procedure	TAXD	
Tax type	V	Input tax

Percentage rates

Tax Type	Acct Key	Tax Percent. Rate	Level	From Lvl	Cond. Type
Base Amount			100	0	BASB
Output Tax	MWS	5,000	110	100	MWAS
Input tax	VST	3,000	120	100	MWVS
Travel Expenses (%)	VST		130	100	MWRK
Non-deduct.Input Tax	NVP	2,000	140	100	MWVN
Non-deduct.Input Tax	NVV		150	100	MWVZ
Acquisition Tax Cred	ESA		200	100	NLXA
Acquisition Tax Deb.	ESE		210	200	NLXV
SD Tax	MWS		220	200	GS01

Input Tax Code w Jurisdiction



Tax code Edit Goto Settings Utilities Environment System Help

Maintain Tax Code: Tax Rates

Properties Tax accounts Deactivate line Levels Periods

Country Key	US	USA
Tax Code	2Y	New tax for US
Procedure	TAXUSJ	
Tax Jurisdiction	101110001	Sample entry for jurisdiction at city level
Valid from	23.09.2020	

Percentage rates

Tax Type	Acct Key	Tax Percent. Rate	Jurisdiction Cd	Name
Base Amount				
Subtotal				
Distributed to G/L				
A/P Sales Tax 1 Inv.	NVV	5,000	100000000	Sample entry for j...
A/P Sales Tax 2 Inv.	NVV	4,000	101110000	Sample entry for j...
A/P Sales Tax 3 Inv.	NVV	1,000	101110001	Sample entry for j...
A/P Sales Tax 4 Inv.	NVV			
Expensed				
A/P Sales Tax 1 Exp.	VS1	4,000	100000000	Sample entry for j...
A/P Sales Tax 2 Exp.	VS2	3,000	101110000	Sample entry for j...
A/P Sales Tax 3 Exp.	VS3	1,000	101110001	Sample entry for j...
A/P Sales Tax 4 Exp.	VS4			
Self-assessment				
A/P Sales Tax 1 Use	MW1	3,000	100000000	Sample entry for j...
A/P Sales Tax 2 Use	MW2	2,000	101110000	Sample entry for j...
A/P Sales Tax 3 Use	MW3	1,000	101110001	Sample entry for j...
A/P Sales Tax 4 Use	MW4			
Accrued				
A/R Sales Tax 1	MW1	2,000	100000000	Sample entry for j...
A/R Sales Tax 2	MW2	1,000	101110000	Sample entry for j...
A/R Sales Tax 3	MW3	1,000	101110001	Sample entry for j...
A/R Sales Tax 4	MW4			

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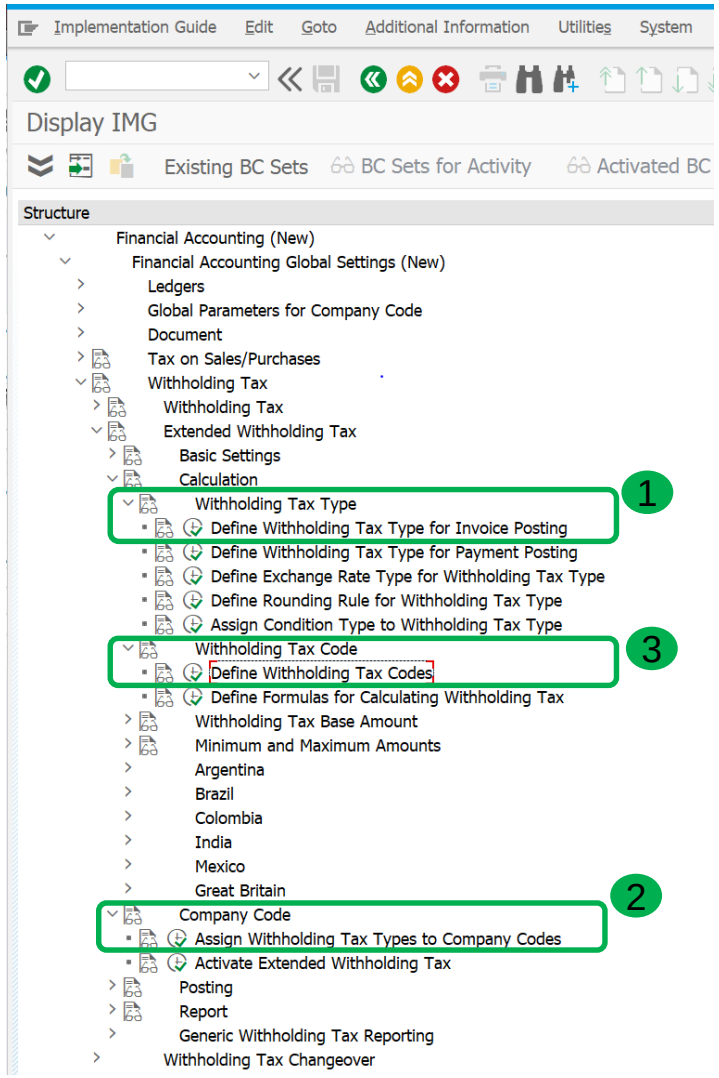
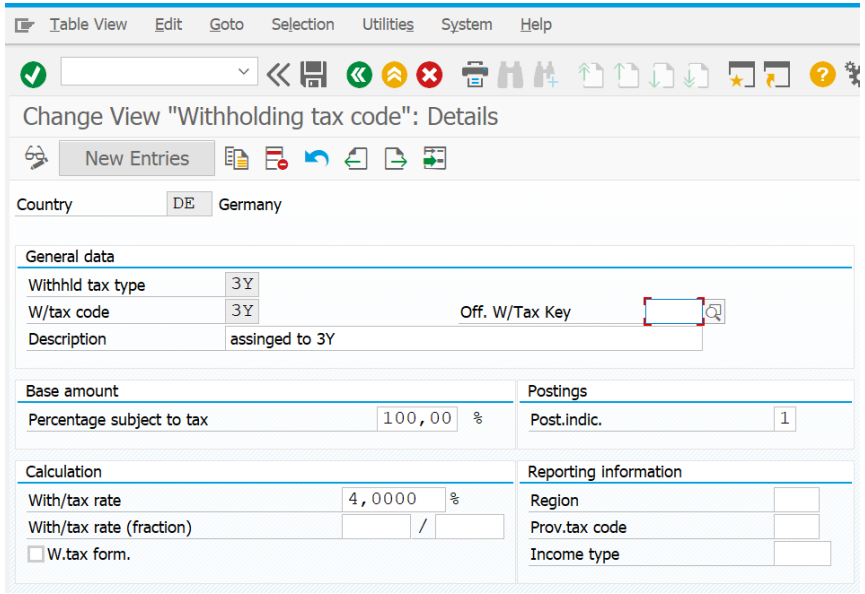
IG-20805 :Exporting the input tax code and the withholding tax code master data

Withholding Tax Code Config.



Withholding Tax Code details



Tax Type Category

Tax Type	Category
Input Tax	02
Withholding Tax	64

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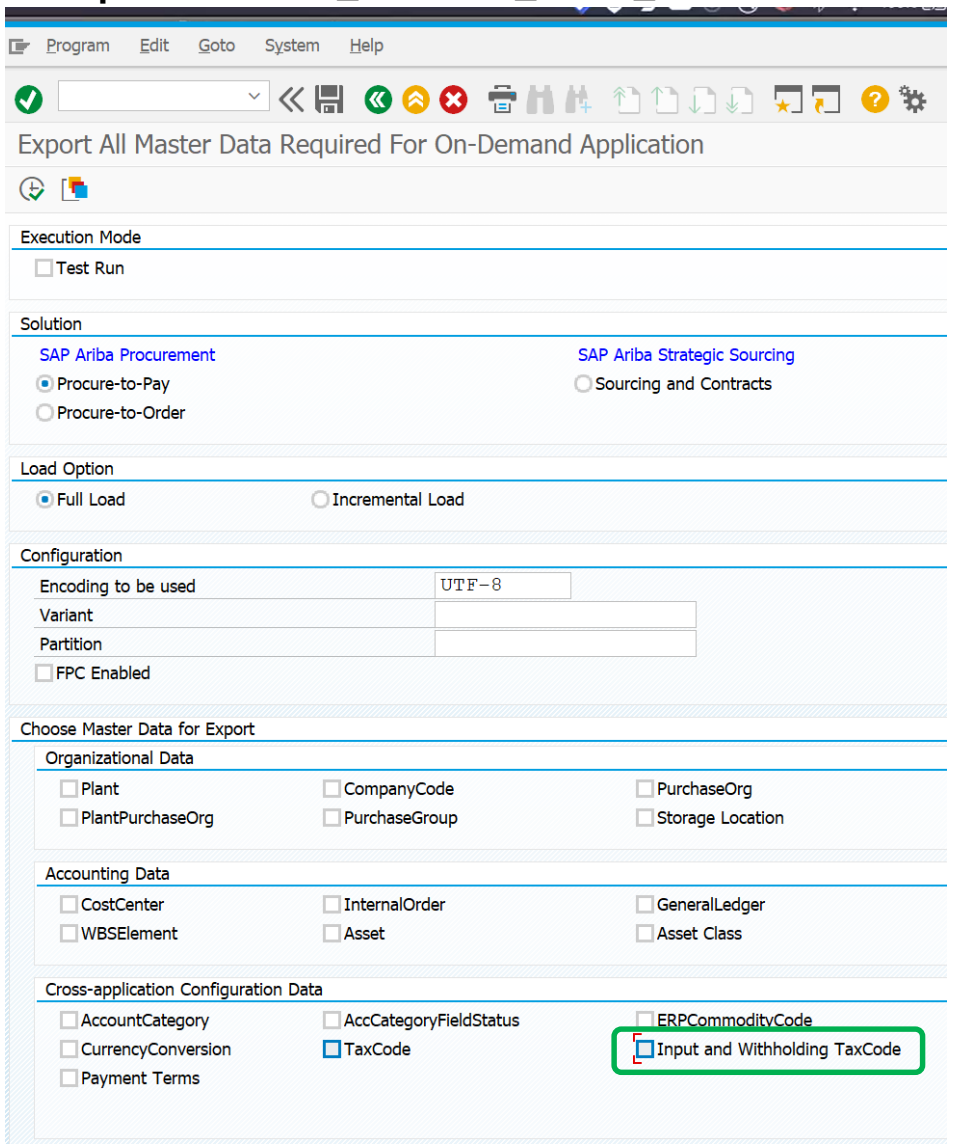
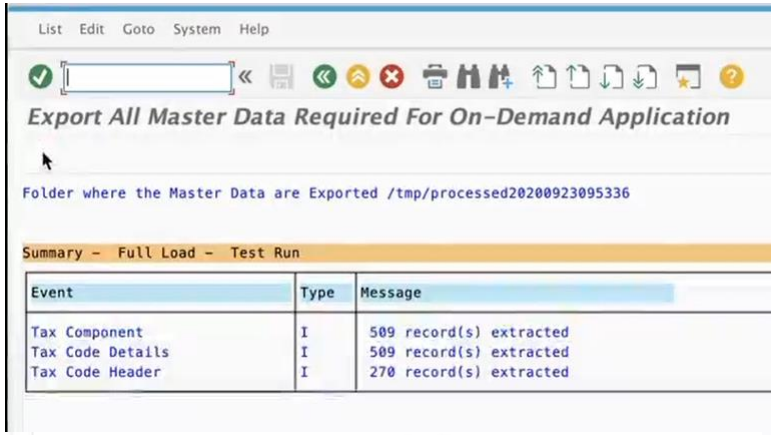
IG-20805 :Exporting the input tax code and the withholding tax code master data

