

# Empowering Seamless Integration Using SAP Integration Suite

Simplifying ITK, Dell Boomi, and PI\_PO Transitions

# Presenters

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# Agenda



**AGENDA**

**1**

**Introduction**

**2**

**Boomi to SAP Integration Suite**

**3**

**PI/PO to SAP Integration Suite**

**4**

**Ariba ITK to SAP Integration Suite**

**5**

**Crave Business Accelerator Hub  
Packages**

**6**

**Q&A**

# Why Crave InfoTech?



## We Are In It For Joint Success!

We are an award-winning SAP PE-build, PE-Sell & PE-Services partner who can successfully implement complete enterprise solutions, minimizing total cost of ownership, with rapid deployment and a lasting impact for efficiency and total audit-ready compliance.

**15+** Years of providing niche SAP consulting across industries

**50+** Pre-packaged products for SAP EWM, IAM, AIN, PDMS & ASPM

**50+** Enterprise customers served successfully

**300+** Team size ensuring service delivery round the clock

### Partners



### Certifications



### Awards



Application Listed in top 5 globally

# Crave is the Right Partner to Embark with You on Your Digital Journey



Crave InfoTech offers **50+ pre-packaged applications** focused on multiple industry use cases around SAP. Our applications are **80%-90% implementation ready** with the least deployment time or customizations required. Our pre-packaged apps compliment SAP's standard offerings, enabling 100% operational automation.

## Our Core Competencies!

<b>CRAVE BUSINESS TECHNOLOGY PLATFROM (BTP)</b>	<b>CRAVE INTELLIGENT ASSET MANAGEMENT</b>	<b>CRAVE INTELLIGENT WAREHOUSE MANAGEMENT</b>	<b>CRAVE INTELLIGENT SUPPLY CHAIN AUTOMATION</b>	<b>CRAVE INTELLIGENT ENTERPRISE</b>
<ul style="list-style-type: none"><li>• Keep Core Clean</li><li>• Side by Side Extensions – CAPM and RAP</li><li>• Integration Suite</li><li>• The Build – App Dev, Process Automation, Workflow and WorkZone</li><li>• Analytics: SAC, HANA Database and Data Science, AI, ML, and Predictive Analytics</li><li>• Enterprise Mobility - SAP MDK, SDK, fiori &amp; UI_UX</li><li>• CALM</li><li>• Design Thinking</li></ul>	<ul style="list-style-type: none"><li>• SAP EAM offerings – SAP PM/SM Implementation, Asset Manager, Work Manager, SAP IAM, &amp; Predictive Maintenance</li><li>• SAP MRS</li><li>• SAP FSM</li><li>• Crave Field Workforce Management apps – Planner Workbench, Maintenance, Calibration &amp; Approvals</li><li>• Barcode, QR Code and RFID enablement</li></ul>	<ul style="list-style-type: none"><li>• Barcode, QR Code and RFID enablement</li><li>• RF devices in Warehouse</li><li>• ITS Mobile</li><li>• BTP Powered Mobile App</li><li>• Voice enabled order picking</li><li>• Smart order picking using Augmented reality</li><li>• Streamlined picking using indoor forklift mapping and forklift integration</li></ul>	<ul style="list-style-type: none"><li>• Proof of Delivery</li><li>• Transport Management</li><li>• SAP Direct Delivery, Visit Management</li><li>• Picking &amp; Truck Loading</li><li>• Last Mile Tracking</li><li>• Truck Latency Management</li><li>• Yard Management</li><li>• Venue mapping and inside plant routing</li><li>• Barcode &amp; RFID enablement</li></ul>	<ul style="list-style-type: none"><li>• RISE with S/4 HANA Cloud</li><li>• Fiori and UI/UX</li><li>• Ariba</li><li>• Implementation</li><li>• AMS Support</li><li>• Resource augmentation</li></ul>

# Simplify Diverse Landscapes



## Applications



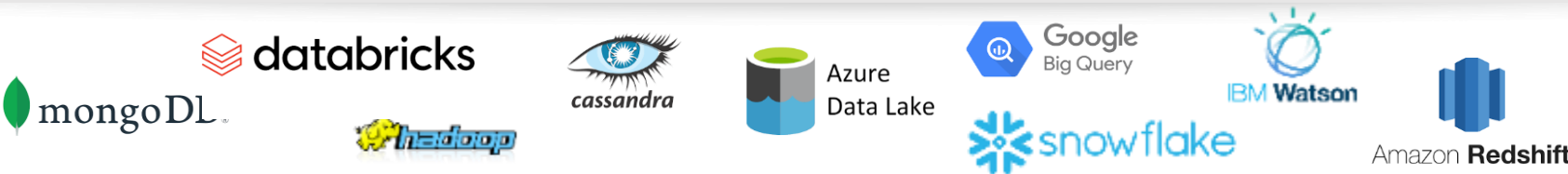
## Analytics/ Planning



## Integration/ Data Movement



## Data Technologies



## Automation (/bots – RPA, workflow)



## App Dev /Portal



## Infrastructure



SAP BTP

SAP Analytics Cloud

SAP Integration Suite Datasphere

SAP HANA Cloud Datasphere

SAP BUILD Process Automation

SAP BUILD Apps + Work Zone



## Boomi Migration to SAP Integration Suite

# Why Migrate from Boomi?

## No Longer Available



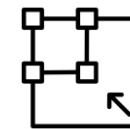
SF Boomi SKU was terminated, and it is no longer available. This would naturally limit usage.

## Limited Content



Pre-built content on Boomi is limited which might hamper your operational plans.

## Scalability Concerns



As your business grows, Boomi might face limitations in handling a higher volume of data and transactions.



