2205 Release
Feature Overview and Q&A – APIs and Cloud Integration

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THE BEST RUN **SAP**

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Agenda

Webcast logistics and general release information

Key Feature Discussions
- APIs
- Cloud Integration
  - Overview
    - ✓ CIG High Level Architecture
    - ✓ Standard OOTB (Out Of The Box) Integrations
    - ✓ SAP Ariba Cloud Integration Gateway Adoption
    - ✓ CIG Community
  - CIG Release 2205: CIG AddOn Support Packs
  - New Features: CIG Core (Platform & Portal)
  - New Features: Ariba Network Buyer Integration
  - New Features: Intelligent Enterprise Source To Pay Integration (IES S2P)

Reminders

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Logistics

During the session, demonstration / video access

- If not already visible when the speaker starts video playback, click the Media Player button on the bottom of the screen to see the video.

- The Media Player window may be "hidden" behind other windows if you have multiple open
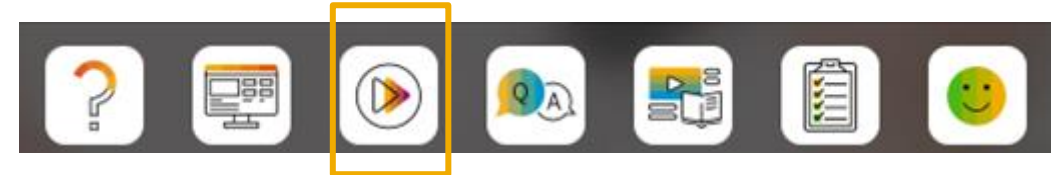
Logistics

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.
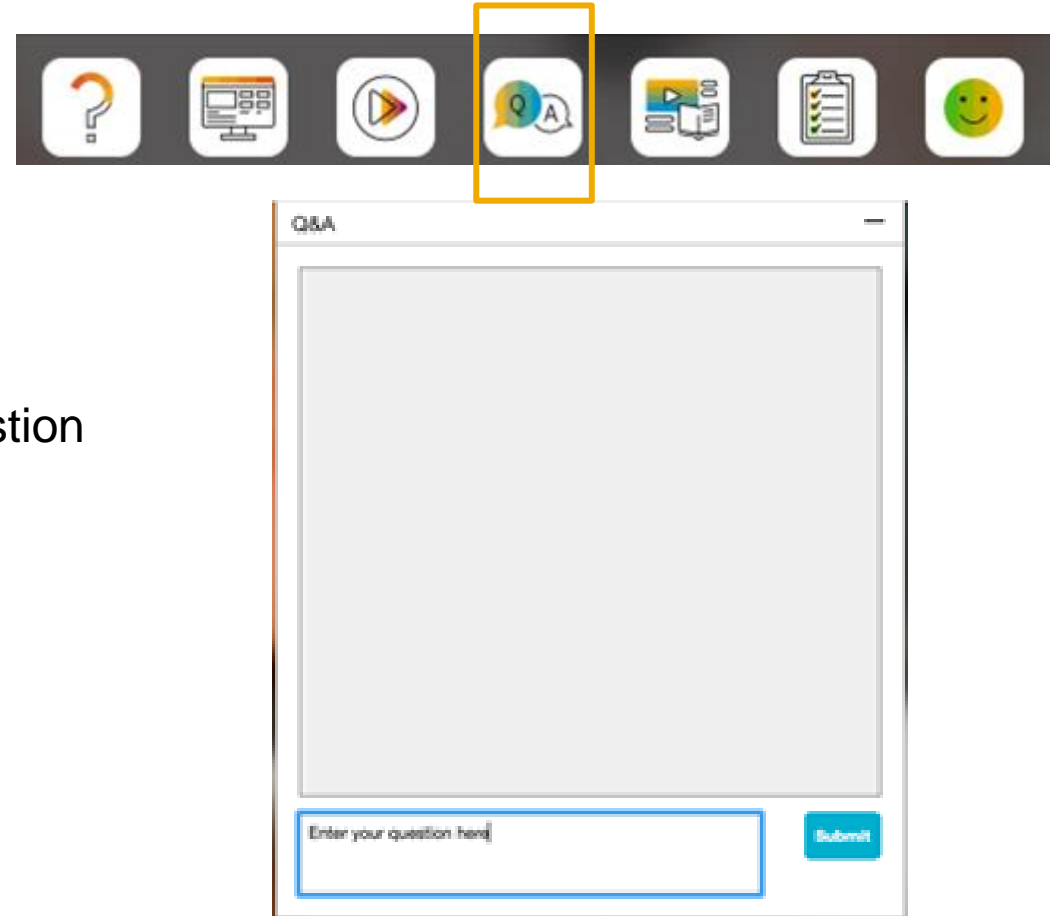
Logistics

To view resources, please use the button noted

- If not already visible, click the Resources button

- A variety of links directly to content associated with features from the release will appear
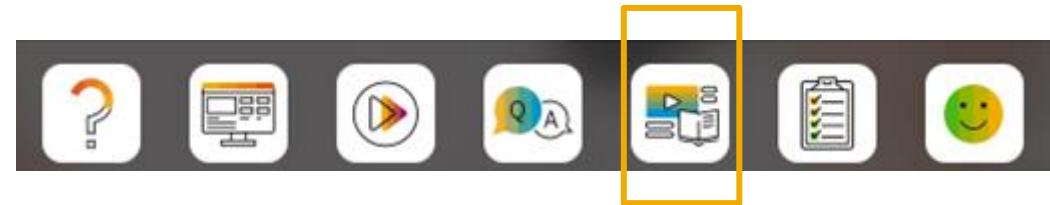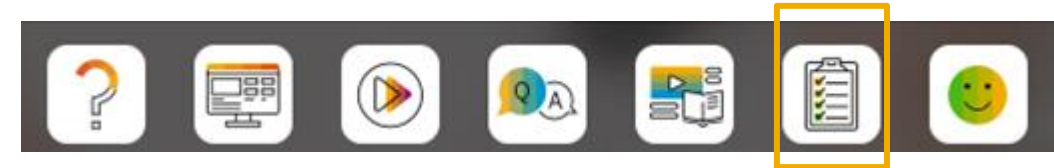
Logistics

At the end of the session, provide Survey feedback

- If not already visible, click the Survey button at the bottom of the screen.

- Answer the 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!

General Information Session Materials

- SAP Ariba Connect user interface

- Multiple routes for launching the Release Readiness page

- Access to product announcements also available
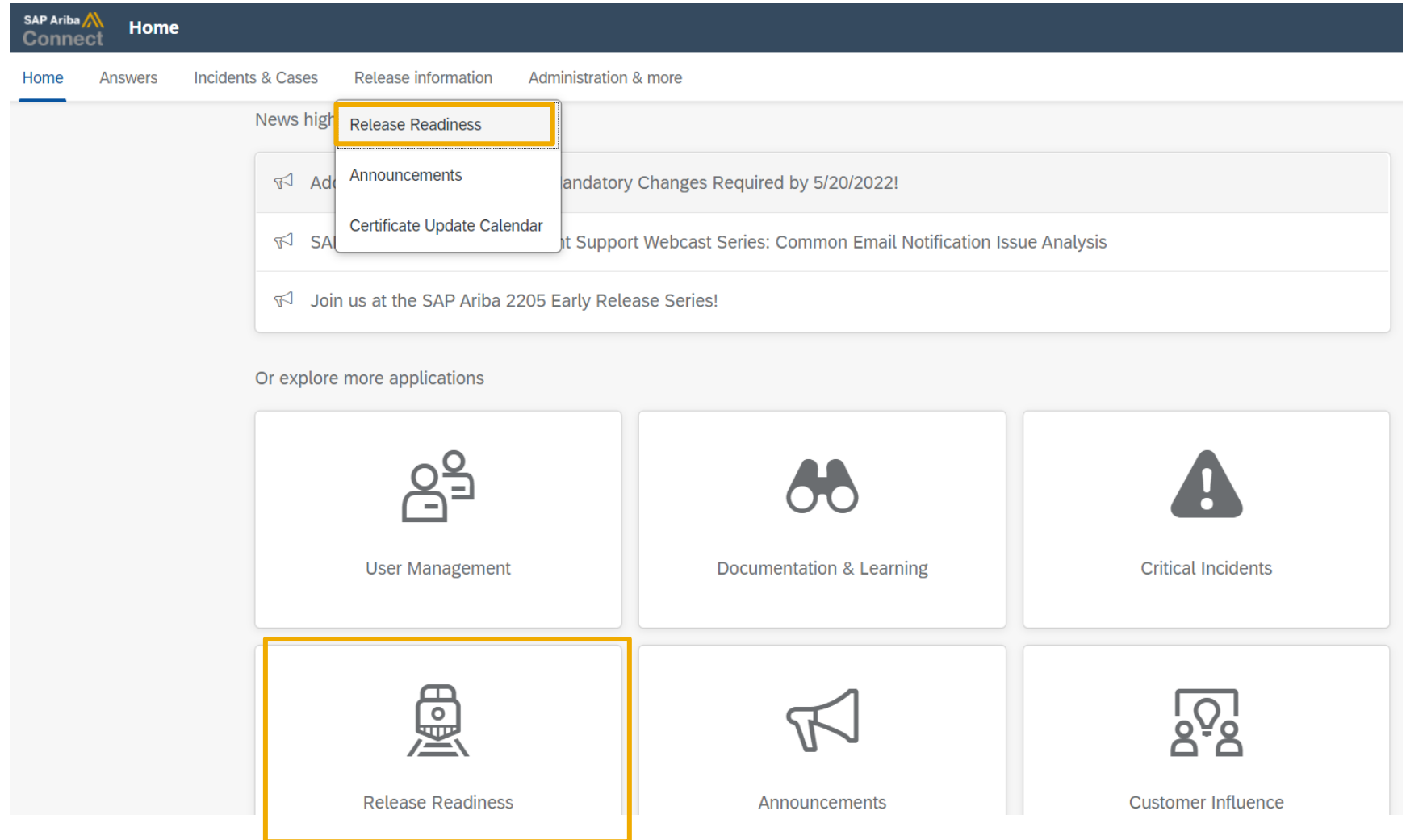
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General Information Session Materials

Scroll through to see full list of features, documentation links, release schedules, and archived information from prior releases.