Report: ARBCIG_MASTER_DATA_EXPORT



Exported Files:



TaxCodeDetails

	UTF-8							
2	Sequence	Component	AppliedOn	MWSKZ	LAND1	BUKRS	ZZSTUN2	ZZSTUNR
3	AY	3Y3Y0001	BaseAmount	3Y	DE	1	0	0
4	A	1YDEMWAS	BaseAmount	1Y	DE		0	110
5	A	2YUSJP1I100000000	BaseAmount	2Y	US		0	210
6	B	1YDEMWVS	BaseAmount	1Y	DE		0	120
7	B	2YUSJP2I101110000	BaseAmount	2Y	US		0	220
8	C	2YUSJP3I101110001	BaseAmount	2Y	US		0	230
9	D	1YDEMWVN	BaseAmount	1Y	DE		0	140
10	E	2YUSJP1E100000000	BaseAmount	2Y	US		0	310
11	F	2YUSJP2E101110000	BaseAmount	2Y	US		0	320
12	G	2YUSJP3E101110001	BaseAmount	2Y	US		0	330
13	I	2YUSJP1U100000000	A	2Y	US		0	410
14	J	2YUSJP2U101110000	A	2Y	US		0	420
15	K	2YUSJP3U101110001	A	2Y	US		0	430
16	M	2YUSJR1100000000	BaseAmount	2Y	US		0	510
17	N	2YUSJR2101110000	BaseAmount	2Y	US		0	520
18	O	2YUSJR3101110001	BaseAmount	2Y	US		0	530

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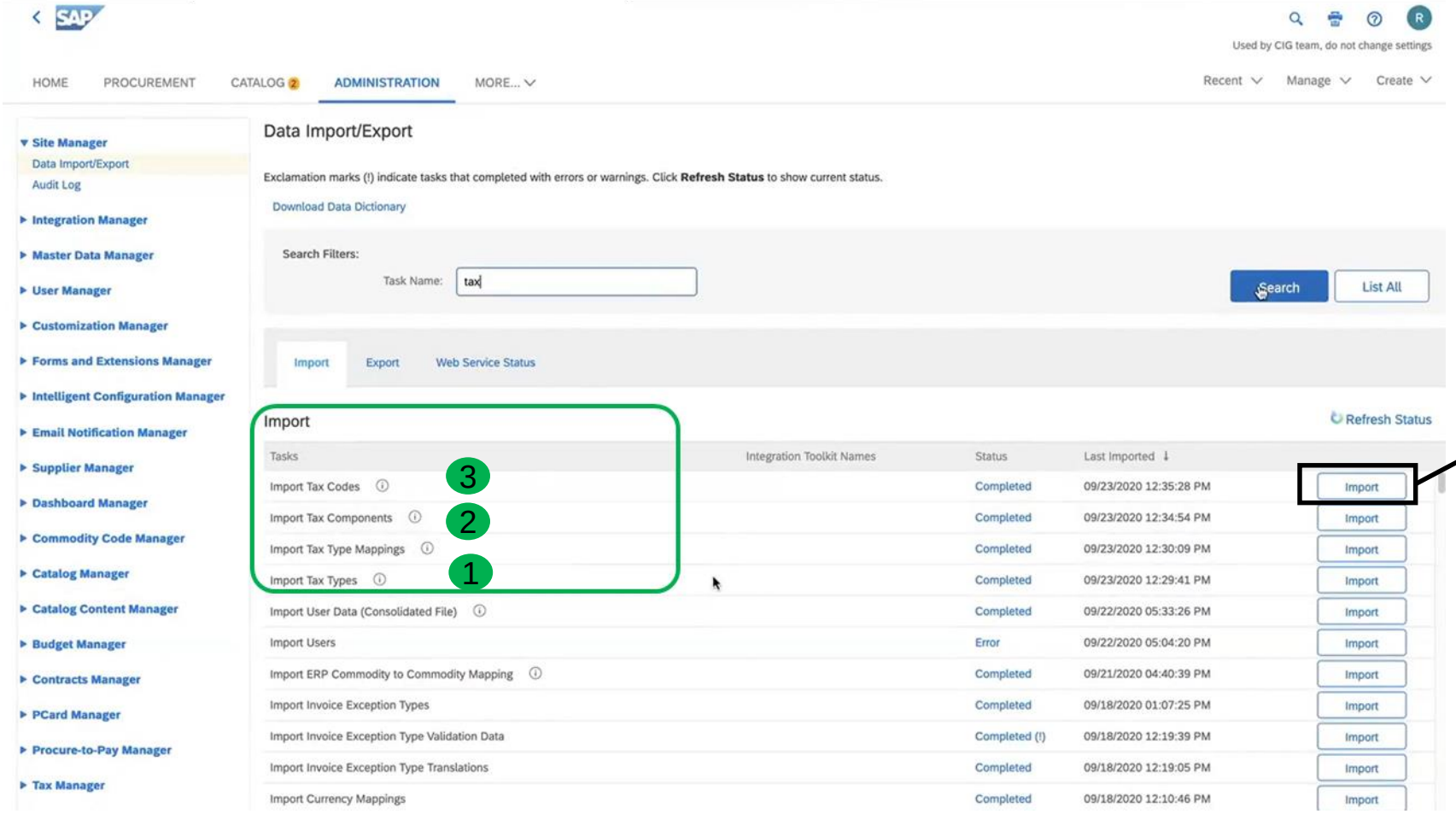
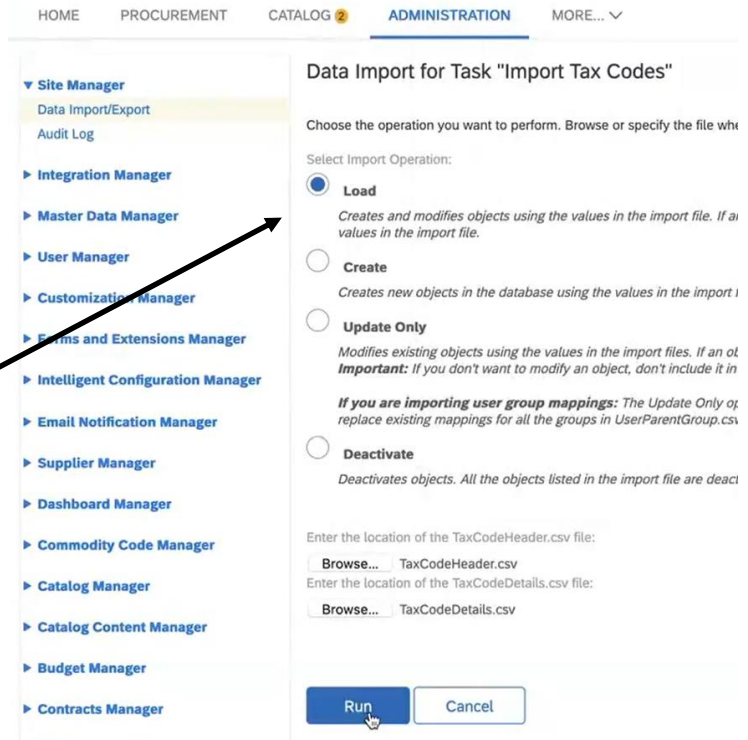
IG-20805 :Exporting the input tax code and the withholding tax code master data