# SAP Integration Suite v/s Boomi



Pre-packed Integration Flows	SAP Integration Suite	Boomi
SAP SuccessFactors Employee Central Integration with SAP ERP or SAP S/4HANA: Employee and Organizational Data	✓	✓
SAP SuccessFactors Employee Central Integration with Third-Party Time Vendor - Kronos	✓	✓
SAP SuccessFactors Employee Central Payroll Integration with Alight (Aon Hewitt)	✓	✓
SAP SuccessFactors Employee Central with Third Party Benefits Vendor-Benefitfocus	✓	✓
SAP SuccessFactors Recruiting Management Integration with Third Party Assessment Vendor-People Answers	✓	✓
SAP SuccessFactors Integration with ADP Tax Credits	✓	✗
SAP SuccessFactors Integration with ServiceNow	✓	✗
SAP SuccessFactors Learning and SAP ERP Financials Integration	✓	✗
SuccessFactors Employee Central with IBM Kenexa	✓	✗
SAP Fieldglass Integration with SAP SuccessFactors Employee Central	✓	✗
SAP Cloud for Customer Integration with SAP SuccessFactors Employee Central	✓	✗
SAP SuccessFactors HCM Suite Talent Management Integration with SAP ERP HCM using OData	✓	✗
SAP SuccessFactors Employee Central Payroll Integration With Global Payroll ( Norway, UK, New Zealand, Czech)	✓	✗

# Why Migrate to SAP Integration Suite?



## One Platform



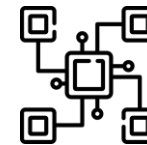
Built on SAP BTP same as all SAP applications -- renders a homogeneous platform to reduce external dependency and seamless collaboration.

## Future Ready



Future-proof investment, benefit from new packaged integrations for your organizational needs.

## Improved Integration



Reduced TCO with 3200+ packaged integration content across LoB & 3rd party solutions

## Scalability & Flexibility



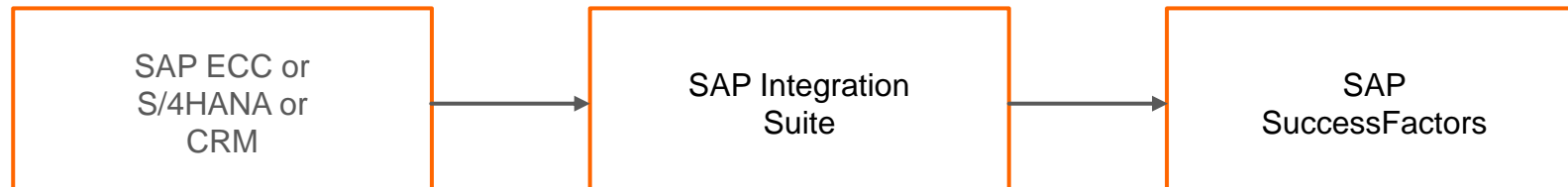
SAP Integration Suite provides a robust and scalable platform that can handle any integration requirement, from simple to complex, ensuring future-proof adaptability.

# Automating Employee Onboarding and Offboarding using SAP Integration Suite



## Use Case

- Automatically provision user accounts across different systems (email, AD, SAP, CRM, etc.) based on employee data.
- Generate and distribute onboarding documents (offer letters, policies, contracts) to new employees
- Automatically revoke access and disable user accounts across systems upon an employee's departure.
- Track and manage the return of company assets (laptops, mobile devices) from departing employees
- Schedule KT and manage employee training programs and orientation sessions



## Bill of Material (BOM)

SAP Integration Suite | SAP Cloud Identity Services - Identity Authentication | SAP S/4HANA |

## Business Challenge

- Employee Onboarding /Offboarding are critical processes that significantly impact employee satisfaction, productivity, and compliance.
- Not connected systems.
- Manual entry in various system to onboard and offboard employees .
- High Cycle Time due to Coordination with Multiple Departments & Personas

## Solution – At a Glance

- Automation of employee onboarding and offboarding using SAP Integration suite
- Standardized onboarding experience for all new users, eliminating manual interventions and reducing processing times .

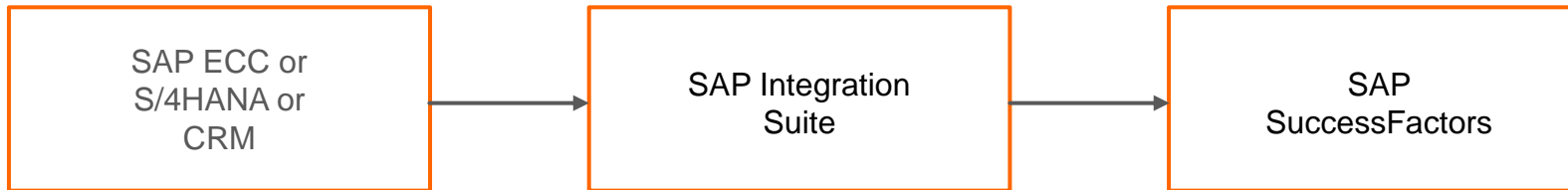
## Business Benefits

- Improved employee experience
- Automation in user id creation across the system.
- The automated onboarding system provides process visibility and tracking to various stakeholders involved in the onboarding process. HR, managers, IT, and other relevant departments and has access to a centralized dashboard that displays the onboarding progress of each user.

# Employee Master Data Replication

## Use Case

Integration of employee data master data between SAP SuccessFactors & other systems such as SAP ECC/S4HANA, or CRM. To ensure consistent & up-to-date employee information across the organization.



## Bill of Material (BOM)

SAP Integration Suite | SAP Cloud Identity Services - Identity Authentication | SAP S/4HANA |

## Business Challenge

- ECC/S4HANA and SuccessFactors.
- Customer was facing challenges with data silos, as employee-related data is scattered across different systems. This leads to manual data entry, inconsistencies, and duplication of effort.
- Regulatory compliance and reporting requirements demand accurate and complete employee data. Manually extracting and consolidating data from multiple systems for compliance reporting is time-consuming and prone to errors.
- Maintaining accurate and up-to-date employee information is crucial for effective HR management. However, manual data entry and disparate systems make it challenging to ensure data accuracy and timeliness.