Release Readiness   Have a question?

SAP Ariba Release Readiness

Welcome to the SAP Ariba Release Readiness portal - a central location to get up-to-date information and materials to help you prepare for upcoming releases.

The *ReCAPTCHA verification for the external supplier request* [SM-26592] introduced with the 2202 SAP Ariba release is now available in all data centers.

2205 Release Resources

Review the Feature List. Includes brief descriptions, enablement model, and access to available KT and demos.

Discover the benefits coming with this release with the Release Highlights.

The Release Summary provides a downloadable overview of planned features with links to additional feature content.

The What's New in SAP Ariba guide provides full details on each feature.

Quick Links

Next Generation Cloud Delivery: IP Address Allow/Block List

Intelligent Source to Pay

Cloud Integration Gateway (CIG) Community

Guided Sour[...]   Chat bot

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APIs
Planned Key Features
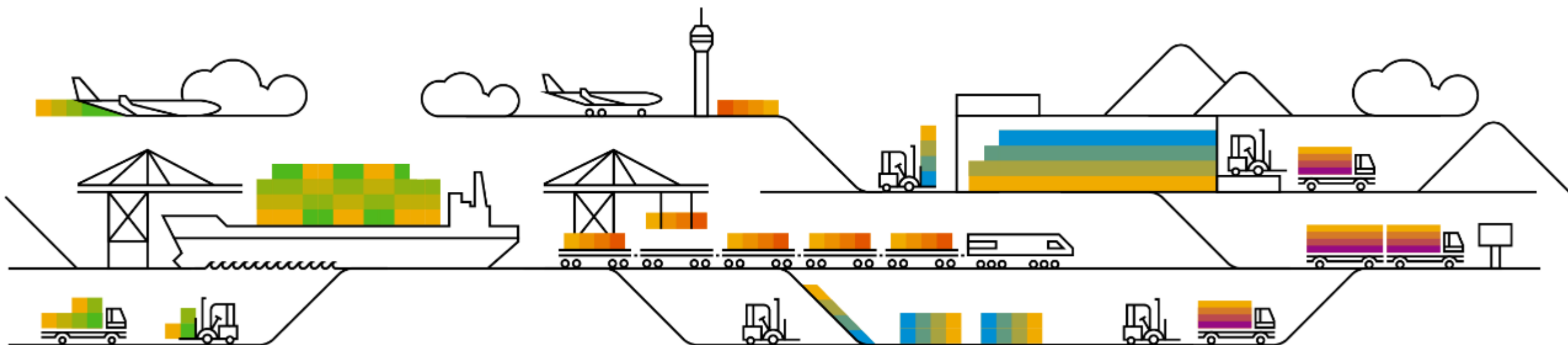
Planned Features

APIs

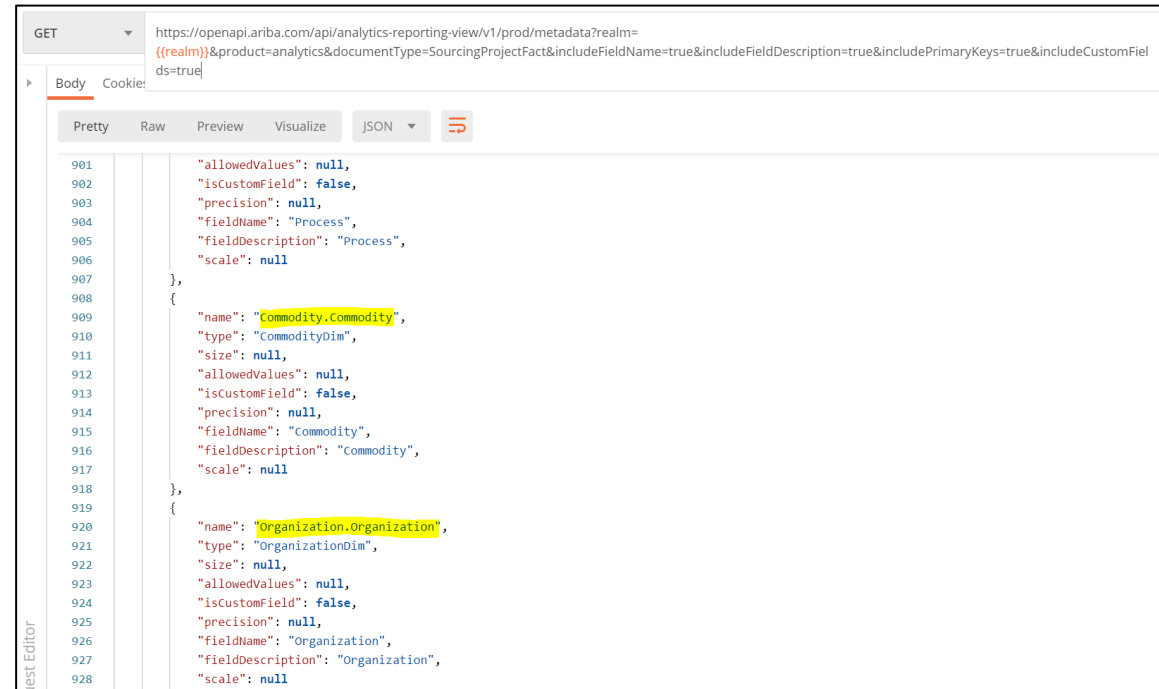1. **Analytical Reporting API Speed and Throughput Enhancement [ARE-7764]**

2. Enhancements to Supplier Invite API [NS-12954]

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Feature at a Glance
Introducing: **Analytical Reporting API Speed and Throughput Enhancement**

Detailed feature information

- The ASYNC Analytical Reporting API output depends on whether the view contains vector or non-vector fields.

- If the view has a vector field, it will deliver a maximum of 5,000 records. If there are no vector fields in the view, then it will deliver a maximum of 50,000 records per zip file.

- Vector fields can be identified by format "field.field" in the selectFields section of the Metadata API response, as highlighted here.

- SourcingProjectFact vector fields are highlighted in this example. If you use the SourcingProjectFactSystemView template you will get the vector fields and the standard 5,000 records per zip file for your ASYNC call. If the vector fields are not needed, and you wish to boost performance, then create a custom view without these fields.

GET ▼   https://openapi.ariba.com/api/analytics-reporting-view/v1/prod/metadata?realm={{realm}}&product=analytics&documentType=SourcingProjectFact&includeFieldName=true&includeFieldDescription=true&includePrimaryKeys=true&includeCustomFields=true

▶ Body Cookies

Pretty Raw Preview Visualize JSON ▼

```
901        "allowedValues": null,
902        "isCustomField": false,
903        "precision": null,
904        "fieldName": "Process",
905        "fieldDescription": "Process",
906        "scale": null
907    },
908    {
909        "name": "Commodity.Commodity",
910        "type": "CommodityDim",
911        "size": null,
912        "allowedValues": null,
913        "isCustomField": false,
914        "precision": null,
915        "fieldName": "Commodity",
916        "fieldDescription": "Commodity",
917        "scale": null
918    },
919    {
920        "name": "Organization.Organization",
921        "type": "OrganizationDim",
922        "size": null,
923        "allowedValues": null,
924        "isCustomField": false,
925        "precision": null,
926        "fieldName": "Organization",
927        "fieldDescription": "Organization",
928        "scale": null
```

```
"selectAttributes" : ["ContractMonths", "AllOwners.AllOwners", "LoadCreateTime", "Region.Region",
"ProcessStatus", "Description", "DueDate", "AwardJustification", "Suppliers.Suppliers", "Origin",
"DependsOnProject", "Process", "ProjectId", "Commodity.Commodity", "AclId", "EndDate",
"PlannedEventType", "SourceSystem", "ActualSaving", "PlannedEndDate", "ContainerProject", "Status",
"PlannedStartDate", "OnTimeOrLate", "ProjectReason", "ProjectInfo", "TargetSavingsPct",
"SourcingMechanism", "IsTestProject", "ResultsDescription", "Owner", "Organization.Organization",
"Duration", "BaselineSpend", "State", "EventType", "ContractEffectiveDate", "LoadUpdateTime",
"ExecutionStrategy", "BeginDate"]
```

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Feature at a Glance

Introducing: **Analytical Reporting API Speed and Throughput Enhancement**

Maximum record count per page and per file in non-vector analytical reporting API request

Parameters | Save | Cancel

The search field is case-insensitive and you can enter all or part of a parameter name or value.