Buyer : Core Administration → Data Import/Export



Import Tax Codes



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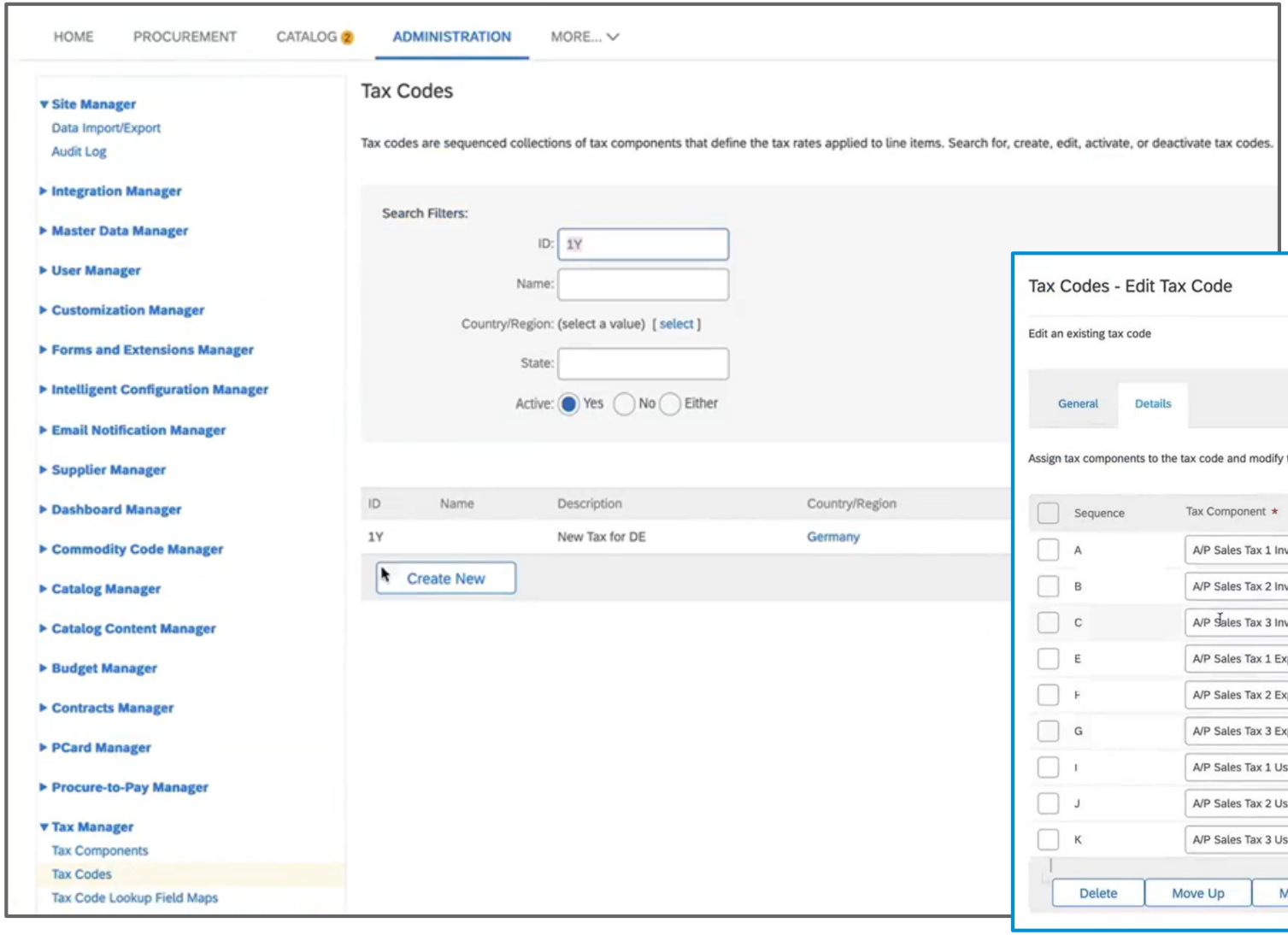
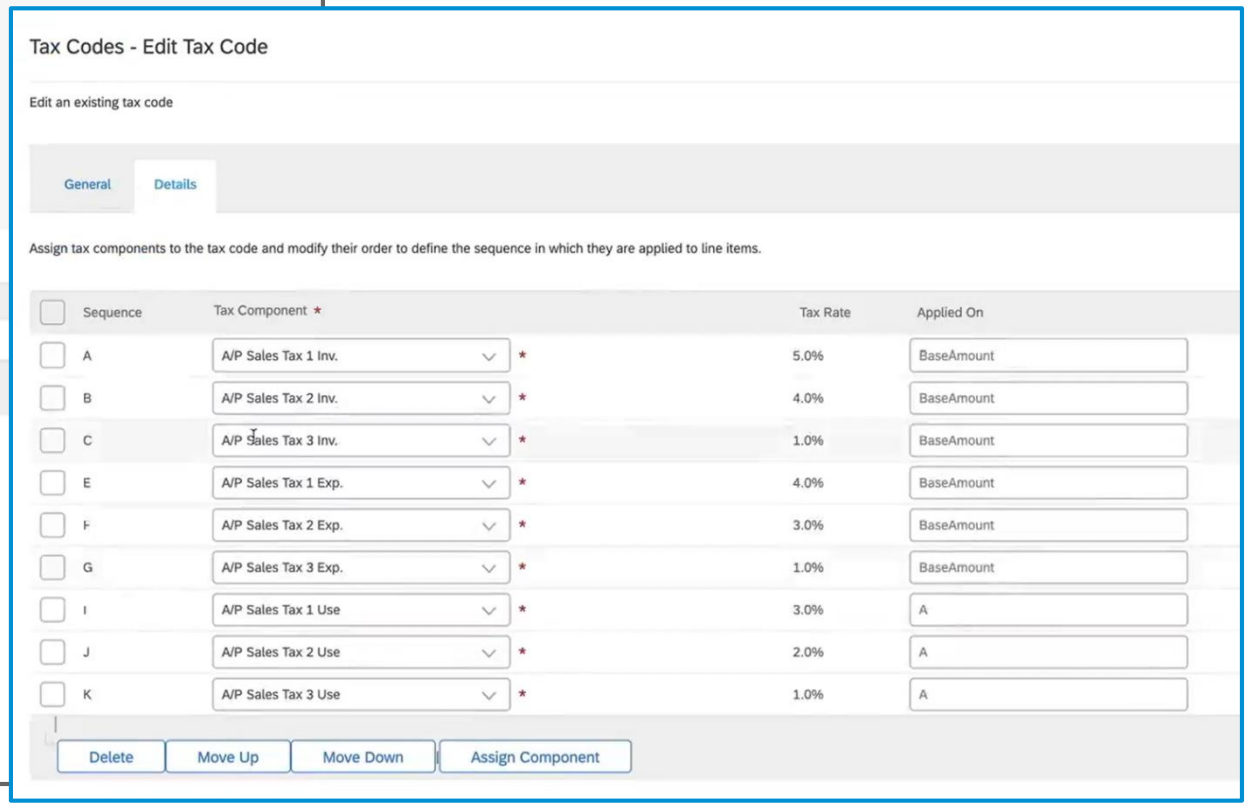
IG-20805 :Exporting the input tax code and the withholding tax code master data

Buyer : Core Administration → Tax Manager → Tax Codes



Details:



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IG-21022 : Enhancement to the interface to extract user master data via MDNI

Customer Challenge

- Fix and enhance the end-to-end integration User Master upload from SAP ERP to Ariba Buyer or MDS via master data native interface (MDNI).

Solution

- As part of this release, existing user interface is regenerated and enhanced in accordance with MDNI API to support end-to-end User Master upload
- Fields exported - Name, email, cost center, GL Account, User Group
  - ✓ Configure Ariba User HR event linkage in SPRO
  - ✓ Maintain user profiles for user master - Maintain relevant roles applicable for SAP Ariba solutions

Key Benefits

- User Master data prerequisite for integration in various scenarios.
- Supports incremental export option to fetch the added/changed user records