## Solution – At a Glance

Implemented SAP Integration suite to establish seamless integration between SAP ECC/S4HANA and SuccessFactors. Utilize pre-built integration content and customize integrations to ensure a smooth flow of employee data between the systems.

## Business Benefits

- Automated data replication and integration enable seamless compliance reporting by consolidating accurate employee data
- Data consistency & Improved compliance and reporting
- HR teams can access accurate and up-to-date employee data, reducing administrative burdens and enabling faster decision-making.



# How Quickly we can help to migrate from Boomi to SAP Integration Suite



## Assessment and Planning



- Assess the existing Boomi integrations and document their functionality, dependencies, and criticality.
- Identify the target systems and integration requirements in SAP Integration Suite.
- Evaluate the compatibility of Boomi integrations with SAP Integration Suite, considering the differences in connectors, data mapping, and workflows.
- Develop a detailed migration plan, including timelines, resource allocation, and testing strategies.

## Data and Configuration Migration



- Extract integration configurations, mappings, and transformations from Boomi.
- Map the existing Boomi configurations to the corresponding components in SAP Integration Suite
- Migrate data mappings and transformations, ensuring compatibility with the target systems in SAP Integration Suite.
- Configure and set up the communication channels, adapters, and security settings in SAP Integration Suite.

## Recreate Integrations in SAP Integration Suite



- Develop integration flows in SAP Integration Suite based on the mappings and configurations extracted from Boomi.
- Utilize the available adapters and connectors in SAP Integration Suite to establish connectivity with the source and target systems.
- Configure message routing, error handling, and data validation mechanisms in the new integration flows.
- Implement any necessary transformations or mappings using the available tools and functions in SAP Integration Suite.

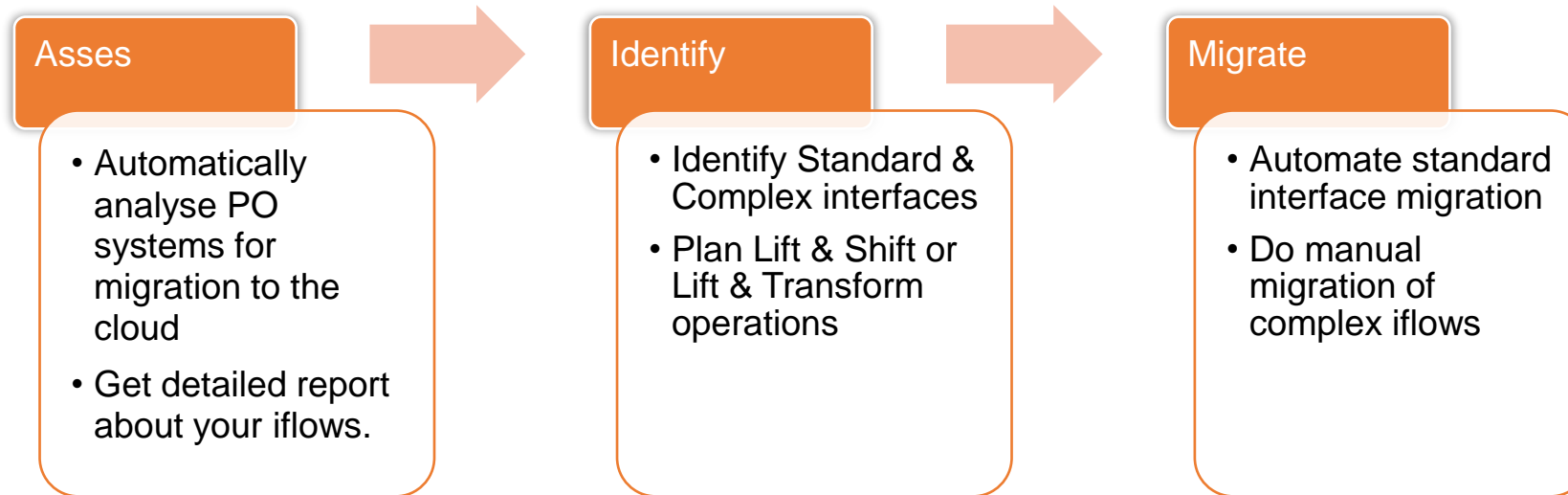
## Testing, Validation & Deployment



- Perform thorough testing of the migrated integrations in SAP Integration Suite.
- Verify the data flow, message transformations, and system interactions against predefined test scenarios.
- Conduct end-to-end testing to ensure the integrations function as expected, including error handling and exception scenarios.
- Validate the migrated integrations with key stakeholders and users, incorporating their feedback for further improvements.
- Deploy after Validation