Search Filters:

Parameter Name or Value: ReportingDataAPI | Search | List All

Parameter	Value	Default Value		
Application.Analysis.ReportingDataAPI.MaxRecordCountPerFile	45000	5000	Reset	Details
Application.Analysis.ReportingDataAPI.MaxRecordCountPerPage	400000	50000	Reset	Details

- **Application.Analysis.ReportingDataAPI.MaxRecordCountPerFile** parameter specifies the maximum number of records saved in one ZIP file for a non-vector analytical reporting API request.
  - Default is 5,000
  - Range for the parameter is between 1,000 and 50,000
  - Customers can increase the value up to 50,000 to improve the speed and throughput of non-vector analytical reporting API requests

ID	Application.Analysis.ReportingDataAPI.MaxRecordCountPerFile
Name	**Maximum record count per file in non-vector analytical reporting API request**
Default value	5000

- **Application.Analysis.ReportingDataAPI.MaxRecordCountPerPage** parameter specifies the maximum number of records per page that can be requested per non-vector analytical reporting API request.
  - Default is 50,000
  - Range for the parameter is between 10,000 and 500,000
  - Customers can increase the value up to 500,000 to improve the speed and throughput of non-vector analytical reporting API requests

ID	Application.Analysis.ReportingDataAPI.MaxRecordCountPerPage
Name	**Maximum record count per page in non-vector analytical reporting API request**
Default value	50000

Feature at a Glance

Introducing: **Analytical Reporting API Speed and Throughput Enhancement**

Performance Impact – 10x or more*

Analytical reporting API mode	Number of records to extract	Number of pages needed (jobs)	Number of zip files to download	Time to extract all data
				With standard rate limits (submit up to 8 jobs per hour and up to 40 jobs per day)
Before: Existing performance	10M	200	2000	5 days
After: With feature toggle enabled and parameters set to 500K records per page and 50k records per file	10M	20	200	5 hours

* Example improvement seen in testing. Improvement may vary based on customer configuration and landscape

Feature at a Glance

Introducing: **Analytical Reporting API Speed and Throughput Enhancement**

Pagination allows greater throughput

- When the response to an asynchronous reporting API call contains greater than the system maximum records, all records can still be retrieved with pagination.

- Records in the results set are separated into pages, with each page containing 50,000 records, and each page can be requested in a separate API call.

- The pagination feature must be used when more than 50,000 records are included in order to retrieve all records via API.

- Customers will be provided a page token that can be used to submit a job to get the next page (in case the number of records are more than a single page size).

- The response to each API call contains the one page of records, a page token that can be passed in the next query to retrieve the next page of records, and several new fields to help navigate and enumerate the results set.

- In addition, the reporting API result response will also contain a summary of the total number of records like number of pages, number of files to be downloaded, number of records, current page, etc.

- Pagination is supported for SYNC APIs as well and they follow the same record count limits as Async APIs. Current changes of reading the new ICM parameter are made only for non-vector Analytical Async APIs. All other reporting APIs still read the system parameter
  - System.ReportingDataAPI.MaxRecordsPerFile
  - System.ReportingDataAPI.MaxRecordsPerRequest

- More details on pagination available in the SAP Ariba Applications Q4 2019 release guide.

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Feature at a Glance
Introducing: **Analytical Reporting API Speed and Throughput Enhancement**

Pulling data via API using pagination

- Once you are authorized, you may submit a job to retrieve the desired information
  - Image shows user specifying all invoices from Jan 1, 2021 (A) – Dec 31, 2021 (B)

- Once pull is done processing, the list of zip files containing the requested records is shown.

Feature at a Glance

Introducing: **Analytical Reporting API Speed and Throughput Enhancement**

Pulling data via API using pagination

- In addition to showing the document requested, InvoiceLine ItemFact in this case, you can also see a listing of the different fields included in the records contained in the zip files.

Feature at a Glance

Introducing: **Analytical Reporting API Speed and Throughput Enhancement**

Pulling data via API using pagination

- At the end of the API processing information, some key information is shared:
  - "pageToken" – used for requesting subsequent pages in the pull (see next slide)
  - "totalNumOfRecords" – total records pulled – 12,694,443
  - "currentPageRecordsCount" – indicates the max limit of 500,000 as described on slide 4
  - "totalNumOfPages" – indicates a total of 26 pages were pulled
  - "currentPageNum" – indicates where you are in the pulling of pages. Once that number reaches 26, you're at the end
  - "totalNumOfFiles" – indicates the total number of zip files pulled across the 26 pages
- Once each zip file is downloaded, you can continue on by requesting the next page as shown in the following slide.

```
131    "debug": false,
132    "emitNull": true,
133    "displayStateString": false,
134    "includeInactive": false,
135    "reportingApp": null,
136    "pageToken": "QUVOT0FJbERxbjYzeFQ0",
137    "totalNumOfRecords": 12694443,
138    "currentPageRecordsCount": 500000,
139    "totalNumOfPages": 26,
140    "currentPageNum": 1,
141    "totalNumOfFiles": 254,
142    "filesInCurrentPage": 10,
143    "requestId": null
144  }
```

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Feature at a Glance

Introducing: Analytical Reporting API Speed and Throughput Enhancement

Pulling data via API using pagination

- Using the page token (A) shown on the prior slide, you can submit the next analytical reporting API job, copying and pasting the page token, in a new POST call (B) and sending.

```
131    "debug": false,
132    "emitNull": true,
133    "displayStateString": false,
134    "includeInactive": false,
135    "reportingApp": null,
136  A "pageToken": "QUVOT0FJbERxbjYzeFQ0",
137    "totalNumOfRecords": 12694443,
138    "currentPageRecordsCount": 500000,
139    "totalNumOfPages": 26,
140    "currentPageNum": 1,
141    "totalNumOfFiles": 254,
142    "filesInCurrentPage": 10,
143    "requestId": null
144  }
```
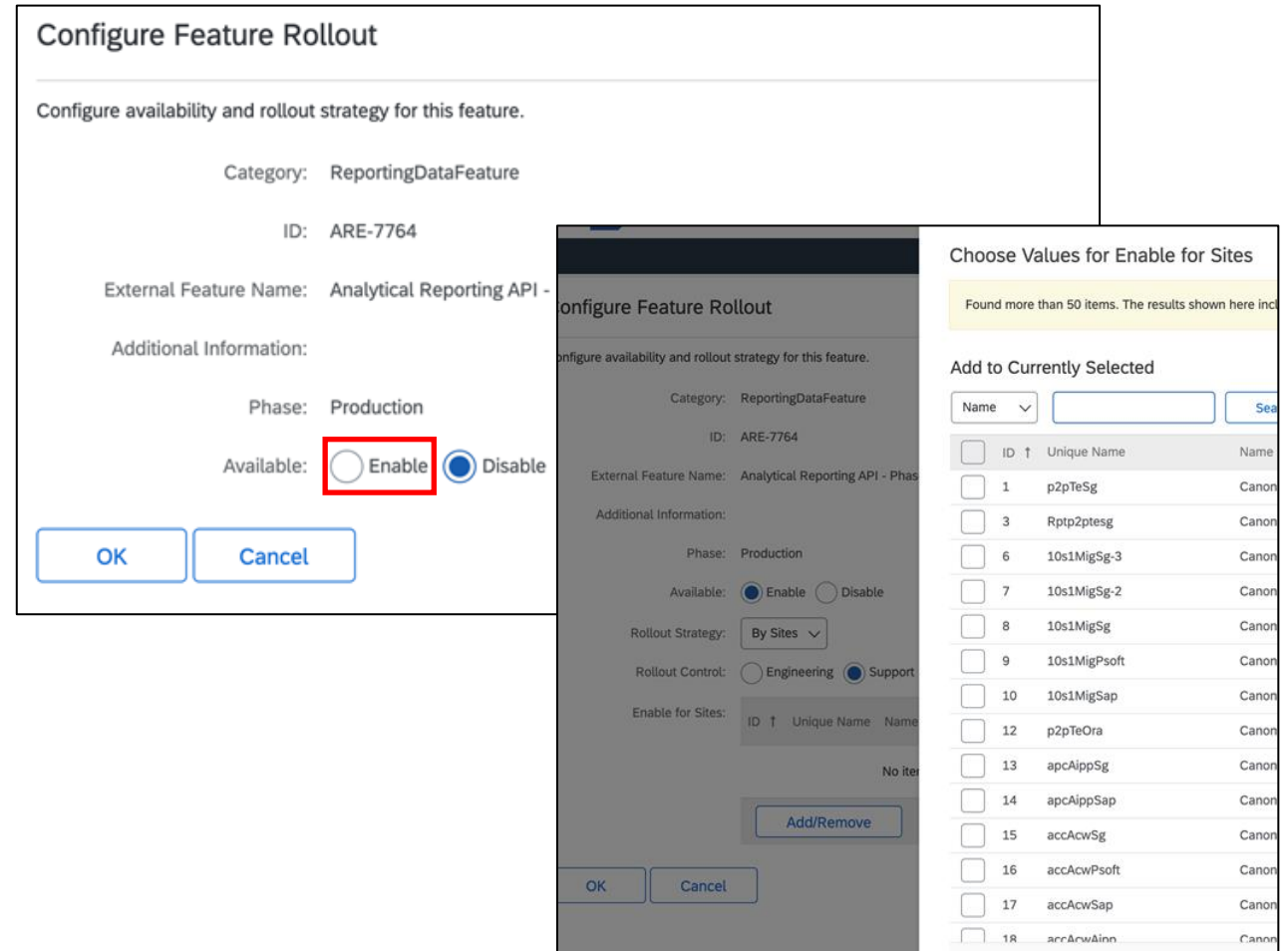
	Params ●	Authorization	Headers (13)	Body ●	Pre-request Script	Tests	Settings