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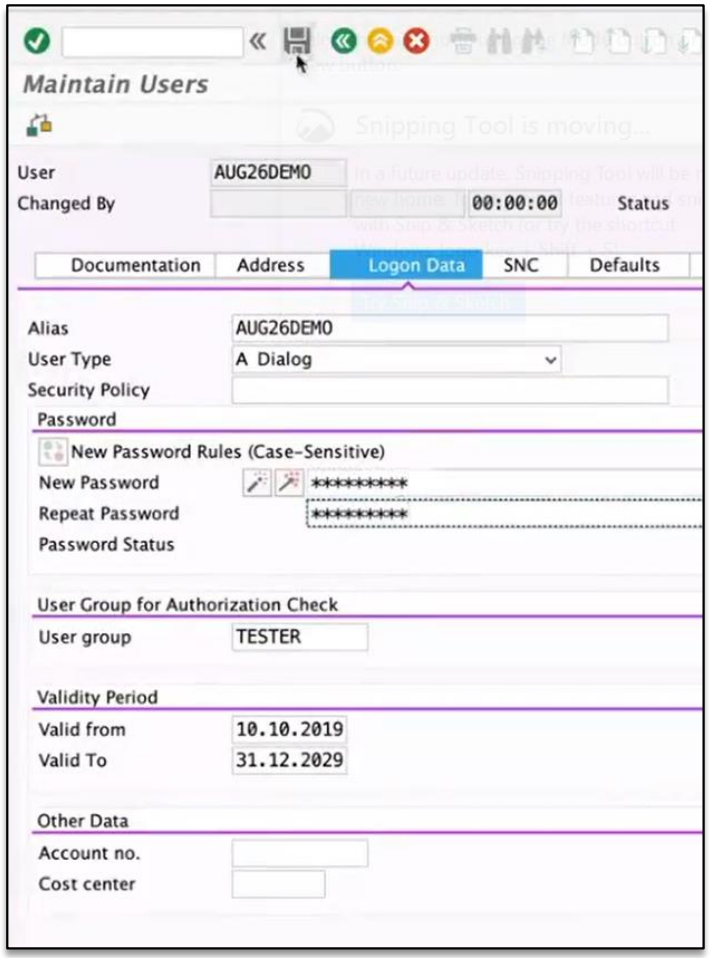
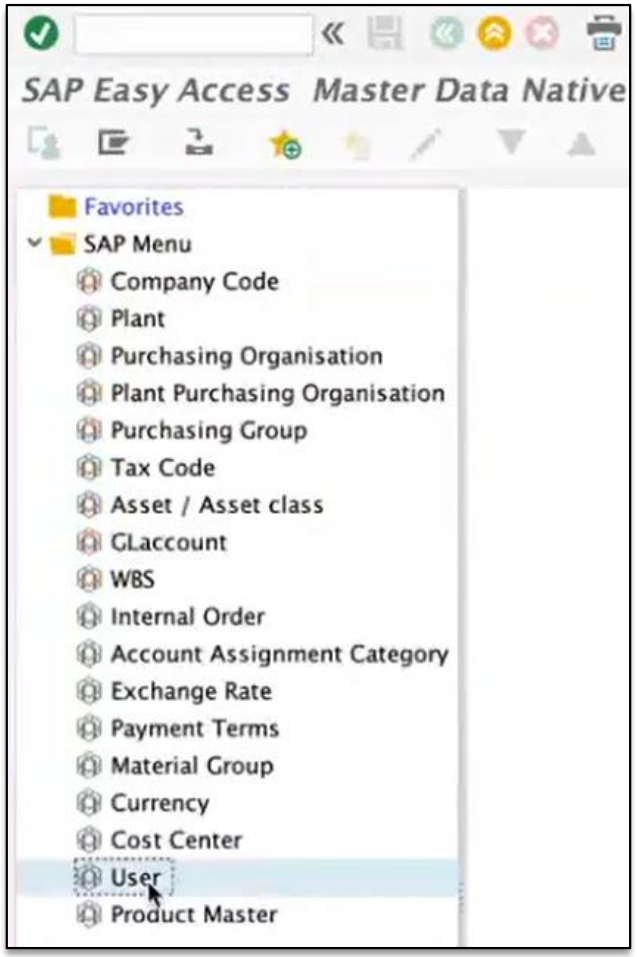
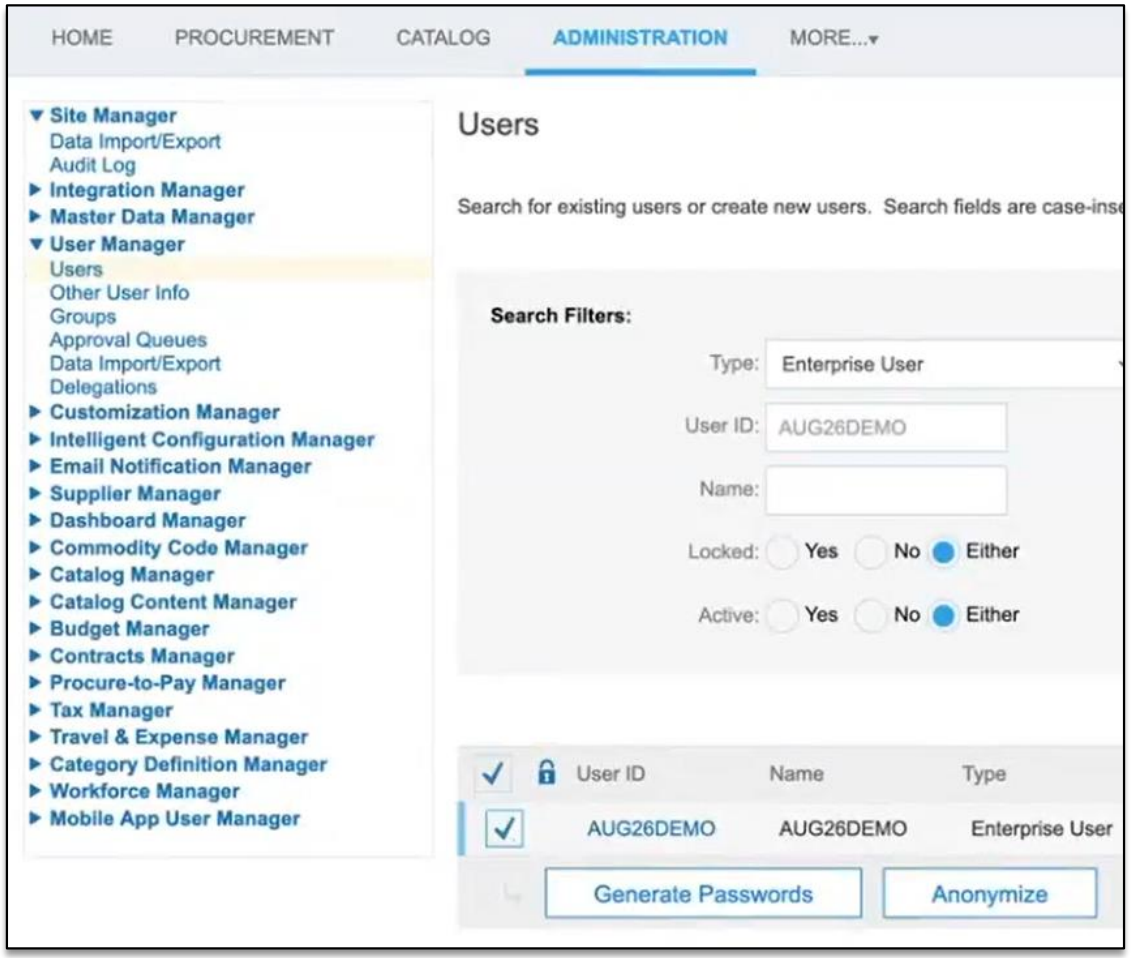
IG-21022 : Enhancement to the interface to extract user master data from SAP ERP via master data native interface (MDNI)

User in ERP backend → Report: ARBCIG_MDNI_USER → User replicated to Ariba Buyer / MDS







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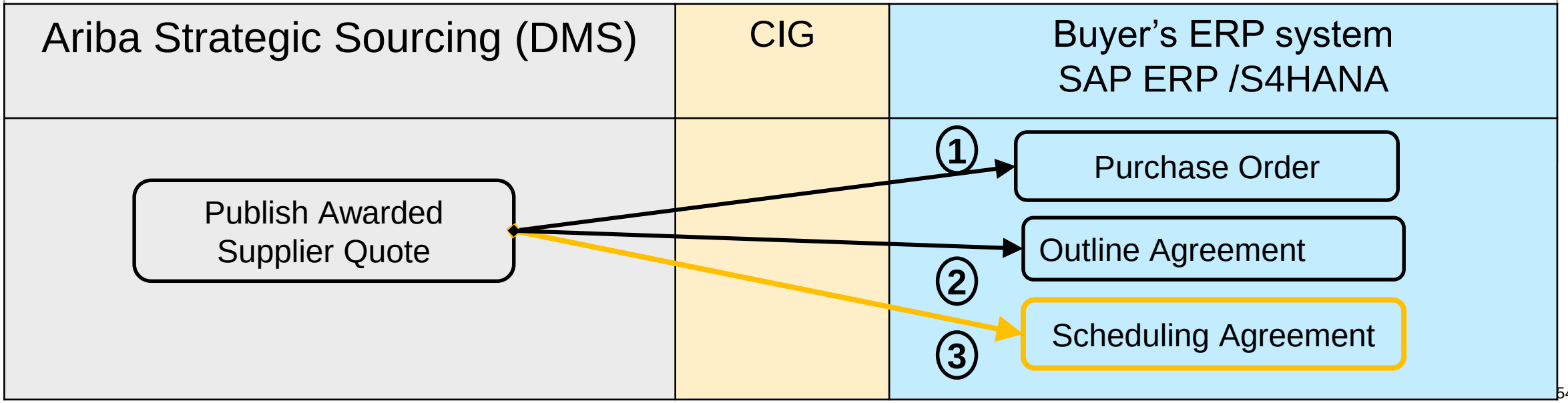
IG-17025: Integrating scheduling agreements between SAP Ariba Sourcing and SAP ERP or SAP S/4HANA

Customer Challenge

- In the past, buyers could only create purchase orders or contracts in SAP ERP or SAP S/4HANA.
- Advanced Pricing Conditions and Scales were supported only for Contracts/Outline Agreement Integration between Ariba Sourcing or Contracts and SAP ERP or SAP S/4 HANA On-Premise

Solution

- Support publishing a RFx Award with Advanced Pricing conditions & Scales from Ariba Sourcing to SAP ERP or SAP S/4 HANA On-Premise as a Schedule Agreement(LP or LPA).



IG-17025: Support for advanced pricing conditions and scales in scheduling agreements

Supported pricing conditions

- Pricing conditions – Gross price, discounts, and surcharges for fixed amounts
- Price validity format - Monthly, quarterly, annually, and custom price validity
- Scale Types - From and To scales

Restrictions

- Scheduling agreement must only contain material items, service items are not supported
- Deletion of validity period or scales for pricing conditions is not supported.
- SAP Ariba Contracts supports Fixed amount calculation type only. Scheduling agreements with the percentage values for surcharge and discounts or with graduated scales is not supported.
- This end-to-end integration does not support schedule lines in scheduling agreements.

Key Benefits

- Buyers using scheduling agreements can shorten and simplify the entire process.
- Take advantage of the flexible pricing options with multiple breaks in time and price ranges.

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New Feature Innovations: IES S2P Integrations

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

- **IES Scope Item 4BL: Sourcing with SAP Ariba Sourcing**
  - IG-17112 Support for mappings-based integration of the Sourcing with SAP Ariba Sourcing (4BL) integration scenario
  - IG-20806 Support attachment in Sourcing Integration in CIG - 4BL
- **IES Scope Item 4QN: Sourcing for Central Procurement with SAP Ariba Sourcing**
  - IG-16468 SAP Ariba Cloud Integration Gateway support for the Central Procurement with Ariba Sourcing (4QN) integration scenario
- **IES Scope Item 42K: Automation of Source-to-Pay with Ariba Network**
  - IG-14654 Support for order confirmations for lean services (42K)
  - IG-17649 Support for quick enablement of suppliers on Ariba Network based on the purchase order sent from SAP S/4HANA Cloud to Ariba Network (42K)
  - IG-17873 Support for goods return cancellation for purchase orders from SAP S/4HANA Cloud to Ariba Network (42K)
- **IES Scope Item 4A1: Automation of Order-to-Invoice with Ariba Network**
  - IG-20266 Enhancements to Outbound Invoice enhancements for Automation of Order-to-Invoice with Ariba Network (4A1)

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IG-17112 : Support for mappings-based integration of the Sourcing with SAP Ariba Sourcing (4BL)

Customer Challenge

- The 4BL integration scenario supports integration of SAP Ariba Sourcing with SAP S/4HANA Cloud through SAP Ariba Cloud Integration Gateway. Previously, the 4BL integration scenario support on SAP Ariba Cloud Integration Gateway was based on a passthrough model.

Solution

- Mappings-based integration enables users to customize the integration, by using the SAP Ariba Cloud Integration Gateway mapping tool, to suit their business requirements.

- The mappings-based implementation of the 4BL integration scenario also supports attachments to transaction documents.

Key Benefits

- SAP Ariba Cloud Integration Gateway supports the integration of custom fields between SAP Ariba Sourcing and SAP S/4HANA Cloud. Custom fields can be used when SAP Ariba creates custom mappings based on the customer's request.