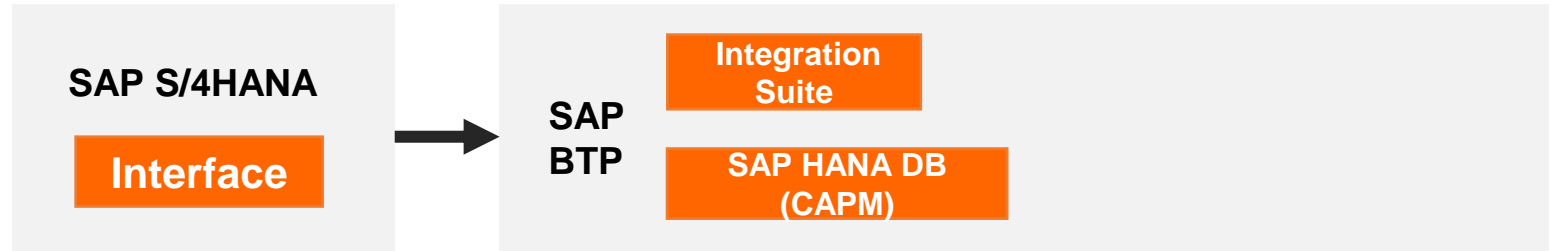
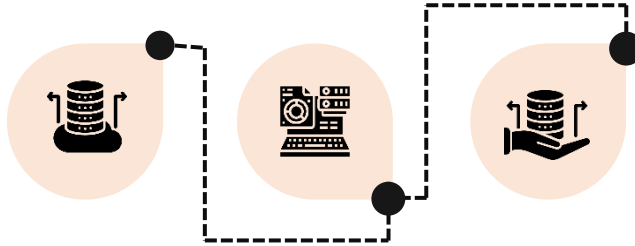
## **SAP PI/PO Assessment & Migration to SAP Integration Suite**

# Assessment & Migration



Migration will be supported for SAP Process Orchestration 7.5 Integrate Configurations (ICO) and Integration Flows. Migration will also be supported in SAP Integration Suite. (Out of Scope: “Classical” configurations, BPM)

# Keep SAP S/4HANA Core Clean



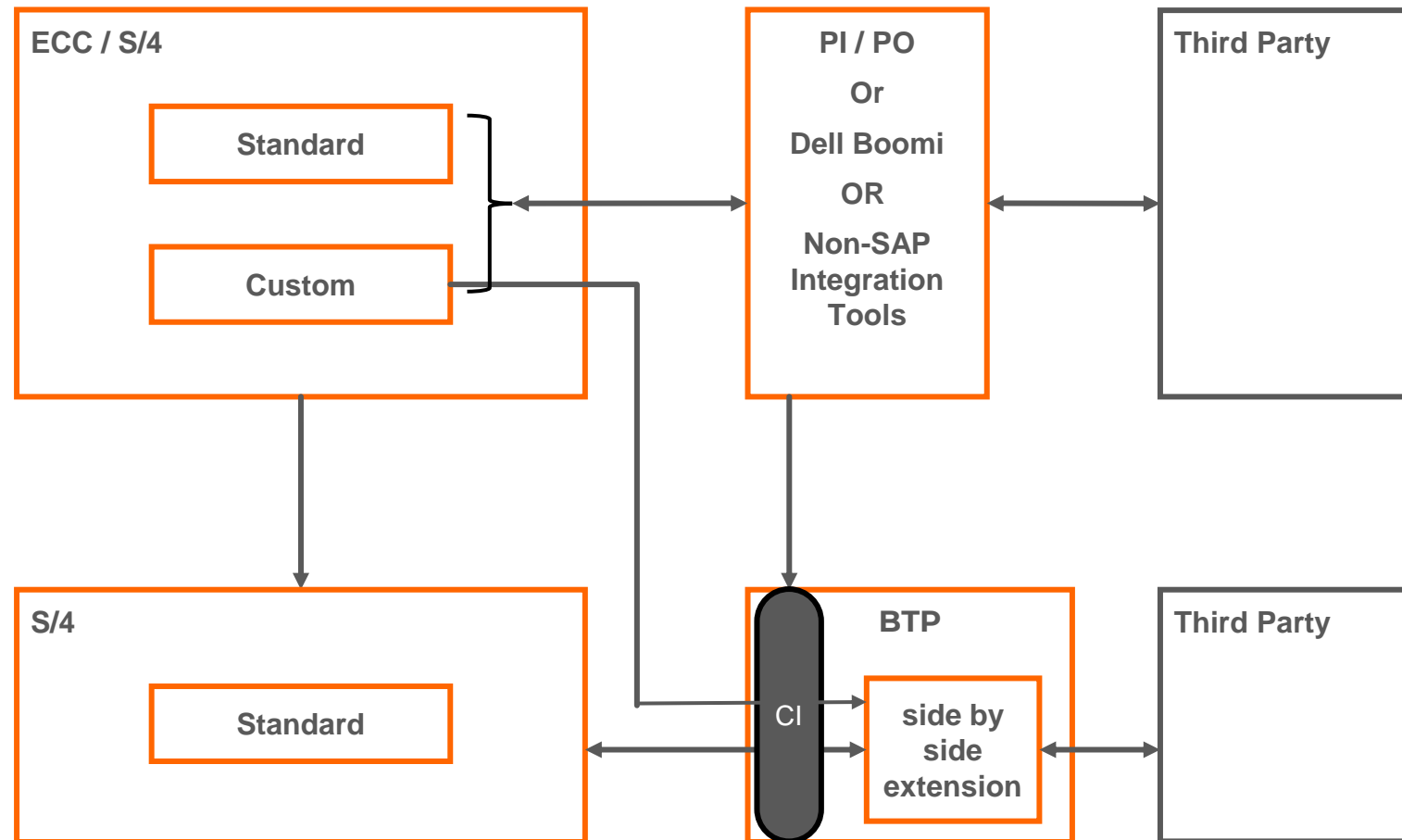
Enhancement	Description
R	Report
I	Interface
C	Conversion
E	Enhancement
F	Forms
W	Workflow

Report Scenarios	Integration Scenarios	Conversion Scenarios	Enhancement Scenarios	Form Scenarios	Workflow Scenarios
EDI Interfaces Flat files		IDOCS Custom tables		Third party Integrations	

SOLUTIONS
<ul style="list-style-type: none"><li>• Migration from PI/PO to Integration Suite</li><li>• API based integration Vs IDOC's</li><li>• Event Mesh to capture real time events and data trigger.</li><li>• Transfer custom logic to BTP to keep core clean.</li><li>• Data Transformation and rules in HANA DB</li></ul>