Query Params

	KEY	VALUE
☑	realm	{{realm}}
B ☑	pageToken	QUVOT0FJbERxbjYzeFQ0

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Feature at a Glance
Introducing: **Analytical Reporting API Speed and Throughput Enhancement**

Toggle and Parameters

- By selecting Enable in the top left image, the feature will become visible.
- After selecting Enable, users may search for realms and add.
- Please note:
  - The toggle is only used before release to allow customers to access for Early Adopter Care.
  - Once released, the toggle will be on for all customers and will no longer be necessary to configure.

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Feature at a Glance

Introducing: **Analytical Reporting API Speed and Throughput Enhancement**

Enablement

Feature Toggle:

id = "ARE-7764"

name = "Analytical Reporting API - Phase 1 - Faster extraction for non-vector facts/dims"

ICM Parameters:

```
  <parameter name="Application.Analysis.ReportingDataAPI.MaxRecordCountPerPage" type="int" defaultValue="50000" minVal="10000" maxVal="500000" acl="selfservice">
    <description>
      <![CDATA[<P>This section defines the max records that can be requested per non-vector analytical reporting API request</P>]]>
    </description>
  </parameter>


  <parameter name="Application.Analysis.ReportingDataAPI.MaxRecordCountPerFile" type="int" defaultValue="5000" minVal="1000" maxVal="50000" acl="selfservice">
    <description>
      <![CDATA[<P>This section defines the max records saved in one file for non-vector analytical reporting API request</P>]]>
    </description>
  </parameter>
```

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Planned Features

APIs

1. Analytical Reporting API Speed and Throughput Enhancement [ARE-7764]

2. **Enhancements to Supplier Invite API** [NS-12954]

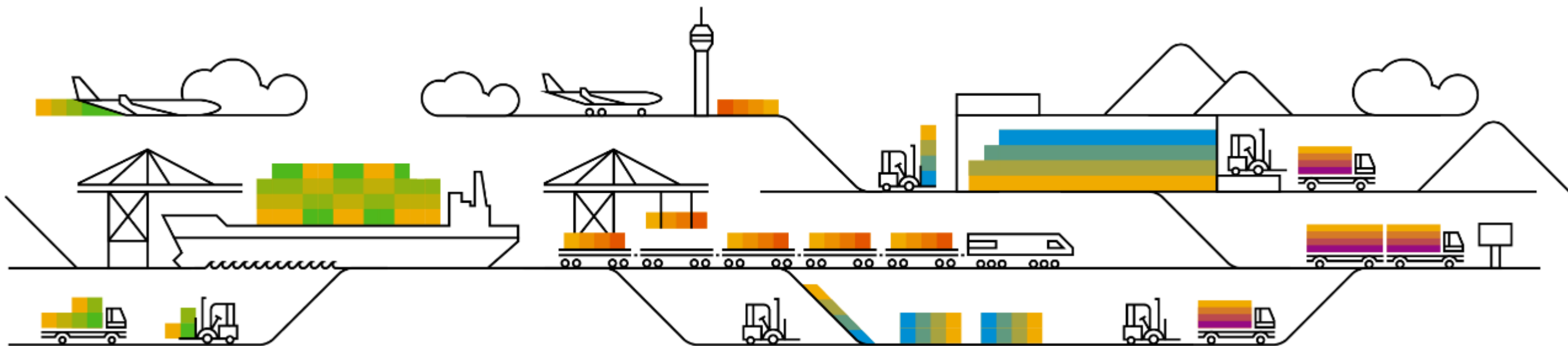*** *A PDF file and Recording of today's presentation will be posted in Release Readiness area of support.ariba.com* ***

Feature at a Glance

Introducing: **Enhancements to Supplier Invite API**

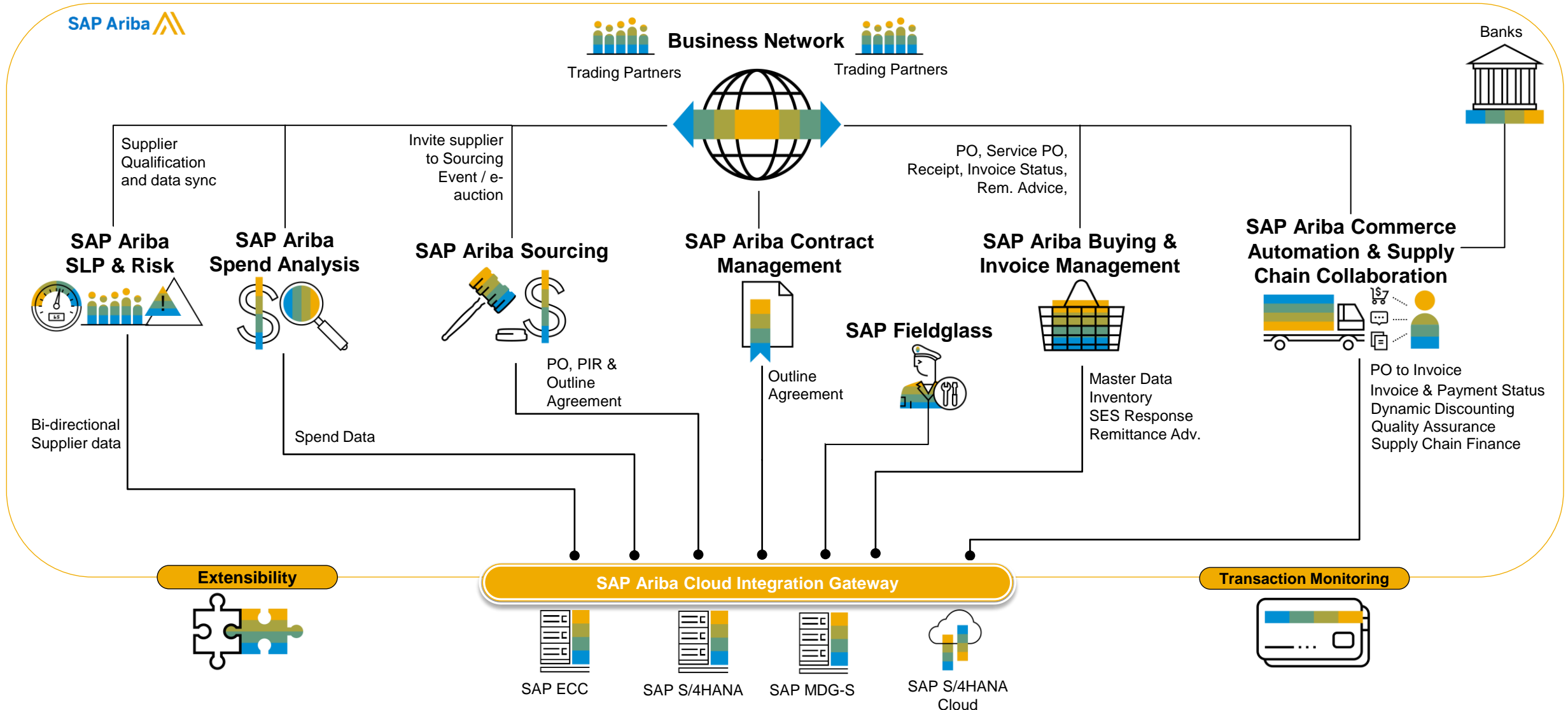Expanded to support collaborationType and collaborationRole fields in the request body

Trading partners can invite and view the collaboration types and roles they are invited for or that they invited other trading partners for

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Cloud Integration
Overview

CIG Integration for Source To Pay (End to End)

SAP Ariba

Business Network

Trading Partners   Trading Partners

Banks

Supplier Qualification and data sync

Invite supplier to Sourcing Event / e-auction

PO, Service PO, Receipt, Invoice Status, Rem. Advice,

SAP Ariba SLP & Risk

SAP Ariba Spend Analysis

SAP Ariba Sourcing

SAP Ariba Contract Management

SAP Fieldglass

SAP Ariba Buying & Invoice Management

SAP Ariba Commerce Automation & Supply Chain Collaboration

PO, PIR & Outline Agreement

Outline Agreement

Bi-directional Supplier data

Spend Data

Master Data
Inventory
SES Response
Remittance Adv.

