



Replatforming - Integration strategy for the transition to cloud and hybrid landscapes

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PUBLIC

Agenda

Integration strategy for customers for cloud transition and hybrid integration landscapes

- Introduction to SAP Integration Strategy
- High Level Introduction to SAP Integration Suite

Replatforming Assessment to SAP Integration Suite

- SAP Premium Engagement service to assess the potential move from SAP PI/PO to SAP Integration Suite
- Service approach and deliverables

Questions and Answers

Introduction to SAP Integration Strategy



**Customer landscapes are more
heterogenous than ever.**

Intelligent Enterprises are Integrated Enterprises

- Integration in the cloud is a key pillar of SAP's Strategy
- A strategic corporate priority for SAP Executive leadership



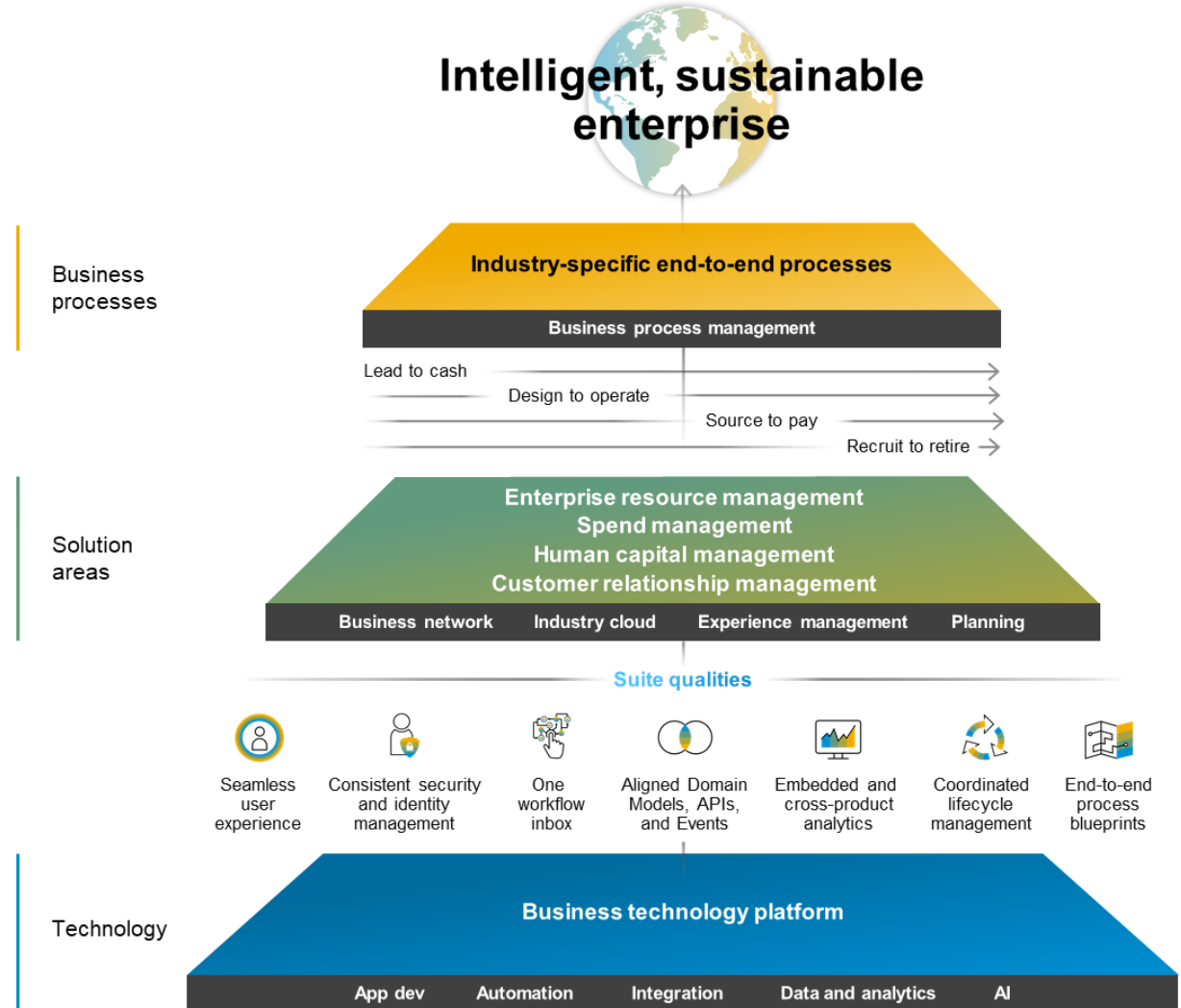
Christian Klein
CEO, SAP



Jürgen Müller
CTO & Member of the Executive Board Technology & Innovation



Thomas Saueressig
Member of the Executive Board
SAP Product Engineering



Integration has become the key enabler for intelligent enterprises

Accelerate business outcomes with simplified integration

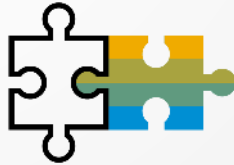


Holistic
integration

Versatile, multi-cloud platform

Support all types of integration use cases required in cloud and hybrid landscapes