# Keep Core Clean – Custom Interfaces



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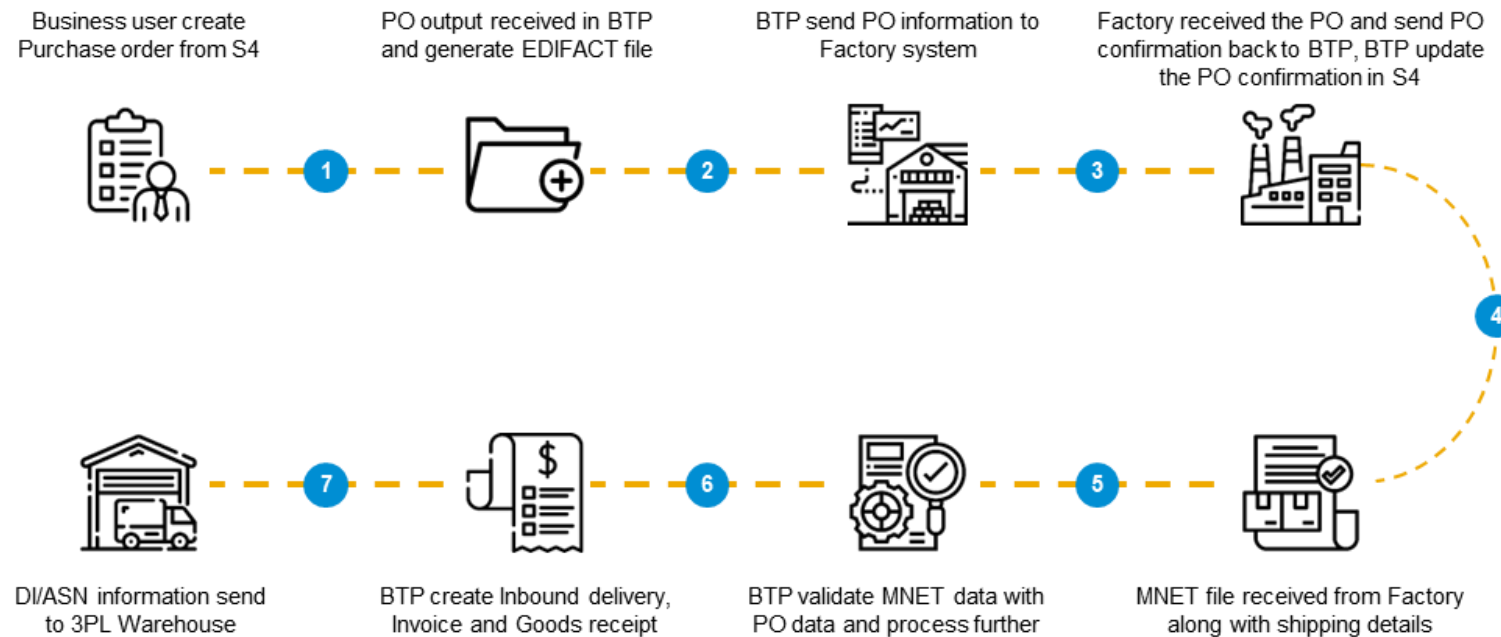


# PI/PO Migration Use Case : Supply Chain Automation



## Use Case

Manual process of PO output to reflect in factory system, creation of Inbound delivery, Invoice, GR based on MMNET file received from factory. Transmit relevant documents to 3PL.



## Bill of Material (BOM)

SAP Business Application Studio | SAP Cloud Integration | SAP Cloud Identity Services - Identity Authentication | SAP S/4HANA

## Business Challenge

- Customer was migrating ECC to S4 and do not want to implement Custom tables and logics into S4HANA.
- Manual process to trigger output for factory system.
- Manual process to create Inbound delivery, Invoice and Goods receipt based on the MNET file received from the factory.

## Solution – At a Glance

- Implemented BTP and created all custom tables, logic into it.
- Implemented CPI to validate and trigger the PO output, create EDIFACT file and send it to Factory.
- Automated the PO confirmation from Factory system to S4.
- Automated the Inbound delivery, Invoice, Goods receipt creation based on MNET file data received from factory.
- Automated the process to send Inbound delivery information to 3PL at the time of creation and change in document

## Business Benefits


- Core clean S4HANA system.
- Reduced user's manual efforts by automation.
- Enhance the process by validating any document creation.

## **SAP Ariba Integration Tool Kit Migration to SAP Integration Suite**



# Ariba ITK End Of Support | What it Means

SAP announced End of Support (EoS) for Ariba Integration Toolkit (ITK) and it will not be supported by SAP support or consulting teams after December 31, 2023.



SAP Ariba Integration Toolkit

If you are using ITK for integrating your ERP systems with SAP Ariba cloud solutions to exchange master and transactional data via CSV file upload and download, we would like to highlight the below information.

What does End of Support mean?	<p>End of support means SAP Ariba Integration Toolkit (ITK) will not be supported by SAP support or consulting teams after December 31, 2023.</p> <p>Before December 31, 2023</p> <ul style="list-style-type: none"><li>• Only critical security issues will be addressed between now and December 31, 2023.</li><li>• ITK has been removed from SAP official download sites with no exceptions.</li><li>• There are no planned releases for SAP Ariba Integration Toolkit (ITK).</li></ul> <p>After December 31, 2023</p> <ul style="list-style-type: none"><li>• There will be no new features or bug fixes provided, and there will be no enhancements for security or compliance to the latest standards.</li></ul>
ITK End of Support date	December 31, 2023

In alignment with our [overall integration strategy to move towards cloud-based integration services](#), SAP will stop all support and maintenance for Ariba Integration Toolkit (ITK) as of December 31, 2023. SAP provides full application integration support for all use cases – Ariba and all SAP plus 3<sup>rd</sup> party solutions – in the cloud via a single more performant, more secure & lower TCO solution: **SAP Business Technology Platform (BTP) Integration Suite**.