PO to Invoice
Invoice & Payment Status
Dynamic Discounting
Quality Assurance
Supply Chain Finance

Extensibility

SAP Ariba Cloud Integration Gateway

Transaction Monitoring

SAP ECC   SAP S/4HANA   SAP MDG-S   SAP S/4HANA Cloud

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CIG Adoption Metrics

OOTB INTEGRATION TOUCH POINTS

274

Out-of-box between SAP ERP, S/4HANA, SAP Ariba Solutions and Suppliers
(as of Q2/2022)

BUYERS TRANSACTING IN PRODUCTION

1000+

Actively transacting in production on Cloud Integration Gateway

TRADING PARTNERS IN TEST PHASE

1400+ Buyers
2400+ Suppliers

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

PROCESSED TRANSACTIONS

~1B/Yr

Buy & Sell side Transactions processed (+960M in 2021, +330M 2022 YTD)

SUPPLIERS TRANSACTING IN PRODUCTION

3000+

Across 9 data formats, leading to 50% reduction in integration time.

GLOBALLY TRAINED RESOURCES

1300+

Trained resources across 5 global regions with 10+ CIG ready partners

168 Buyer Integrations

APPLICATIONS – SOURCING

24 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)

Sourcing – Retail
Article Master
Characteristics
Profile (Class)
Merchandise Category
Display Set
Article/Site
Generic Article Variant

Supplier Management
SLP outbound (pass-through)
SLP inbound (pass-through)
Bank Master

11 TRANSACTION

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

Contracts
Contract Workspace to
Outline Agreement
Scheduling Agreement
Central Contract

APPLICATIONS – PROCUREMENT

39 MASTER

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

34 TRANSACTION

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

SAP BUSINESS NETWORK

60 TOTAL

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)
Consignment Invoice
Invoice status
Carbon copy (CC) invoice
Quote request
cRFQ (Central RFQ)
Quote message
cSQ (Central Supplier Quotation)
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
MRP Change Request
MRP Change Request Response
MRP Change Request Confirmation

Forecast and SMI
Scheduling Agreement
Forecast Demand (Product Activity)
Inventory Levels (Product Activity)
Product Replenishment
Replenishment Order for SMI
Bill of Materials (BOM)

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

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106 Supplier Integrations

SAP BUSINESS NETWORK

32 X12 v4010

204
214
810
820
824 (In & Out)
830 (Forecast)
830 (Commit)
832
842 (In & Out)
846 (In & Out)
850
855
856
860
861
862
863 (In & Out)
864
866
866 (MO/PO)
940 (In & Out)
943
944
945 (In & Out)
997 (In & Out)

1 Peppol

Invoice UBL BIS 3.0

2 XRechnung

Invoice
Application Response

7 GS1 EANCOM 97

ORDERS	INVOIC	CONTRL
ORDCHG	REMADV	
DESADV	APERAK	

8 GS1 EANCOM 2002

ORDERS	INVOIC	APERAK
ORDRSP	DESADV	CONTRL
ORDCHG	REMADV	

14 EDIFACT D96A

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

9 EDIFACT D01B

ORDERS	DELFOR
ORDCHG	DELJIT
ORDRSP	
INVOIC	
DESADV	
CONTRL	
APERAK	

4 SAP ERP & S/4HANA

Sales Order
Order Confirmation
Outbound Delivery
Billing Document

11 PiDX V1.61

Order Request
Order Change
Order Response
Invoice
Invoice Response
Receipt
Receipt Acknowledgement
Exception
Invoice Response SESR
Advanced Ship Notice
Price Sheet

9 GS1 GUSI

Multi Shipment Order
Dispatch Advice
Replenishment Proposal
Replenishment Request
Product Forecast
Goods Requirement
Receipt Advice
Consumption Report
Inventory Activity or Inventory Status

9 OAGIS V9.2

Process Purchase Order (PO)
Acknowledge Purchase Order
Notify Shipment
Process Receive Delivery
Notify Planning Schedule
Notify Inventory Consumption
Notify Production Order
Notify Inventory Balance
Confirm BOD

Data Center Availability

CURRENT & PLANNED

EUROPEAN UNION
DATA CENTER

US DATA CENTER

CHINA DATA CENTER (Q4 2021)

UAE DATA CENTER (Q2 2022)

KINGDOM OF SAUDI ARABIA
DATA CENTER (Q1 2022)

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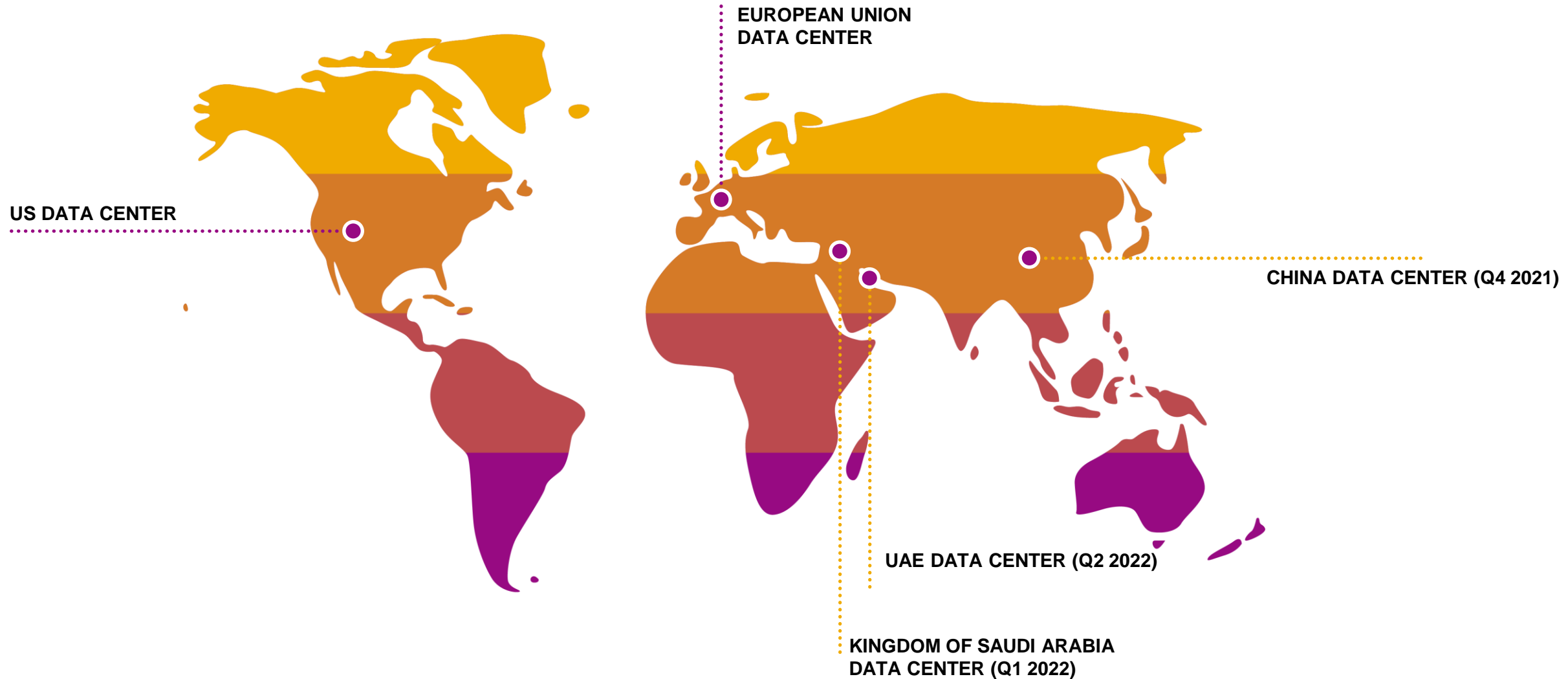
How to learn more about CIG

LEARN | NETWORK | SUCCEED

VISIT OUR SITE

Our website is full of great resources and content especially on the features and benefits of Cloud Integration Gateway.

TAKE A COURSE

Enroll in e-learning and virtual training courses via SAP Learning Hub (course code AR822e) and SAP Training Shop (course code AR822)

JOIN THE COMMUNITY

The SAP Ariba Cloud Integration Gateway Community is thriving with subject matter experts and users. Stay up-to-date with the latest announcements and features.