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IG-16468 : SAP Ariba Cloud Integration Gateway support for the Central Procurement with Ariba Sourcing (4QN) integration scenario

Customer Challenge

- Customers needs to run Central Sourcing using S4/HANA Central Procurement Hub solution that supports multiple Connected Systems (ERPs).
- CIG needs to extend the existing Ariba Sourcing and S/4 HANA Cloud integration to S/4 HANA Cloud Hub system to support Central Sourcing integration. We would also like to extend this integration to SAP S/4 HANA On Premise Hub system.

Solution

- Support a new integration scenario with Ariba Sourcing and SAP S/4 HANA Hub system
- New CIG Document type: *CentralRequestForQuotation* & *CentralSupplierQuotation*
- Mapping transformation in CIG for all the interfaces as part of this integration.
- *ORIGIN flag* set in payload in CIG before sending it to Ariba Sourcing to indicate 4BL/4QN scenario..

Key Benefits

- Get a seamless integration with S4/HANA Central Sourcing - Create a central RFQ in S4/HANA, integrate with Ariba Sourcing to create Sourcing Project; negotiate Terms & Conditions and finalize Awards in SAP Ariba Sourcing so that the Awards from Ariba Sourcing are sent to Central RFQ and then gets distributed to respective Connected Systems to create PO.

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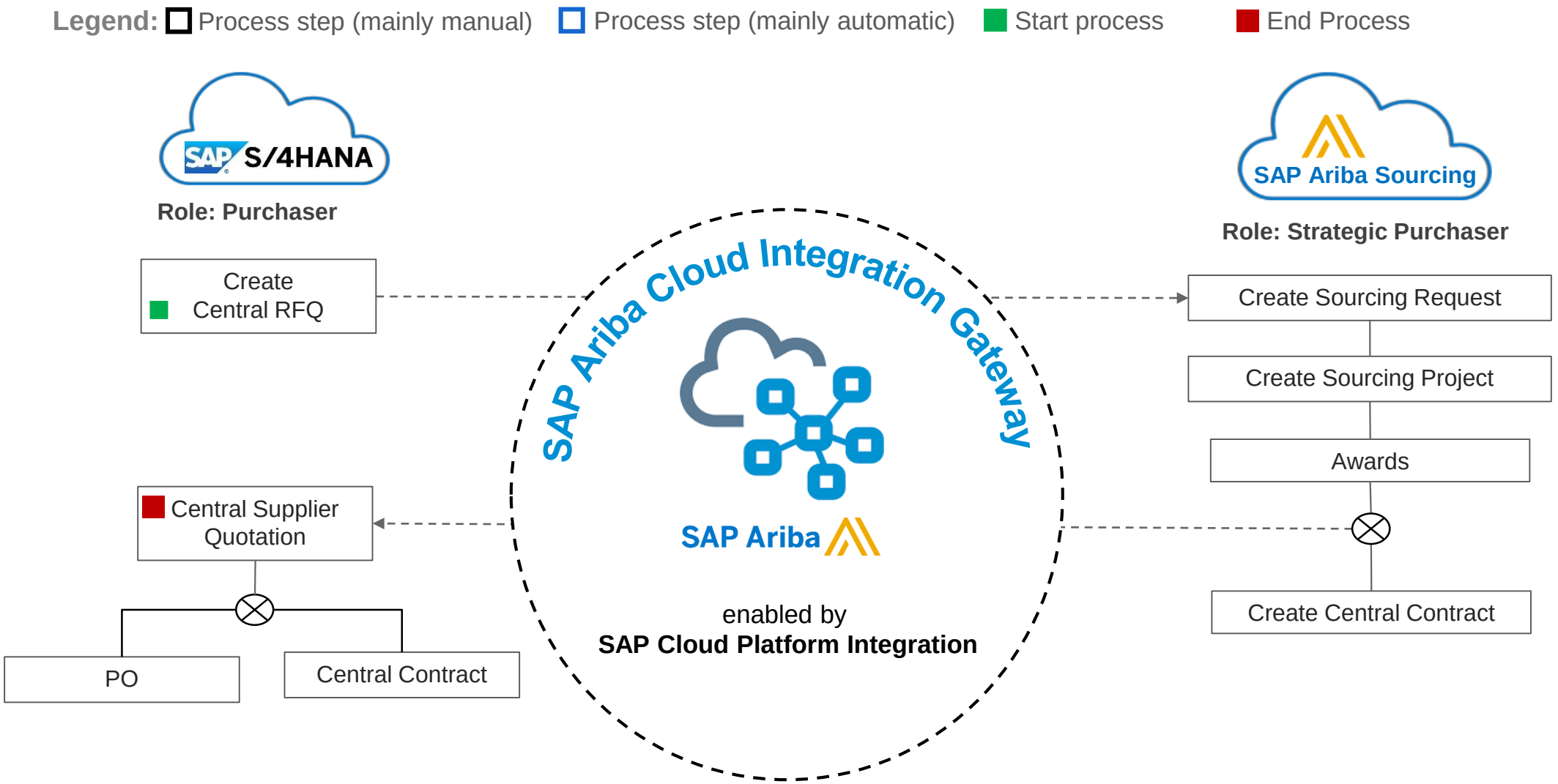
IG-16468 : SAP Ariba Cloud Integration Gateway support for the Central Procurement (4QN)

SOURCE TO PAY CENTRAL SOURCING FLOW



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IG-14654 : Support for Order Confirmations for Lean Services (42K)

Customer Challenge

- S/4 HANA Cloud and Ariba Network integration supports order confirmations for material items, but not for planned)lean service items. In addition, order confirmations for mixed item types (material and lean services) need to be supported

Solution

- CIG integration has been enhanced to support Order Confirmation for Lean service items along with ‘StartDate’, ‘EndDate’ that a supplier enters while confirming a Lean PO
- ‘Accept’ and ‘Reject’ of entire Order or specific lines is supported (Backorder for lean service items is not supported)

Key Benefits

- Without receiving an order confirmation, it is difficult for a buyer to know whether a supplier received the order and if it is in the process of fulfilment. This update will allow supplier to respond to an order which contains lean services and therefore provide better visibility to buyer.

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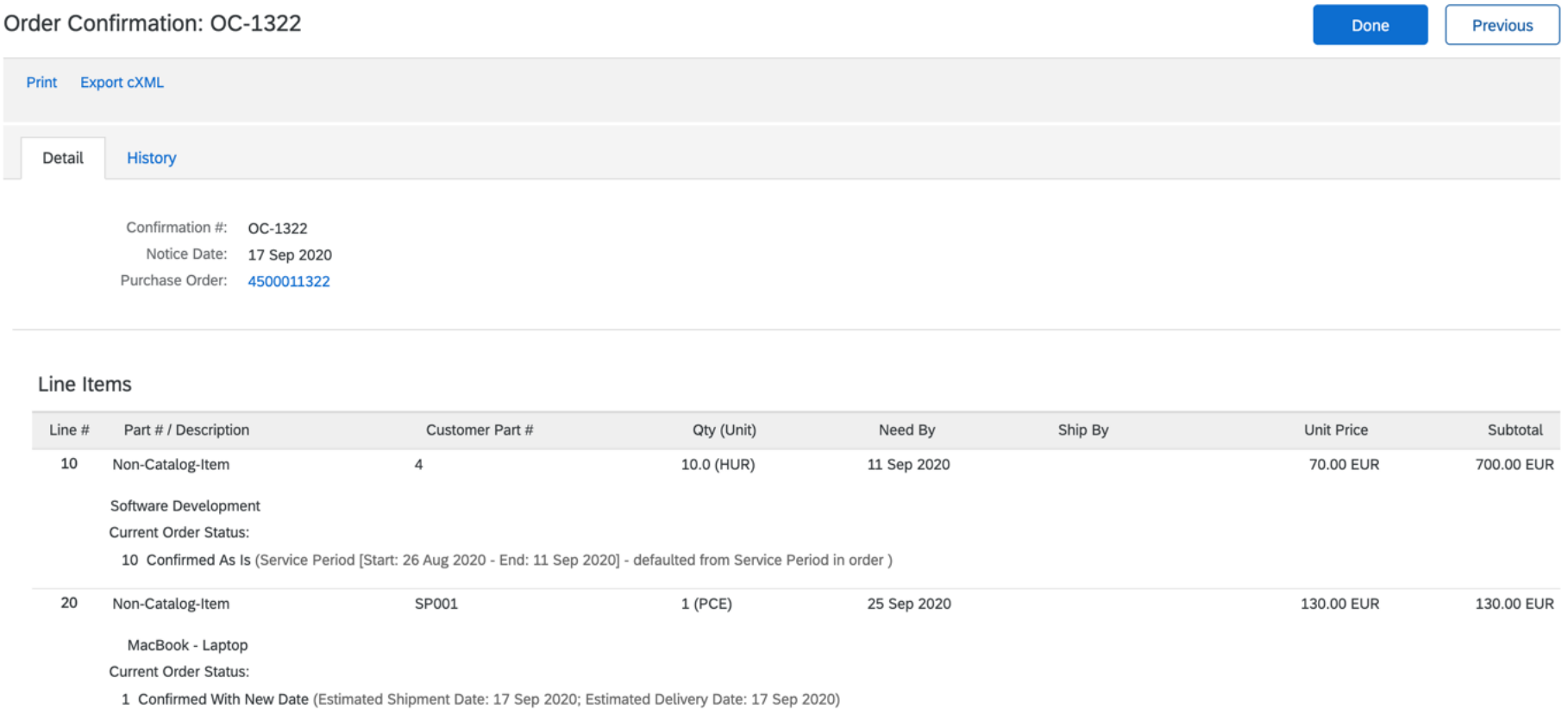
IG-14654 : Support for Order Confirmations for Lean Services (42K)

Purchase Order Confirmation for Purchase Order with Material and Planned Lean Service Items in Ariba Network