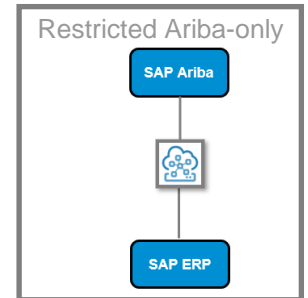
# SAP provides a single, **Enterprise Application Integration** platform for Cloud + Hybrid Cloud/On-Prem scenarios – **SAP Business Technology Platform (BTP) Integration Suite**

SAP Business Technology Platform (BTP) Integration Suite provides three editions to meet all integration scenarios Enterprise Wide:

## 1. **Integration Suite – Managed Gateway for Spend Mgmt and SAP Business Network**

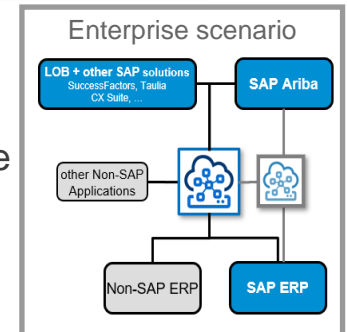
(previously known as Ariba Cloud Integration Gateway or 'CIG')

Prebuilt connectivity restricted to SAP Ariba and SAP ERP – managed by SAP for Ariba customers. This edition was built to meet unique connectivity requirements specific to Ariba (this edition could not be leveraged for ITK migrations integrating to non-SAP ERP systems)



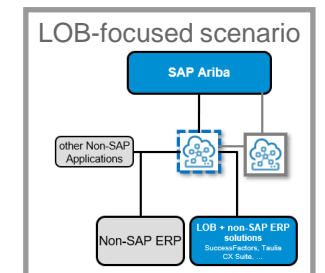
## 2. **Integration Suite – Standard Edition**

Single integration solution for the enterprise. Includes everything in Basic Edition plus end-to-end API lifecycle management, access to B2B Libraries and 160+ third-party SaaS applications, build async message queues for reliable messaging (alert notification, cloud transport, other capabilities) and event-based integration. *For customers migrating from the Ariba ITK, prebuilt content is [here](#) and deployed side-by-side with #1 above*



## 3. **Integration Suite – Basic Edition**

Designed for A2A, B2G and **isolated LOB-specific integration scenarios** – including Ariba for “non-SAP” integration scenarios. Accelerates integration scenarios via prebuilt integration packs from SAP & select partners on [api.sap.com](https://api.sap.com). Includes 1500+ prebuilt integration pack – *for customers migrating from the Ariba ITK, prebuilt content is [here](#) and deployed side-by-side with Managed Gateway for Spend Mgmt and SAP Business Network edition. This is the lowest cost ITK migration option.*



# Ariba ITK Migration – SAP Recommended Migration Scenario Options

## SAP Recommendations

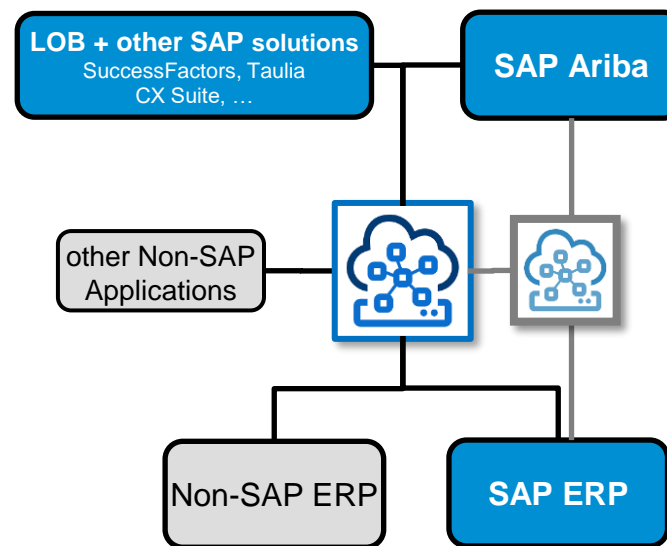
### a) SAP ERP integration only

SAP BTP, Integration Suite  
**Managed Gateway** for Spend Mgmt  
and SAP Business Network\*  
(aka 'CIG' – restricted Ariba/SAP ERP only)



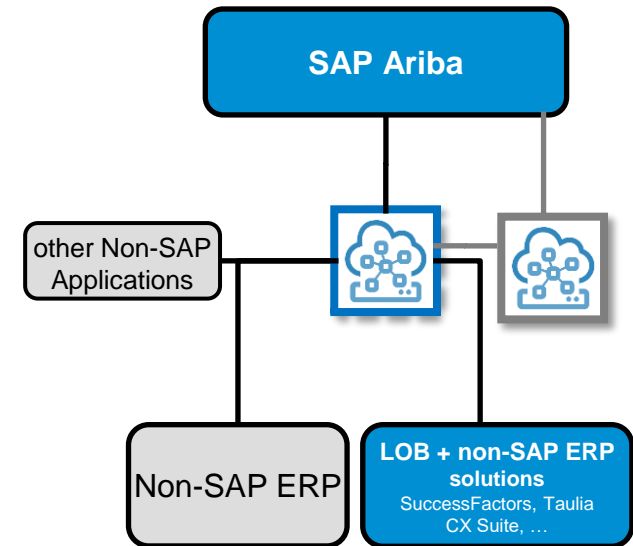
### b) Enterprise: SAP ERP + SAP/non-SAP application(s) integration scenario

+SAP BTP, Integration Suite **Standard Edition**  
includes API mgmt, Alert notification, Cloud transport and  
access to many more enterprise capabilities – *with prebuilt  
integration content specific to ITK available*