*** *A PDF file and Recording of today's presen*

Cloud Integration
CIG Release and CIG AddOn Support Packs
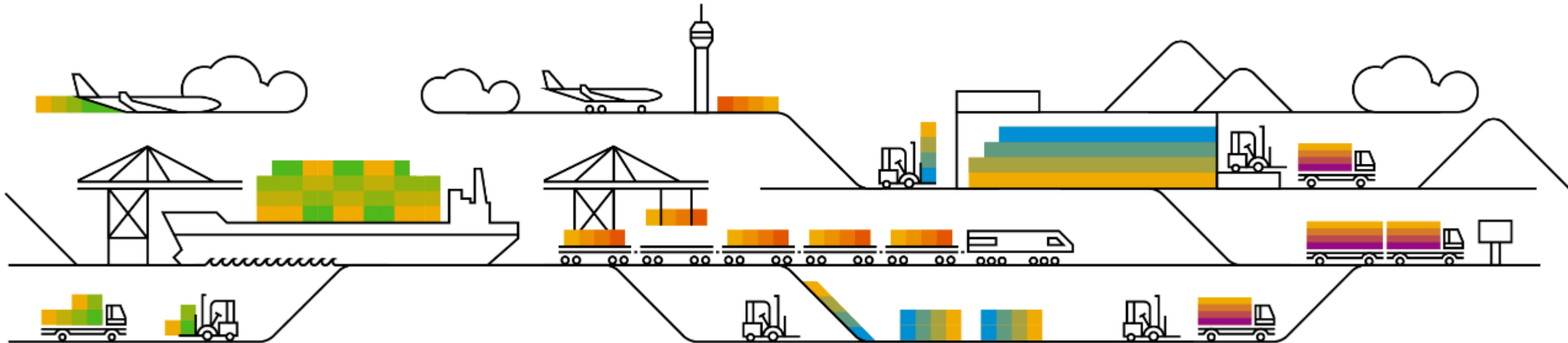
CIG Release 2205: AddOn Components & Support Packs

CIG Buyer AddOn for SAP ERP	
ABAP component	**Support Pack**
ARBCI1 100	SP17
ARBCI2 100	SP11*
ARBCIGR 100	SP1*

CIG Supplier AddOn for SAP ERP	
ABAP component	**Support Pack**
ARBCIS 100	SP04*

CIG Buyer AddOn for S/4 HANA	
ABAP component	**Support Pack**
ARBCI1 10S	SP17
ARBCI2 10S	SP11*
ARBCIGR 10S	SP1*

* No change from previous CIG AddOn SP

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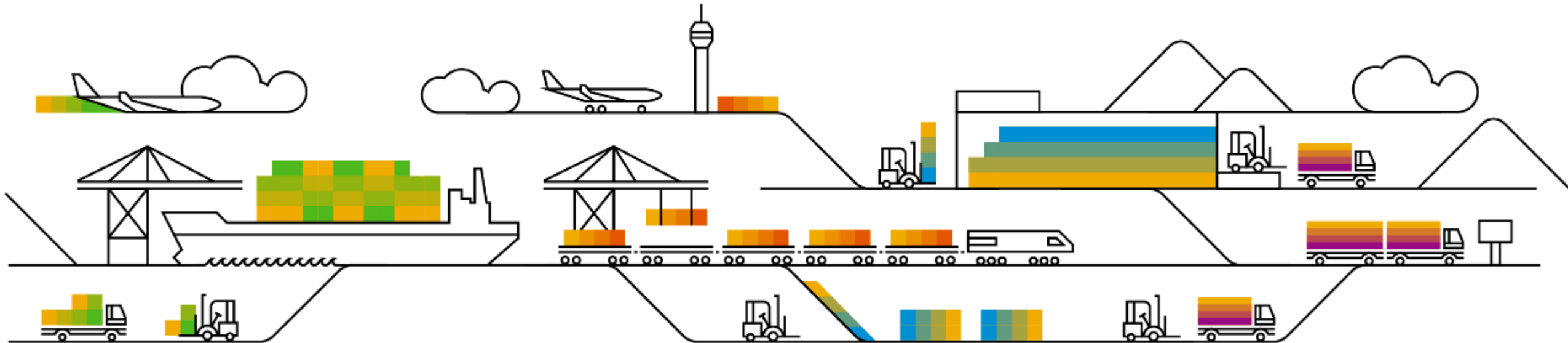
CIG **AddOn: Change to Release cadence**

❑ Effective current release, CIG AddOn release is changing to **2 times a year** with **May & November** quarterly release (currently, AddOn is released 4 times a year)

❑ It provides customers more effective time to adopt, prior to upgrade to next Support Pack

❑ AddOn Support policy will continue with N & N-1 SP version. New cadence will provide customers 1 full year of supportability for CIG

❑ Features that are independent of AddOn e.g. CIG Platform, CIG Portal and API based integration for S/4 HANA, will continue the same cadence (4 times a year, every quarter, in February, May, August & November)

FAQ: https://support.ariba.com/item/view/203081

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Cloud Integration
New Features: CIG Core (Platform & Portal)

New Features: CIG Core

- **IG-35649**   Enhancements to the mapping tool to support additional logical operators for mapping and grouping of multiple conditions

- **IG-35650**   Integration support to configure test environment host names for SAP Fieldglass tenants of the buyer

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IG-35649 Enhancements to the mapping tool to support additional logical operators for mapping and grouping of multiple conditions

Customer Challenge

- Our mapping tool today allows users to apply source or target conditions when performing the mapping. However, for the mapping to happen, all the conditions chosen should always satisfy since the underlying operator was defaulted to 'AND'. Grouping of conditions were also not allowed.

Solution

New mapping tool enhancements introduced include -
- Enable the user to combine conditions with AND or OR.
- Enable the user to negate condition elements or even groups
- Allowing the users to group more than two conditions using operator other than 'AND'.
- Enable the user to create complex expression by allowing them to create simple connections between two condition elements or even groups.
  By using these recursively they can be used to mirror complex expressions.

Key Benefits

User's will be able to access additional mapping feature functionality via the tool to build their custom maps that fits their business needs. Decision making logic for performing a mapping can be defined by users through UI.

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IG-35649 Enhancements to the mapping tool to support additional logical operators for mapping and grouping of multiple conditions

Conditions

Source Conditions, Context XPath:
/ARBCIG_ORDERS/IDOC/EDI_DC40/MANDT
Source Conditions, Full Context XPath:
/ARBCIG_ORDERS/IDOC/EDI_DC40/MANDT[(contains(normalize-space(./text()),'Test') and ../STATUS='approved') or (contains(normalize-space(./text()),'Test') and contains(../TEST,'true'))]

Identifier	Condition XPath	Type	Operator	Modifier	Co...	Action
C1	/ARBCIG_ORDERS/IDOC/EDI_DC40/MANDT	VALUE	CONTAINS	normalize-space	Test	🗑
C2	/ARBCIG_ORDERS/IDOC/EDI_DC40/STATUS	VALUE	EQUALS		ap...	🗑
C3	/ARBCIG_ORDERS/IDOC/EDI_DC40/TEST	VALUE	CONTAINS		true	🗑

Source Expression	Action
((C1 and C2) or (C1 and C3))	✏ ⊗

Target Conditions, Context XPath:
/cXML/Request/OrderRequest/OrderRequestHeader/@parentAgreementPayloadID
Target Conditions, Full Context XPath:
/cXML/Request/OrderRequest/OrderRequestHeader/@parentAgreementPayloadID

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IG-35649 Enhancements to the mapping tool to support additional logical operators for mapping and grouping of multiple conditions

Demonstration

If you do not see the demonstration playing, please click the Media Player icon in your ON24 control panel
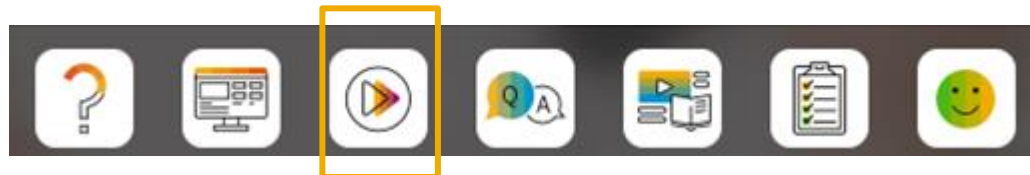
IG-35650 Integration support to configure test environment host names for SAP Fieldglass tenants of the buyer

Customer Challenge

The Service Procurement Integration (4r2) was introduced as part of CIG in 2105. The integration flow allows Buyers the combinational benefit of Invoicing capabilities of Ariba Network and Service Procurement capabilities of Fieldglass.

Fieldglass application has multiple test environments. Each environment may house multiple Buyer tenants. Buyers can choose to test their integration with any of these environments. However, Buyers did not have a way to configure the URL for their Fieldglass test tenant as a self-service. Additionally, Buyers could not see the flow of documents on CIG Tracker.