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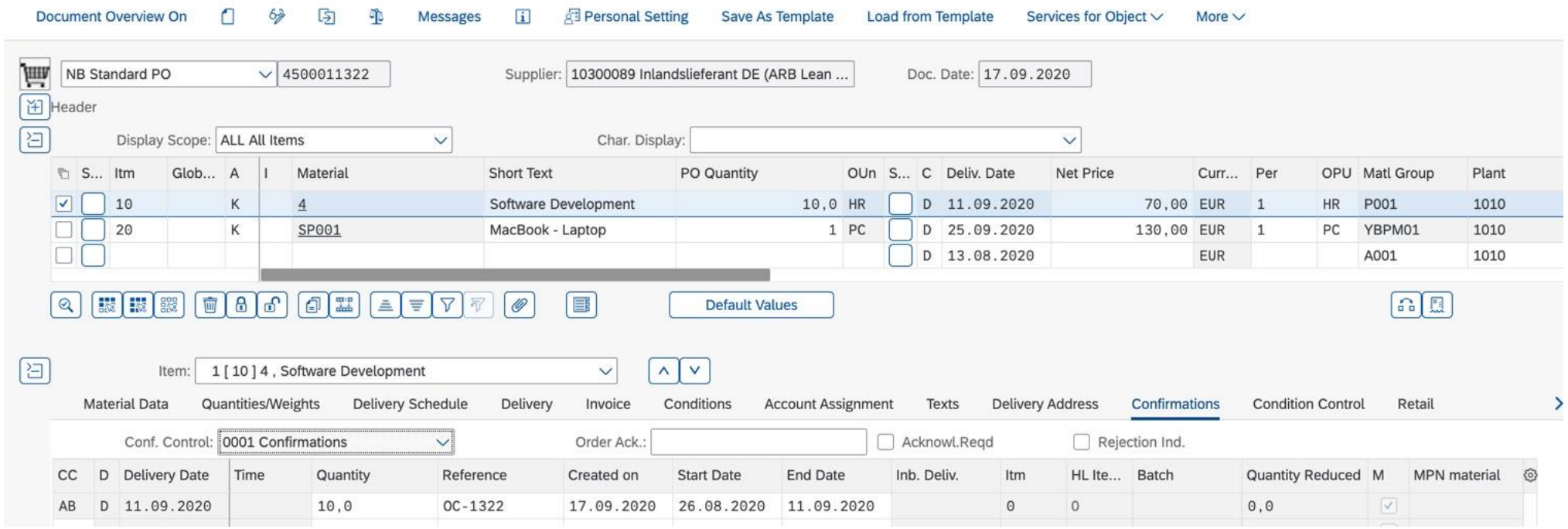
IG-14654 : Support for Order Confirmations for Lean Services (42K)

Purchase Order Confirmation for Purchase Order with Material and Planned Lean Service Items in S/4 HANA Cloud



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IG-17649 : Support for quick enablement of suppliers on Ariba Network based on the purchase order sent from SAP S/4HANA Cloud to Ariba Network (42K)

Customer Challenge

- Buyers who are on S/4 HANA CE cannot send a PO to their Vendors who are not enabled on Ariba Network. These PO's fail on Ariba Network.

Solution

- Support quick enablement of suppliers on Ariba Network based on Purchase order sent from S/4 HANA to Ariba Network
- CIG integration has been enhanced to enable Purchase Order 'routing' to Supplier's email address
- This features will be for all types of PO originating from S4 to AN

Key Benefits

- S/4 HANA Buyer can initiate quick enablement of supplier via Purchase Order if supplier is not already enabled on Ariba Network

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IG-17873 : Support for goods return cancellation for purchase orders from SAP S/4HANA Cloud to Ariba Network (42K)

Customer Challenge

If a buyers wants to return goods for any reason (defective, damaged etc) they can do so via a goods return document. However, if errors are made during input of the goods movement transactions, it might be necessary to reverse the goods return document.
During prior releases of IES 42K scope item, only Goods Receipt (101), Goods Receipt Cancellation / Reversal (102) and Goods Return for Purchase Order (122) were considered. 'Goods Return Reversal / Cancellation (123)' for Purchase Order is not supported.

Solution

- CIG integration has been enhanced to Goods Return Reversal/cancellation to send quantity as a ‘negative’ value and setting the ‘type’ to ‘returned’ on the cXML ReceiptRequest document

Key Benefits

- S/4 Buyer should be able reverse a Goods Return for a Purchase Order and integrated with Ariba Network

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IG-17873 : Support for goods return cancellation for purchase orders from SAP S/4HANA Cloud to Ariba Network (42K)

Sample Goods Return Reversal document in Ariba Network:

Item	Order Line Number	Part #	Customer Part #	Batch #	Customer Batch #	Packing Slip ID	Packing Slip Date	Qty (Unit)	Delivery Address	Type	Unit Rate	Amount	Status
Purchase Order: **4500044288**													
1	10		70502			KVGR2_122		-3.00 EA	*Not Specified*	Returned			
	Description: Non Carbonated Sugar Drinks (Case12)												
Comments													

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IG-20266 : Enhancements to Outbound Invoice enhancements for Automation of Order-to-Invoice with Ariba Network (4A1)

Customer Challenge

VAT ID not captured on Invoices: On an Invoice, the supplier's VAT ID is always required. The buyer's VAT ID is required for intra-European Union transactions. Intra-EU is defined as trade within the European Union, where the From and To country codes are in the European Union and are different countries. This information is needed on identifying related tax calculations.

Tax Values - There can be more than one taxes that gets sent on Invoice which can be at header or line that needs to be conveyed by the supplier.

Solution

- CIG integration has been enhanced to send the Buyer and Supplier VATID on an Invoice including Tax information at Invoice header and line items

Key Benefits

- Improved product meeting business requirements in the Order to Cash process.

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

- **Starting with S/4 HANA 2020**, S/4 API based integration (without CIG AddOn) for S/4 HANA solution scope items is available
- S/4 API based integration is available only for S/4 HANA 2020 Greenfield customers
- S/4 HANA 2020 customers may choose either API based integration **and/or** AddOn based integration (Co-existence of CIG AddOn & API integration)
  - E.g. API based integration for Guided Buying (scope item : 2NV) while leveraging CIG AddOn integration for Ariba Network Commerce Automation
  - E.g. CIG AddOn integration for Ariba Network Commerce Automation while leveraging API based integration for Ariba Network Quote Automation (Scope item: 42K)
  - E.g. CIG AddOn for Ariba Network Commerce automation while leveraging API based integration for Seller integration (Scope item: 4A1)

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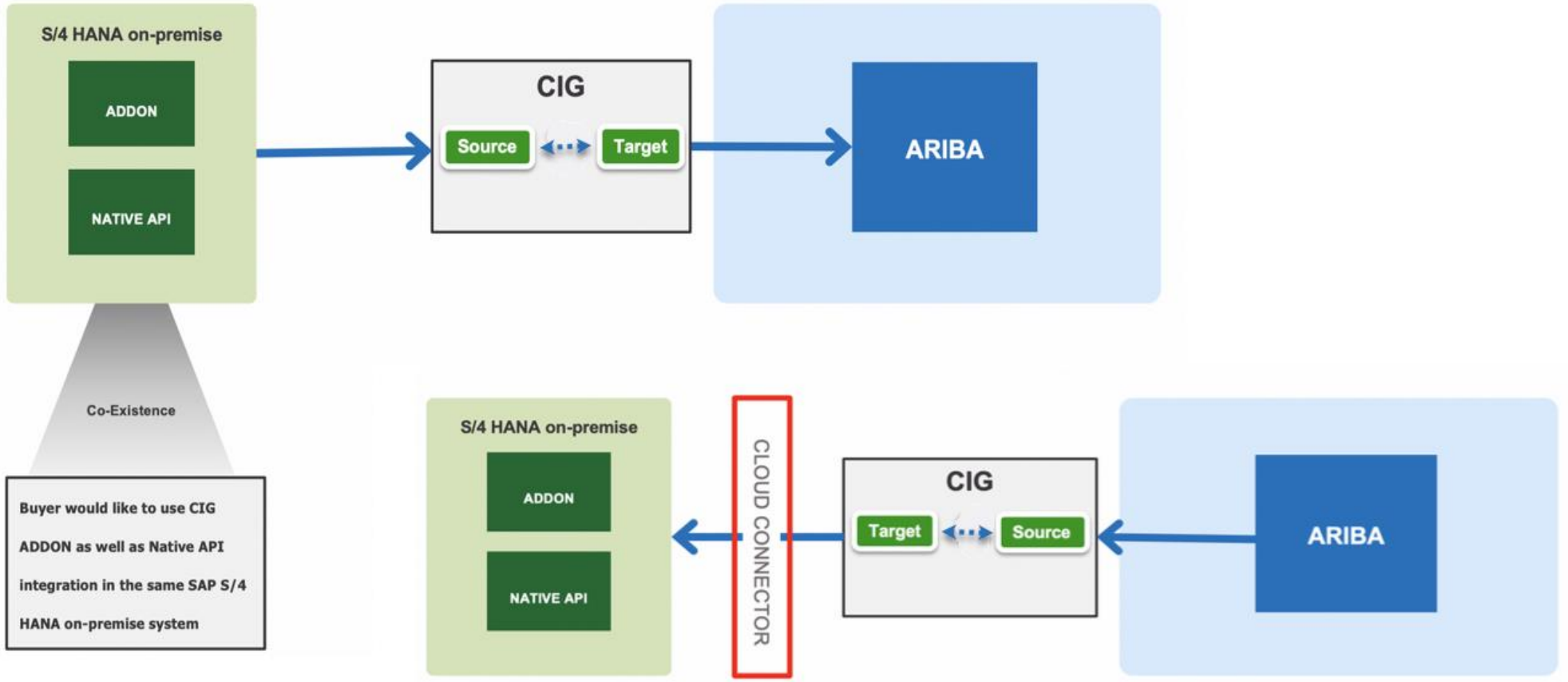
S/4 HANA Integration w/CIG AddOn and S/4 API - Coexistence