Open
integration



Integrate anything, anywhere

~3.500 APIs and 230+ connectivity options for third-party solutions and custom extensions by SAP and partners



Out-of-the-box
integration

Accelerated time to value

Mission critical business processes with pre-defined 2.500+ integrations for cloud and on premise

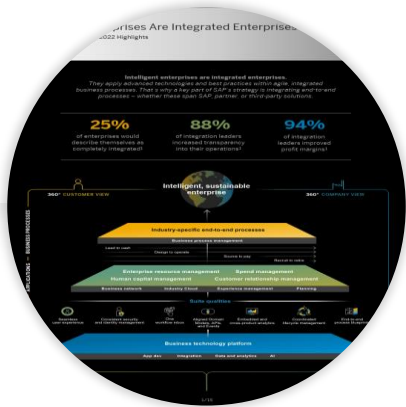
AI-Driven



AI-assisted to speed integration

Accelerate the speed of intelligent integrations to attain desired business outcomes

Reference material to aid customer's **integration journey with SAP**



Whitepaper

Intelligent enterprises are integrated enterprises.

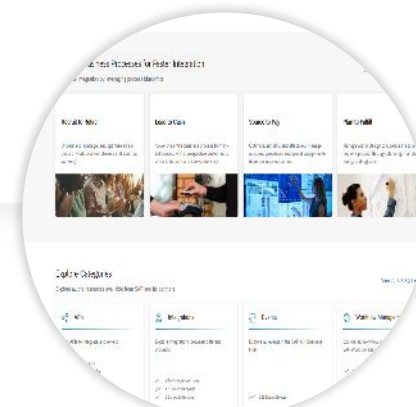
[Explore now >](#)



CIO Guide

SAP's hybrid integration platform for the Intelligent Enterprise.

[Read now >](#)



SAP Business

Accelerator Hub

provides a single access point to packaged integrations, APIs, events, and more.

[Explore now >](#)



SAP Community

connects thousands of users to share ideas, learn, and innovate.

[Visit the Community >](#)

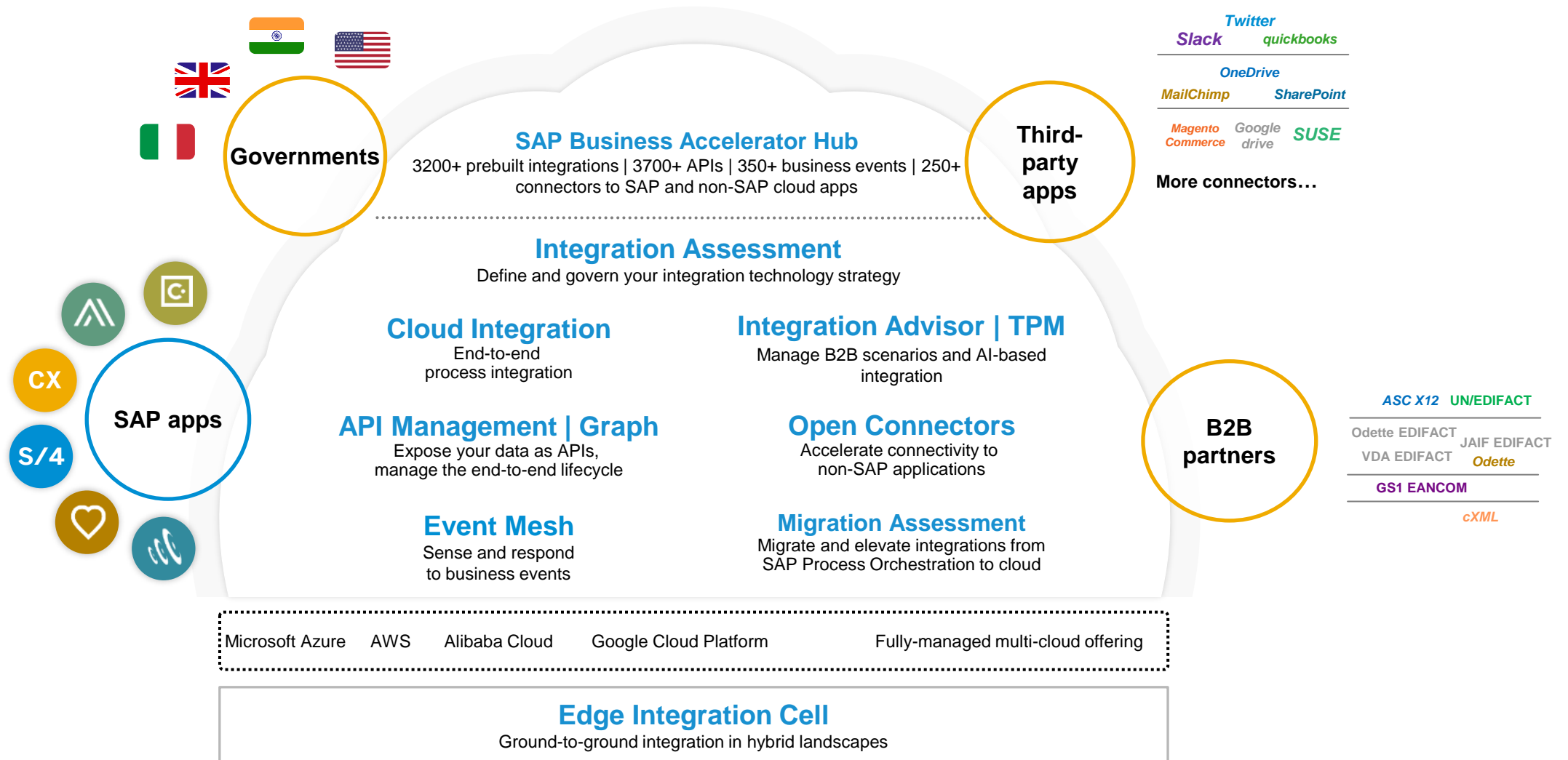
[Blog](#) | [Documentation](#) | [Try it out with free BTP Trial](#) | [“Get started” mission at SAP Discovery Center](#)