### c) LOB: Non-SAP application(s) integration scenario

SAP BTP, Integration Suite **Basic Edition**  
*prebuilt integration content specific to ITK available*



= Integration Suite – **Standard** Edition



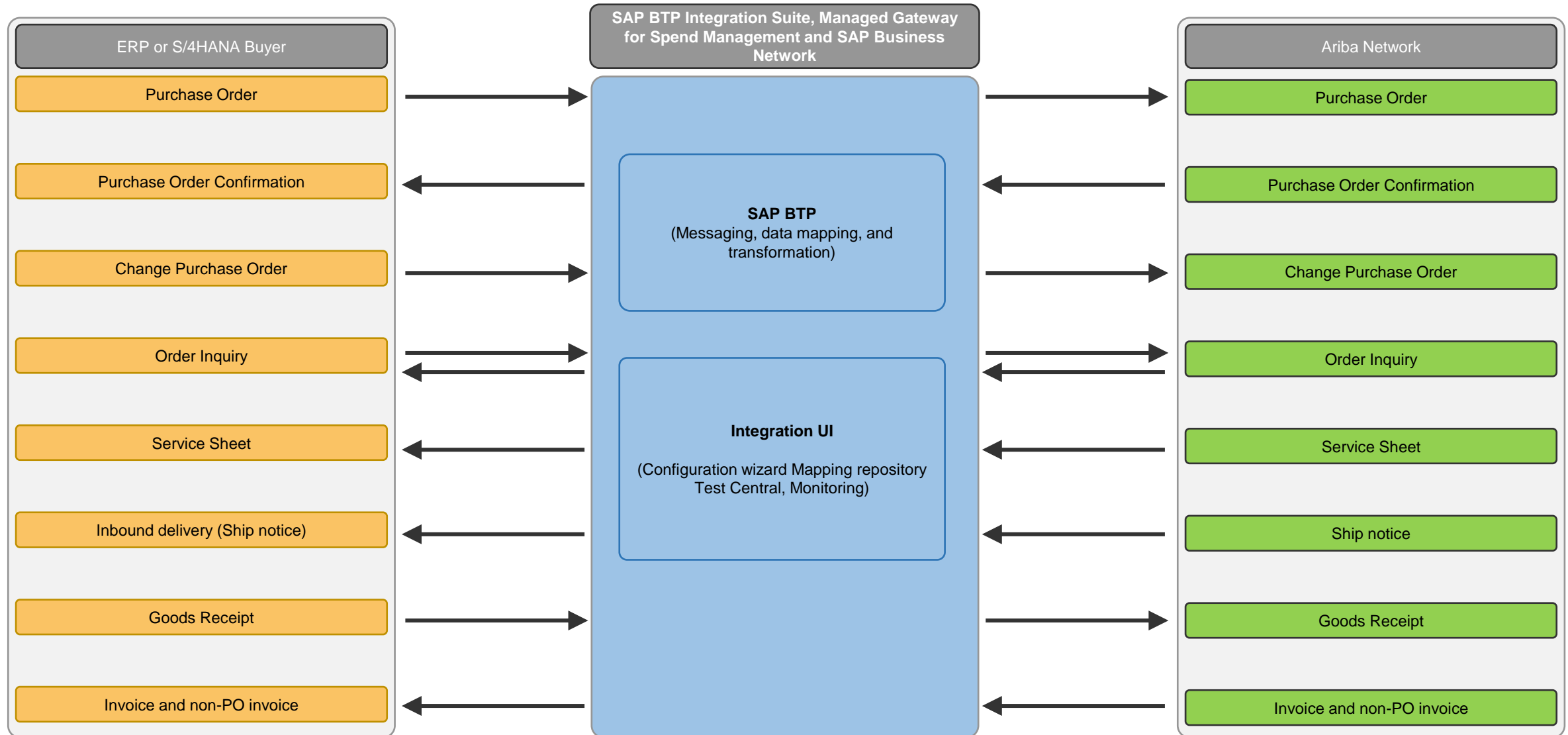
= Integration Suite – **Basic** Edition



= Integration Suite – Managed Gateway for Spend Mgmt and SAP Business Network\*

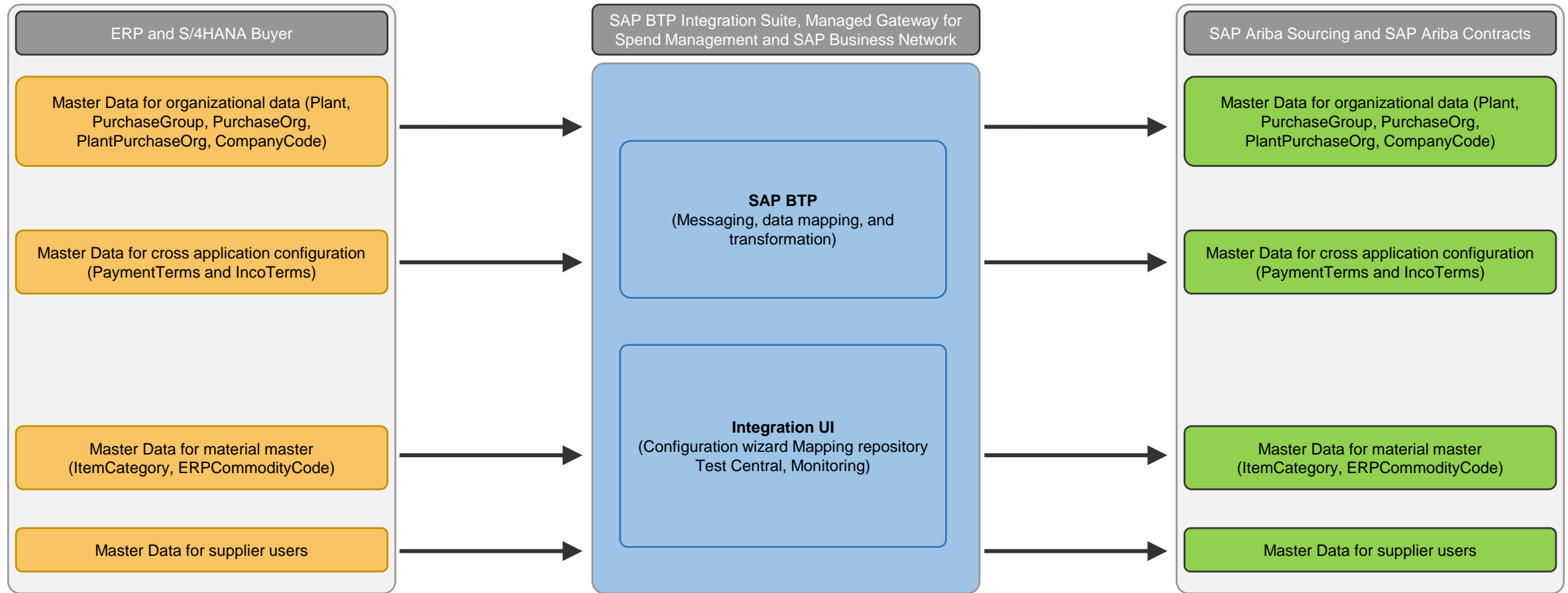
\*formerly known as **Ariba Cloud Integration Gateway (CIG)**