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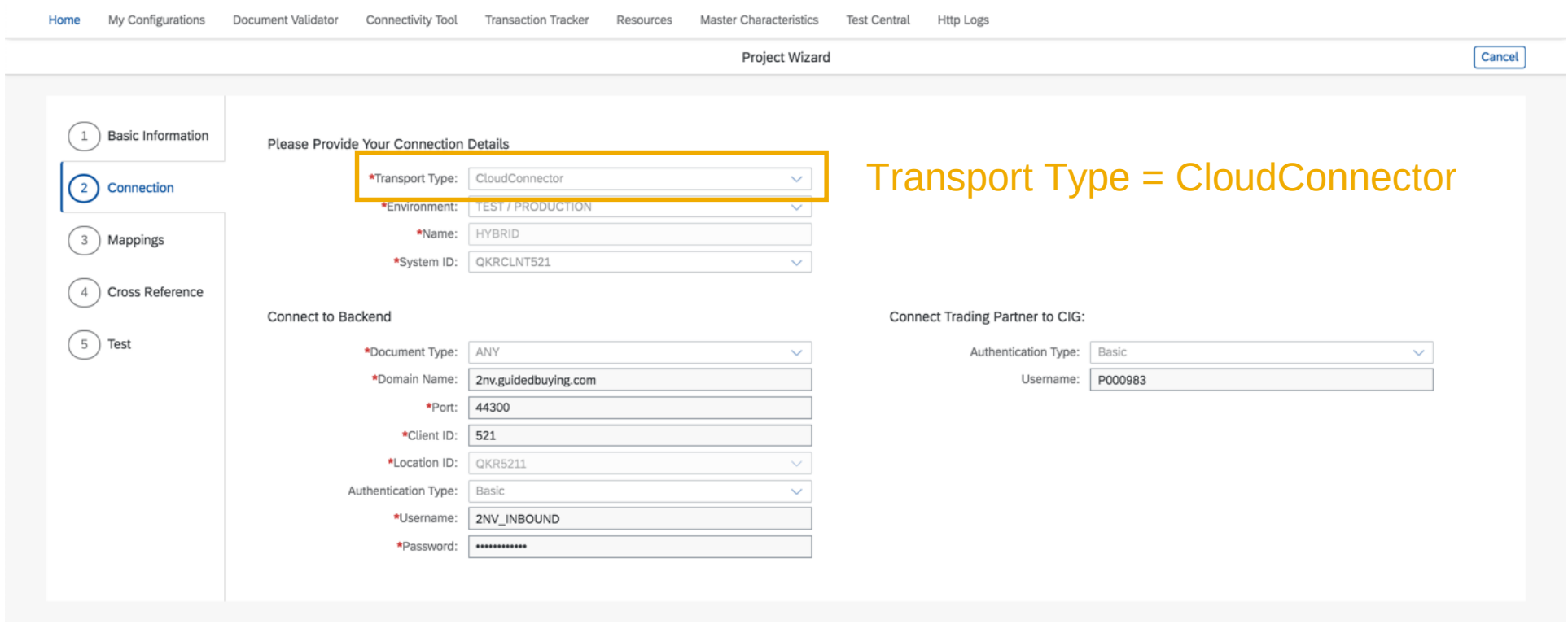
S/4 HANA Integration w/CIG AddOn and S/4 API: Co-existence



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

With S/4 HANA FPS0, following IES scope items are released

- **IES Scope Item 2NV: Guided Buying Capability with SAP Ariba Buying**
  - IG-18462 Integration support for Guided Buying Capability with SAP Ariba Buying (2NV) for SAP S/4HANA
- **IES Scope Item 3EN: Guided Buying for Central Procurement with SAP Ariba Buying**
  - IG-18463 Integration support for Guided Buying for Central Procurement with SAP Ariba Buying (3EN) for SAP S/4HANA
- **IES Scope Item 4A1: Automation of Order-to-Invoice with Ariba Network**
  - IG-17212 Integration support for Automation of Order-to-Invoice with Ariba Network (4A1) for SAP S/4HANA
- S/4 API based integration is made available in multiple releases (S/4 HANA 2020 FPS0 / FPS1)
  - API based integration for additional IES scope items will be released with upcoming releases

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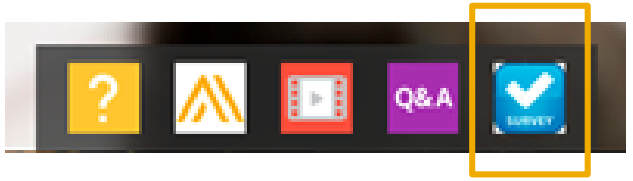
Reminder

Please remember to provide Survey feedback

- If not already visible, click the Survey button at the bottom of the screen.
- Answer the 3 questions posed.
- Click Submit.

Your feedback is used to continually improve our customer engagement activities for our quarterly product releases.

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



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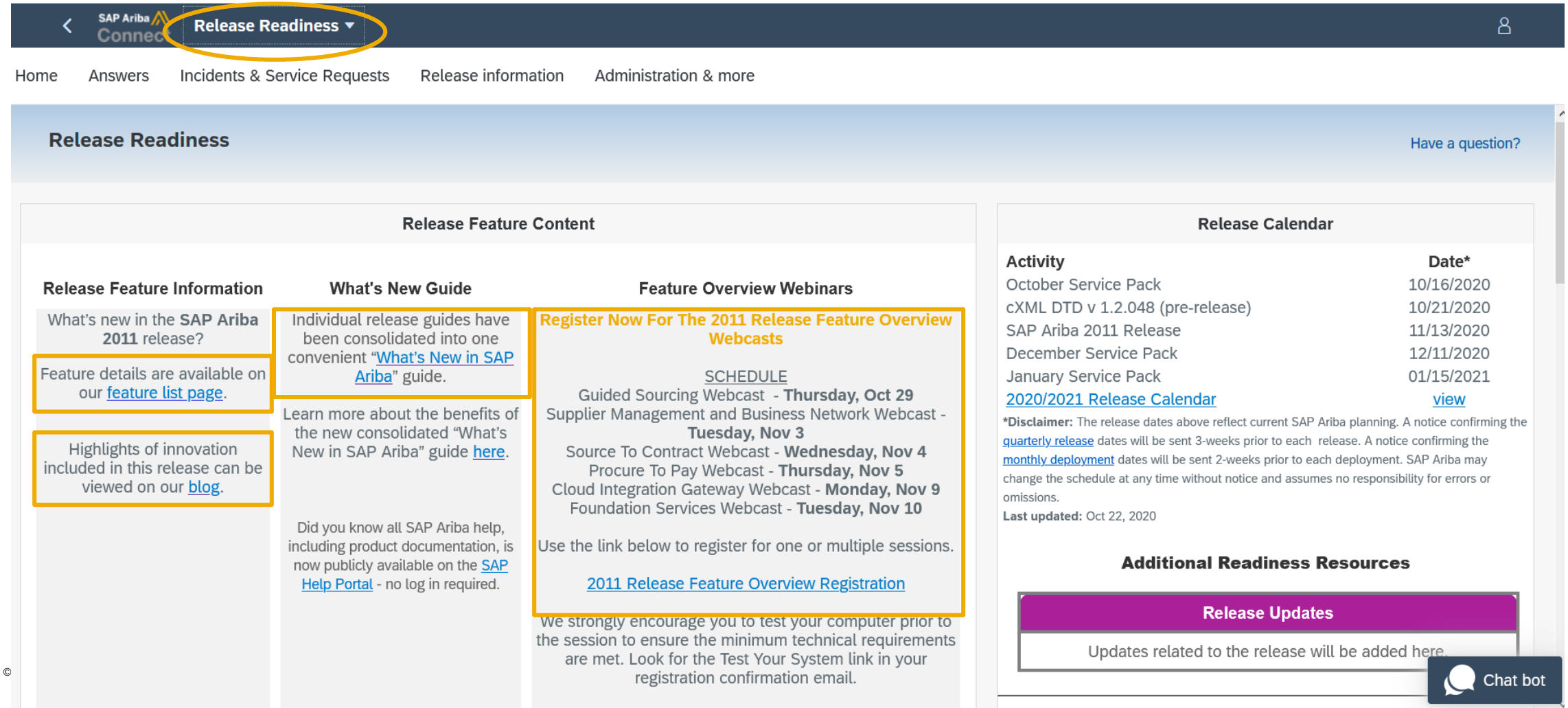
General Information Session Materials

Recordings and presentations will be posted on the Release Readiness tab/tile in SAP Ariba Connect.
See the Release Feature List and What's New links on the left side of the page for detailed information.
Note naming convention update and visit the Previous Releases Archive and Roadmap tiles at bottom right of page.



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SAP Ariba

Thank you.

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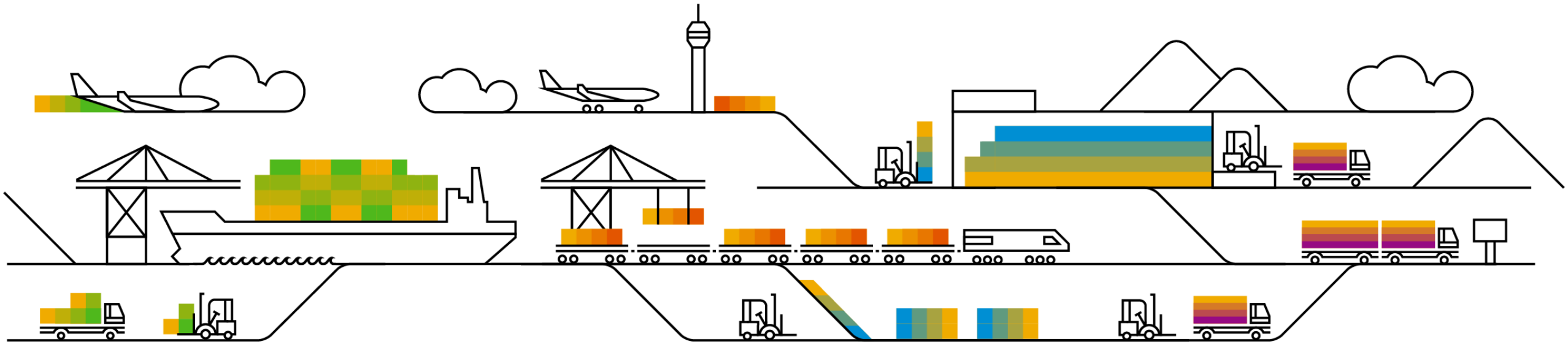
Appendix: Additional information of possible interest