Introduction to SAP Integration Suite



SAP Integration Suite

SAP's hybrid integration platform for the Intelligent Enterprise



SAP Integration Suite helps our customers scale integration

SAP Integration Suite

@ LARGE SCALE

650,000+

Integrations deployed

24,000+

Instances provisioned

200,000+

Systems and applications
connected thru SAP Integration
Suite

3,400+

Pre-built integrations to
accelerate integrations
(incl. 300+ by partners & community)

3,800+

Ready to use APIs in SAP
Business Hub

Top 10 reasons to choose SAP's Integration Suite as your comprehensive enterprise-wide integration platform

- 1 Versatile and enterprise-grade integration platform** covering all integration styles and patterns: A2A/B2B/B2G, APIs, events, digital integration hub, digital ecosystems
- 2 Proven prebuilt integrations**, APIs, events, domain models to jump-start your integration projects
- 3 Rich set of connectivity options** and standard adapters for A2A and B2B/B2G integration, 250+ **connectors** for SAP and non-SAP integrations
- 4 Vendor-managed multi-cloud service in major hyperscalers** as well as customer-managed service providing flexibility to run integrations across multiple environments including private landscapes
- 5 Simplify the process of business partners collaboration** with the **power of artificial intelligence**
- 6 Benefit from SAP's continued innovation and long-term commitment** to simplify and accelerate enterprise integration
- 7 Strong focus on enterprise-grade security** such as data isolation, multitenancy, content encryption and signing, single sign-on, and secure on-premise connectivity
- 8 Share and learn from a community and partner ecosystem**
- 9 Create simple connected digital experiences** for your consumers, partners, and employees with full lifecycle management of your APIs
- 10 SAP Integration Solution Advisory Methodology** with strong customer focus to make our customers run better

Choose a leading integration platform as a service (iPaaS)

SAP recognized as a Leader in the 2023 Gartner® Magic Quadrant™ for the third time in a row.

SAP was positioned highest overall in Completeness of Vision among all 16 vendors evaluated.

This graphic was published by Gartner, Inc. as part of a larger research document and should be evaluated in the context of the entire document. The Gartner document is available upon request from [SAP here](#).

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Magic Quadrant for Integration Platform as a Service, Worldwide



Comprehensive set of connectivity options

SAP Integration Suite

250+ connectors to accelerate integration development

Open spec connector

- HTTP, HTTPS (incl. REST), SOAP
- FTP(S), SFTP
- Mail (SMTP, IMAP, POP3)
- OData V2 & V4
- IDoc, RFC, XI
- AMQP, JMS**, AS2**, AS4**
- Kafka
- JDBC, LDAP

Connectors to SAP & third-party apps

- SuccessFactors, Ariba
- AWS (S3, SQS, SNS, SWF)
- Microsoft Dynamics, Microsoft Storage***
- Salesforce
- Workday**, ServiceNow**
- Dropbox***, Slack***, Splunk***, Microsoft Azure Storage***, Microsoft SharePoint ***, RabbitMQ***, MDI***
- Twitter, Facebook
- SugarCRM
- Elster*
- ...