Solution

The enhancement that are targeted via this feature include-
- **Ability to configure TEST URL for Fieldglass:** CIG will allow user(buyer) to configure the test end points for Fieldglass with the ability to edit the endpoints as and when needed.
- **Visibility of Transactions:** Transactions going from Ariba Network to Fieldglass will be visible to Buyers.

Key Benefits

Buyers can choose the TEST tenant where they want to test their Fieldglass integration which is configurable via UI on CIG Portal.
Buyers can see the flow of documents between Ariba Network and Fieldglass providing more visibility and transparency in the flow.

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IG-35650 Integration support to configure test environment host names for SAP Fieldglass tenants of the buyer

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Cloud Integration
New Features: Ariba Network Buyer Integration

New Features: Ariba Network Buyer Integration

- **IG-35546**   Enhancements to packaging data export integration and ship notice integration
- **IG-35946**   IG-35946 Enhancements in stock transport order integration to send inventory information to Ariba Network

*** *A PDF file and Recording of today's presentation will be posted in Release Readiness area of support.ariba.com* ***

IG-35546 Enhancements to packaging data export integration and ship notice integration

Customer Challenge

- Customers did not have the ability to process packaging data export in the background making it difficult to process large volumes of data.
- In addition, packaging data exports did not support assigning parent packaging material for auxiliary packaging material. As a result, customers were not able to allow suppliers to add auxiliary packaging material at a specific packaging hierarchy while processing ship notices on Ariba Network.
- Furthermore, customers did not have ability to integrate ship notices containing empty packaging material.

Solution

- Enhancements to packaging data export from ERP to Ariba Network
    - Additional selection criteria to filter data based on check profile, handling unit groups, creation date of packing instructions
    - enable background processing to extract packing instructions
    - include the assignment of parent packaging material to auxiliary packaging material
    - include the ERP system ID associated with the packing instructions

IG-35546 Enhancements to packaging data export integration and ship notice integration

Solution

- Enhancements to ship notice integration from Ariba Network to the ERP
  - support the inclusion of empty packaging material as auxiliary packaging material
  - support the inclusion of empty packaging material as handling units with zero load quantity

Key Benefits

- This feature provides the ability for buyers to export large amounts of data and integrate ship notices containing empty packaging material either as auxiliary packaging or as empty handling units with zero load quantity.

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IG-35546 Enhancements to packaging data export integration and ship notice integration

Transaction code: ARBCIG_ASN_HU_EXP

Export Packaging Data for Handling Units to Ariba Network

Choose Path for File output.

File Path

Filters

Check Profile	to	
Handling Unit Group 1	to	
Handling Unit Group 2	to	
Handling Unit Group 3	to	
Handling Unit Group 4	to	
Handling Unit Group 5	to	
Creation Date	to	

Background Processing

Application Server Path

☐ Extract Auxiliary Material with Assignment to Parent Packaging Material

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IG-35546 Enhancements to packaging data export integration and ship notice integration

Sample Extract Excel

SAP Ariba

Packaging Instructions

Packaging Specification ID	Material	Packaging Level	Packaging Material	Parent Packaging Material	Create Handling Unit	Allow Mixed	Is Auxiliary	Is Printable	Is Default	ERPSystemID
134230	349781	1	349777		Yes	No	No	Yes		Q8JCLNT002
134230	349781	2	349771	349777	No	No	Yes	No		Q8JCLNT002
134233	349782	1	349775		Yes	No	No	Yes		Q8JCLNT002
134233	349782	2	349772	349775	No	No	Yes	No		Q8JCLNT002

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IG-35546 Enhancements to packaging data export integration and ship notice integration

Inbound Delivery Handling Unit with Auxiliary Material

IG-35546 Enhancements to packaging data export integration and ship notice integration

Inbound Delivery Handling Unit with Zero Load (Empty Packaging Material)

IG-35946 Enhancements in stock transport order integration to send inventory information to Ariba Network

Customer Challenge

- Buyers were not able to send material inventory information from their ERP system to Ariba Network to support stock transport order collaboration processes and as a result, trading partners did not have visibility on inventory. This information is critical to ensure that trading partners submit ship notices that consume the quantity from available stock.

Solution

- Enhancements for stock transport order integration
  - to send plant-level In-transit and Unrestricted stock from SAP ERP or SAP S/4HANA to Ariba Network
  - product activity message includes batch details and serial numbers for the Unrestricted stock (a batch or a serial number does not apply to the In-transit stock)
  - product activity message is sent to vendors assigned to the corresponding plant
  - SLG1 application log is created indicating Vendor-Plant combination to which product activity message is **sent** and '**not sent**'

IG-35946 Enhancements in stock transport order integration to send inventory information to Ariba Network

Key Benefits
▪ Ariba Network buyers will be able to send in-transit and unrestricted stock for materials from their ERP systems to Ariba Network. With this inventory information, trading partners will be able to validate consumption of material from the available inventory.

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IG-35946 Enhancements in stock transport order integration to send inventory information to Ariba Network

Difference for Intercompany STO vs Intracompany STO

Stock Transport Order type	Material stock type	cXML field
Intracompany stock transport order	Unrestricted stock	UnrestrictedUseQuantity
	Stock in transit	IntransitQuantity
Intercompany stock transport order	Unrestricted stock	UnrestrictedUseQuantity
	Stock in trans.CC	StockInTransferQuantity

IG-35946 Enhancements in stock transport order integration to send inventory information to Ariba Network

Transaction code: ARBCIG_PROA_INV (**New*** for the same program)

* (in addition to existing transaction code ARBCIG_SUBCON for the same program)

Stock for Product Activity message

General Parameters

Plant	0001	to
MRP Area		to
Material	R1000	to
MRP Type		to
MRP Controller		to
Purchasing Group		to

Additional Selection Criteria

○ Only Subcon Component Provision Inventory

◉ Only Intransit & Unrestricted Stock

☑ Display Log

Vendor details are derived from the plant information entered on the selection screen

Stock for Product Activity message

General Parameters

Plant		to
MRP Area		to
Material	☑	to
MRP Type		to
MRP Controller		to
Purchasing Group		to

Vendor

Vendor		to
☐ Vendor in Source List		

Additional Selection Criteria

◉ Only Subcon Component Provision Inventory

○ Only Intransit & Unrestricted Stock

☑ Display Log

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IG-35946 Enhancements in stock transport order integration to send inventory information to Ariba Network

Technical Overview: cXML Mappings

ProcessType
ProductActivityHeader > procesType = StockInventory

```xml
<ProductActivityMessage>
    <ProductActivityHeader messageID="42010AEE25251EECA5C5F7F2F4B48E7A"
                           processType="StockInventory"
                           creationDate="2022-03-25T12:40:29+00:00"/>
<Inventory>
    <UnrestrictedUseQuantity quantity="400.0">
        <UnitOfMeasure>EA</UnitOfMeasure>
    </UnrestrictedUseQuantity>
    <IntransitQuantity quantity="30.0">
        <UnitOfMeasure>EA</UnitOfMeasure>
    </IntransitQuantity>
</Inventory>
</ProductActivityDetails>
<ProductActivityDetails>
```

Cloud Integration
New Features: IES S2P Integrations
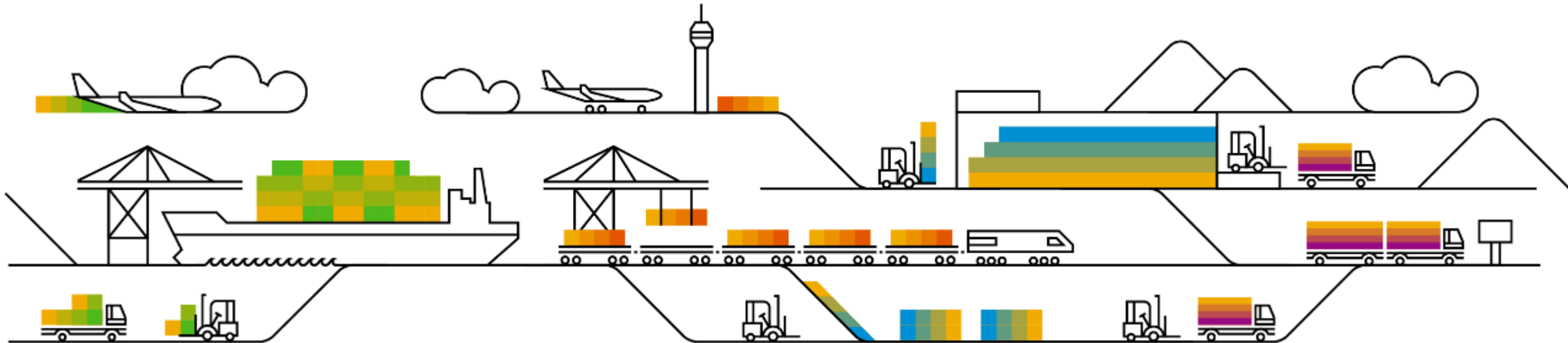
New Features: IES S2P Integrations (SAP S/4 HANA)

- **IG-34911**   Integration support to display complete comments from the line item level and header level combined in one single note in the invoice received by SAP S/4HANA Cloud buyers in the 42K integration scenario

- IG-34914   Integration support for including serial numbers and batch numbers in purchase orders sent from SAP S/4HANA Cloud to Ariba Network in the 42K integration scenario

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Survey / Feedback

Please take the time to provide Survey feedback

- If not already visible, click the Survey button at the bottom of the screen.