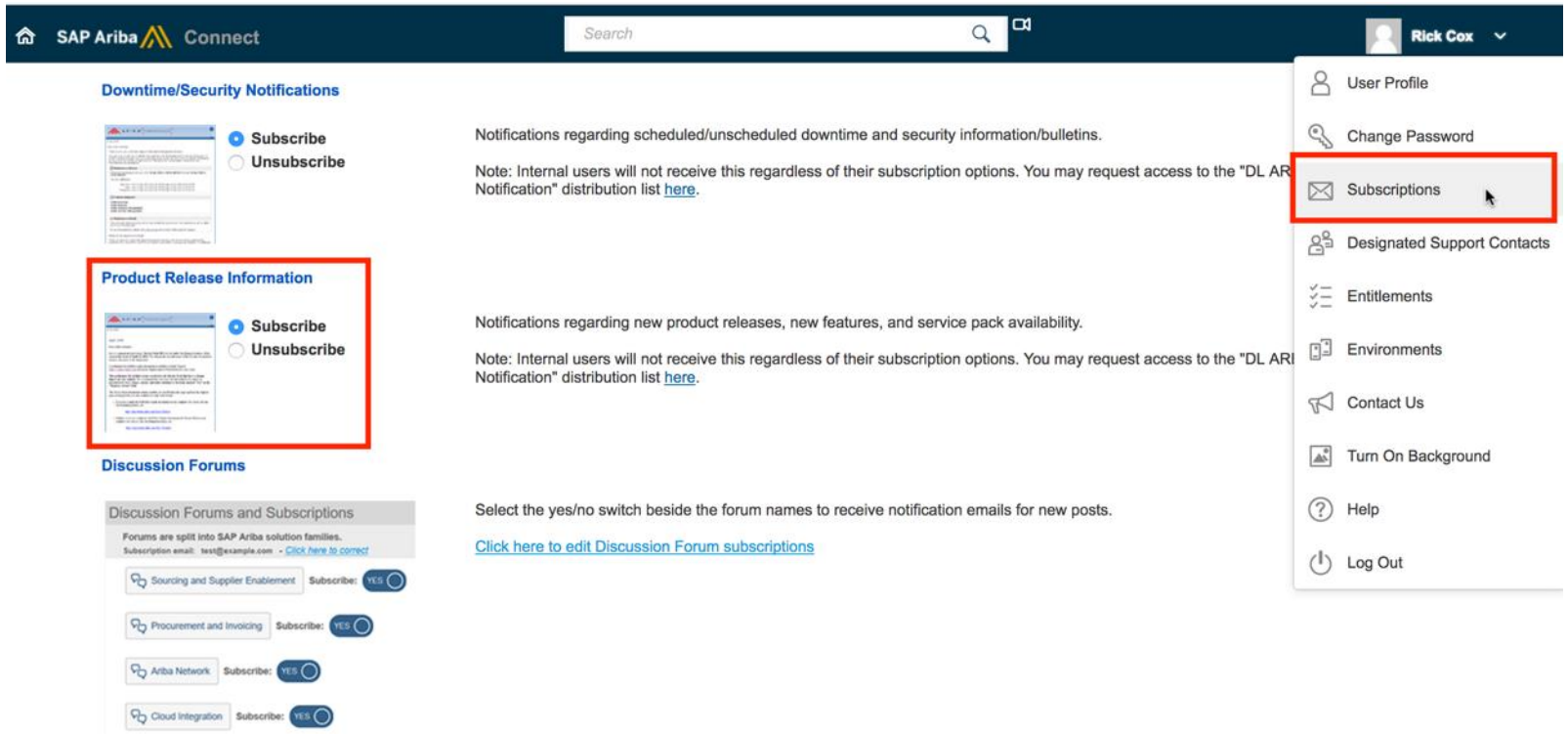


Communications Notice Recipients

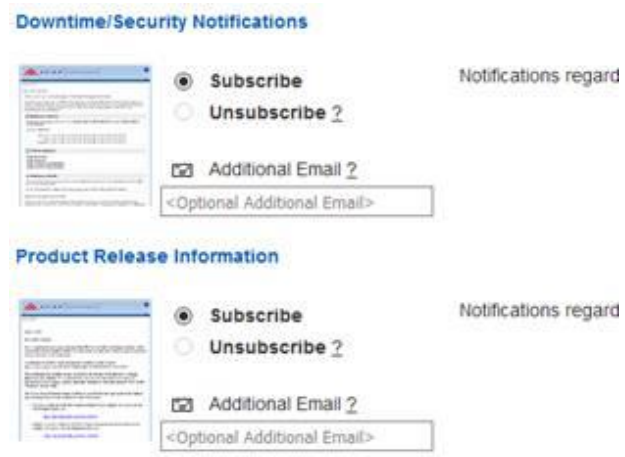
Release Notifications are sent to all Designated Support Contacts by default and any other users that subscribe.

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



DSC view with ability to add additional email



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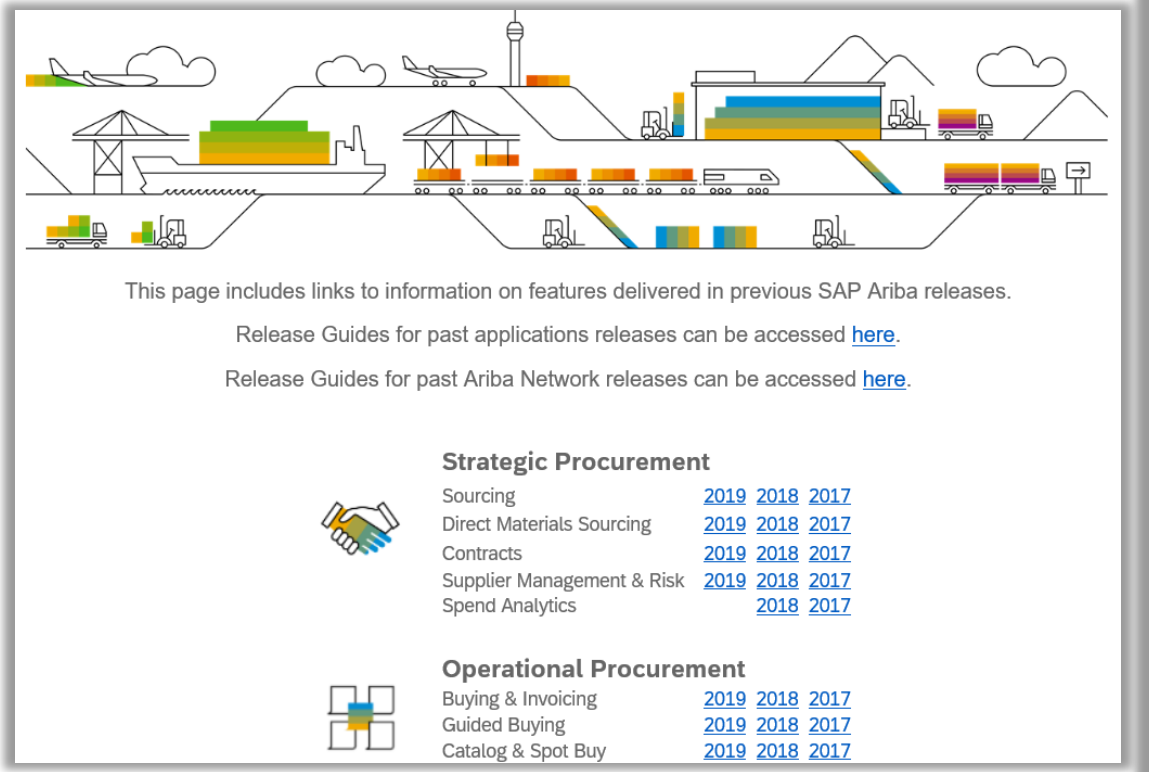
Historical release information Archive page

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.



This page includes links to information on features delivered in previous SAP Ariba releases.

Release Guides for past applications releases can be accessed here.

Release Guides for past Ariba Network releases can be accessed here.

Strategic Procurement

Sourcing	2019	2018	2017
Direct Materials Sourcing	2019	2018	2017
Contracts	2019	2018	2017
Supplier Management & Risk	2019	2018	2017
Spend Analytics		2018	2017

Operational Procurement

Buying & Invoicing	2019	2018	2017
Guided Buying	2019	2018	2017
Catalog & Spot Buy	2019	2018	2017

SAP Ariba Customer Readiness Resources 2018 Releases:

sourcing, contracts, & spend analysis

This page includes a list of features delivered in the 2018 calendar year for SAP Ariba Sourcing, Contracts, and Spend Analysis customers. Detailed information on all features can be found in the release guides and other documentation located on SAP Ariba Connect. Supplemental knowledge transfer materials are available for some features. Click the play or PDF icons to access the materials.

For additional information on the monthly release model see the About Release Readiness link on the Release Readiness tile of SP Ariba Connect.

April

Update Material Master items in CLID from sourcing award With this solution users should be able to update line items into a CLID from a Sourcing Award.	Mandatory		SAP Ariba Contracts SAP Ariba Sourcing
Append or update line items in contracts from a sourcing award without manual amendment of the contract workspace This feature will ensure that line items from a sourcing award can be updated or amended in to a contract without manually changing the status of the workspace. With this solution, all contracts - draft, draft amendment and published contracts will be listed from the sourcing award. When a user selects a published contract, application will create Price Update Amendments automatically, update the contract line items document by adding or updating line items, then close the amendment.	Mandatory		SAP Ariba Contracts SAP Ariba Sourcing
Control the deletion of line items from a Contracts Line Item Document (CLID) This feature provides users the option to disable line items in the CLID thus preventing further edits while retaining the line item on the User Interface(UI) for future reference.	Mandatory		SAP Ariba Contracts

March

Read-Only Terms in Line Items With this feature, customers can make terms of line items in sourcing and contracts as read-only. Note: Though listed on this page and in the release guide, this feature was not made available with the March 2018 release. It is planned to be available with a later release.	Mandatory		SAP Ariba Sourcing SAP Ariba Contracts

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