# SAP Ariba Commerce Automation - Ariba Network

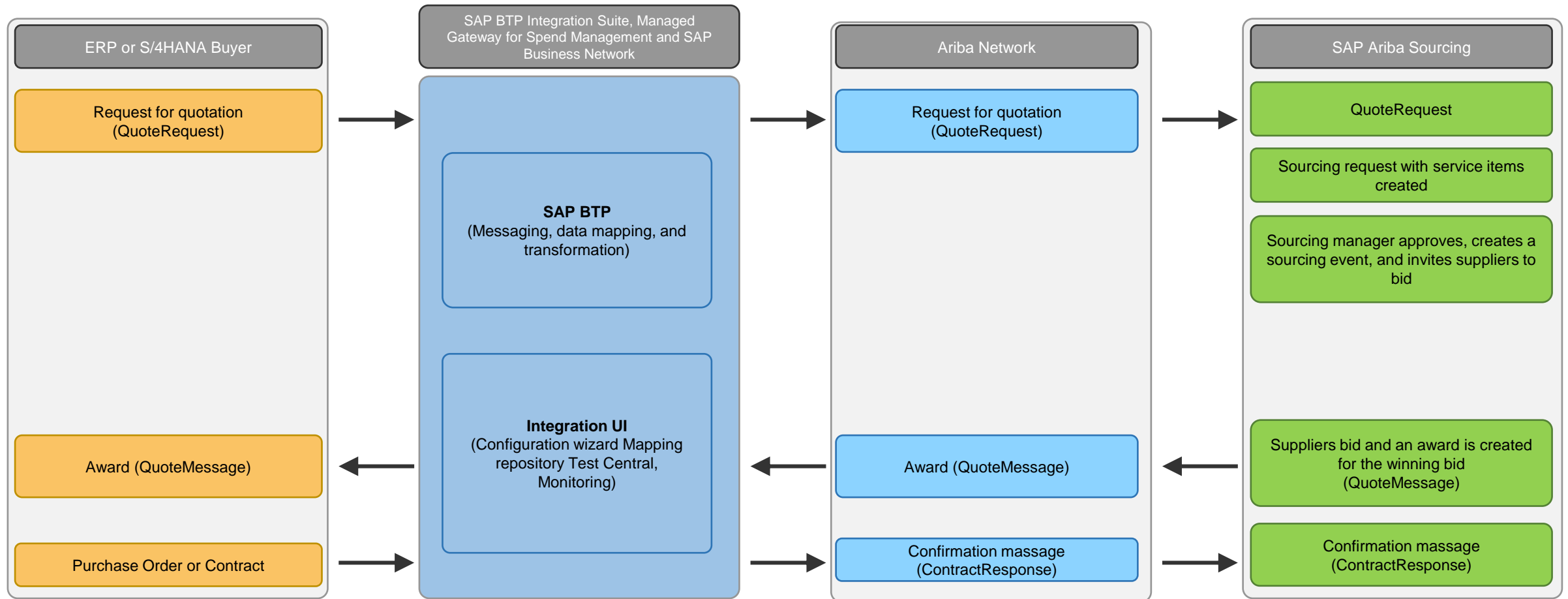




# SAP Ariba Sourcing and SAP Ariba Contracts master data



# SAP Ariba Sourcing - Request for quotation



# Crave Integration Packages on SAP Business Accelerator Hub



SAP

Business Accelerator Hub

Explore

Resources

Discover Integrations

Partner with Us

🗨️

📁

🔖

📄

Login

🔍 \*

✕

🔍 Hide Filters

All

APIs

Integrations

CDS Views

Event Objects

Business Processes

Filters

Apply

Find

🔍

> General (1)

Products: Crave Infotech ✕

Clear All

Showing 1-12 of 17 results

< Previous

Page 1 of 2

Next >

Integration Package

V 1.0.0

🕒 06/09/2023

OpenAI ChatGPT Integration with SAP S/4HANA and Microsoft

Integration Package

V 1.0.0

🕒 05/09/2023

SAP Incident Management System Integration with Microsoft Office Notifications

Integration Package

V 1.0.0

🕒 05/09/2023

SAP Cloud ALM Integration with ChatGPT and Microsoft Office

FEEDBACK

Chat (Beta)



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