- Answer the 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!

Reminder Session Materials

Scroll through to see full list of features, documentation links, release schedules, and archived information from prior releases.

Release Readiness

SAP Ariba Release Readiness

Welcome to the SAP Ariba Release Readiness portal - a central location to get up-to-date information and materials to help you prepare for upcoming releases.

The *ReCAPTCHA verification for the external supplier request* [SM-26592] introduced with the 2202 SAP Ariba release is now available in all data centers.

2205 Release Resources

Review the Feature List. Includes brief descriptions, enablement model, and access to available KT and demos.

Discover the benefits coming with this release with the Release Highlights.

The Release Summary provides a downloadable overview of planned features with links to additional feature content.

The What's New in SAP Ariba guide provides full details on each feature.

Quick Links

Next Generation Cloud Delivery: IP Address Allow/Block List

Intelligent Source to Pay

Cloud Integration Gateway (CIG) Community

Guided Sourc...

Chat bot

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Thank you.

Contact information:

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Sr. Director, Roadmaps and Releases
ISBN Customer Office
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rob.jones@sap.com

Appendix: Additional information of possible interest
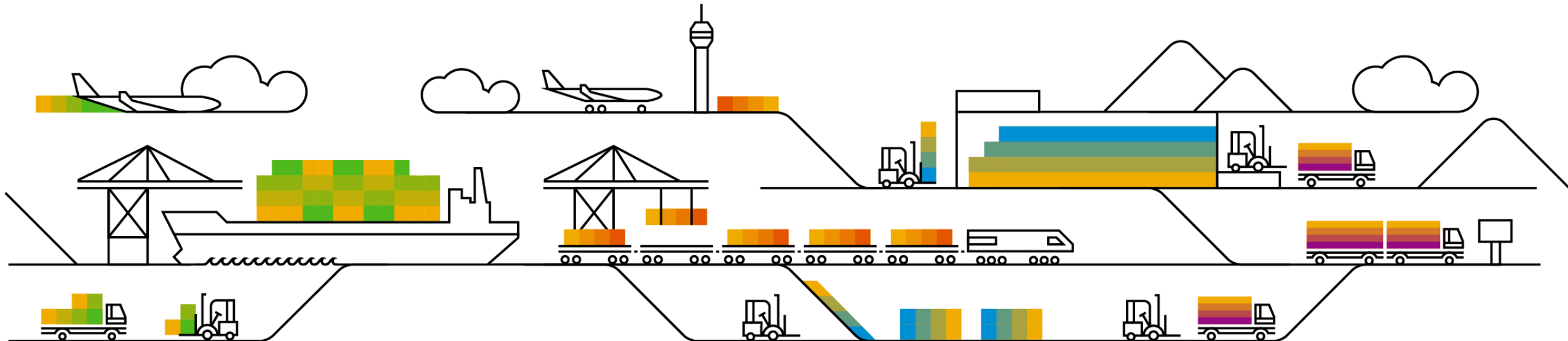
Communications Notice Recipients

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 Administration & more / Administration / Subscriptions

- Announcements / News, toggle from No to Yes

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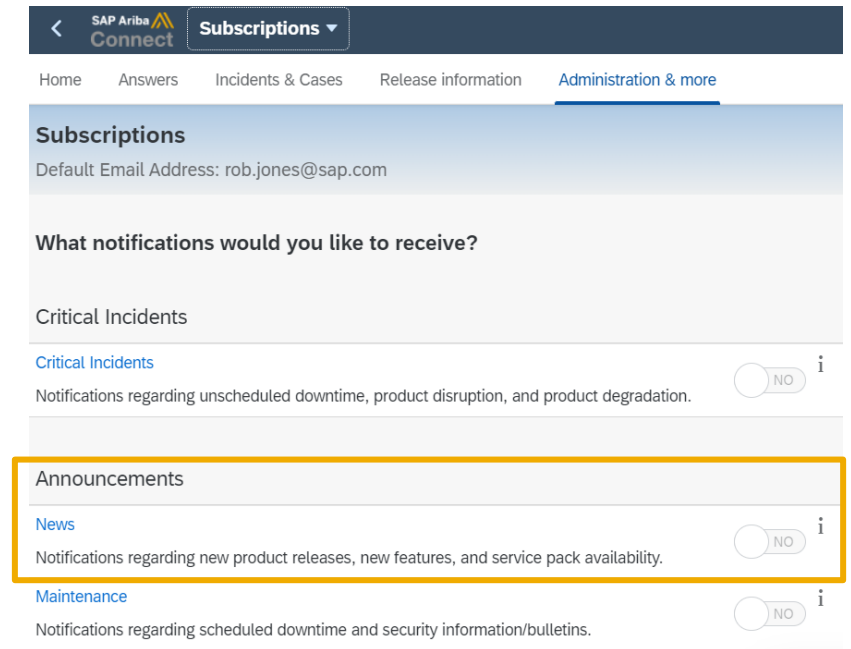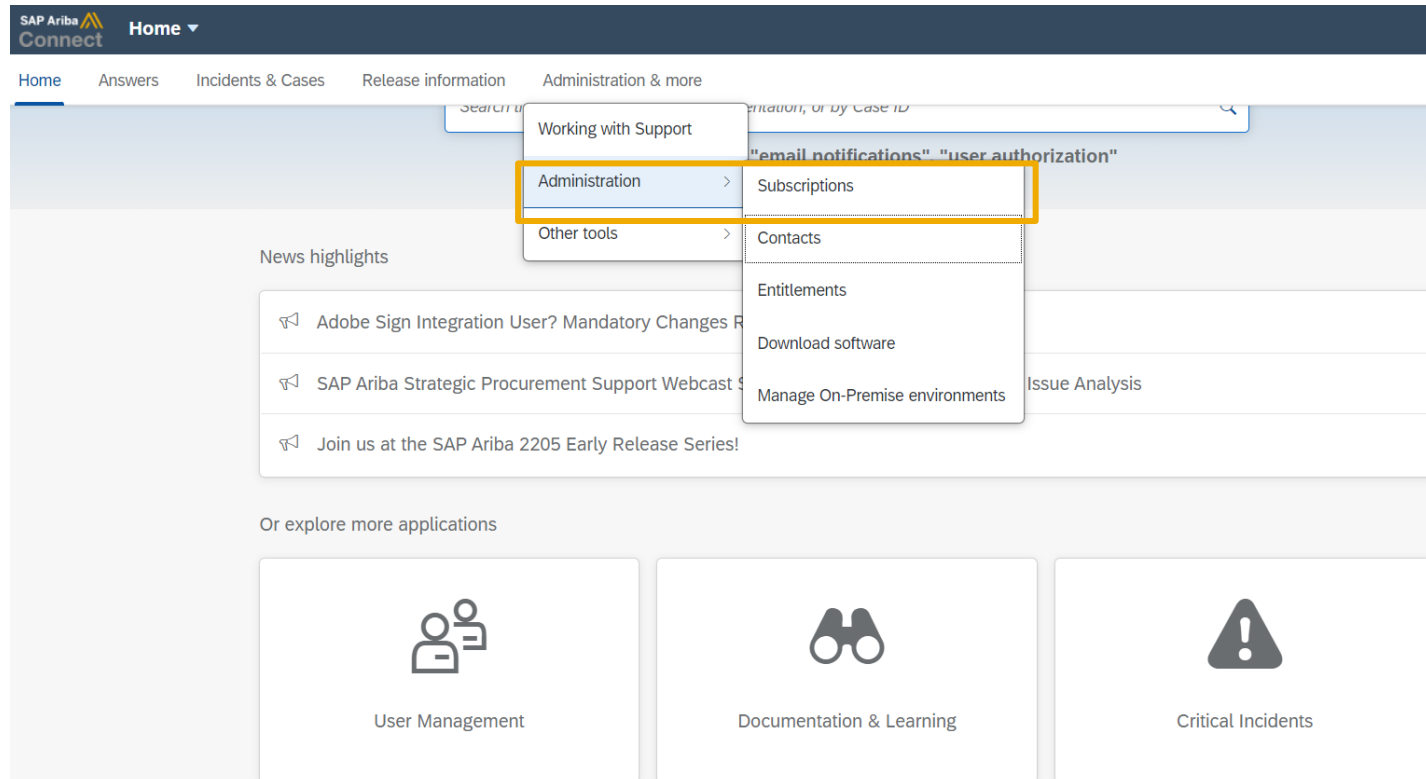
Historical release information Archive page

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

Listed in chronological order inclusive of feature lists and each solution area presentation and materials.

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