Open connectors to third-party apps

- Cloud storage
- Collaboration
- CRM
- ECommerce
- ERP
- eSignature
- HCM
- Field services
- Finance
- Help desk
- Messaging
- Payments
- Social
- ...

Adapters built by partners

Example list

- iShare
- Kafka
- MQTT
- Office 365
- SharePoint



List of connectors by partners in [SAP Business Accelerator Hub](#) -> partner content

Adapter development kit

- [Framework](#) to create new adapters
- [Certification](#) available

Standard Adapters



PUBLIC

Full list of connectors by SAP in [SAP product documentation](#)



Full list of open connectors in [SAP product documentation](#)

* for German fiscal management

** with Integration Suite, standard and premium editions / SAP Cloud Integration, enterprise edition / CPEA

*** with Integration Suite, standard and premium editions

SAP Integration Suite – Top recent innovations

1

Edge Integration Cell as next-generation hybrid integration runtime

- On-premise runtime version as optional extension to SAP Integration Suite to run classic process orchestrations
- Design, configuration, and monitoring in the cloud; execute integration flows on-premise in Edge Integration Cell

2

Elevation from SAP Process Orchestration to SAP Integration Suite

- Ease the elevation through assessment, migration, and regression test tooling
- Assessment, migration, and regression test tooling
- Supports SAP Process Orchestration versions 7.5, 7.4, 7.31

3

Event-driven and API-based integration

- Graph as part of API Management to expose business data in a single, unified API
- SAP Integration Suite, advanced event mesh as platform of choice for enterprise-grade EDA
- Direct consumption of SAP S/4HANA events in SAP Integration Suite, advanced event mesh

4

Cloud based B2B integration

- Additional type system such as GS1 XML
- B2B monitoring, e.g. to monitor B2B transactions at runtime in corporation with trading partner agreement data

5

Shaping integration technology strategy

- New guiding content for SAP Customer Experience
- Expose standard APIs for a broad set of entities

6

Additional integration content and adapters

- New user experience for SAP Business Accelerator Hub including community content and subscription to API packages
- Additional non-SAP connectivity options: MS 365 SharePoint , MS Azure Storage, RabbitMQ, Slack, Splunk adapters

7

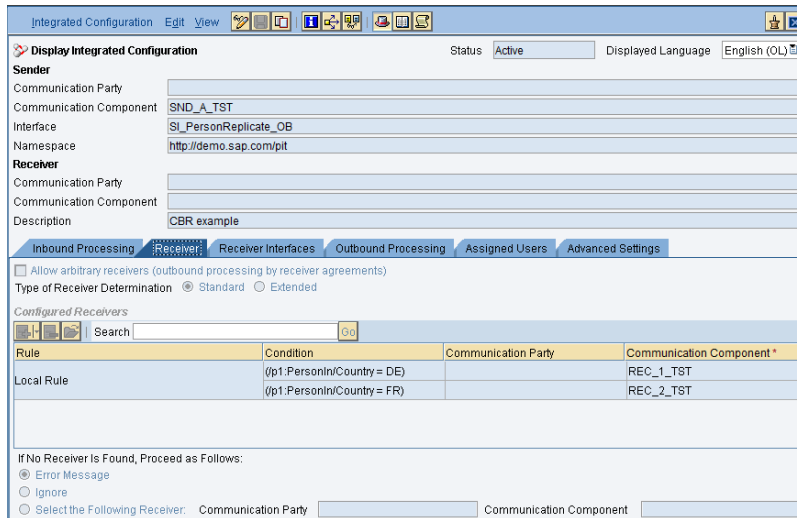
Inspection of resource usage

- New section *Inspect* to control the utilization of resources (database storage and connections) and to troubleshoot resource-related issues by identifying integration flows as top consumers

Smoothly migration to the cloud from SAP Process Orchestration

Interface migration strategy

SAP Process Orchestration



The screenshot shows the 'Integrated Configuration' window for a process. It includes fields for Sender (Communication Party, Component, Interface, Namespace) and Receiver (Communication Party, Component, Description). Below these are tabs for Inbound Processing, Receiver, Receiver Interfaces, Outbound Processing, Assigned Users, and Advanced Settings. The 'Receiver' tab is active, showing a table of configured receivers with columns for Rule, Condition, Communication Party, and Communication Component. A table with 4 columns (Rule, Condition, Communication Party, Communication Component) is visible. The table contains two rows: 'Local Rule' with conditions '(p1:PersonIn/Country = DE)' and '(p1:PersonIn/Country = FR)', and communication components 'REC_1_TST' and 'REC_2_TST'. Below the table, there are options for 'If No Receiver Is Found, Proceed as Follows:' with radio buttons for 'Error Message', 'Ignore', and 'Select the Following Receiver:'. The 'Error Message' option is selected.

Rule	Condition	Communication Party	Communication Component *
Local Rule	(p1:PersonIn/Country = DE)		REC_1_TST
	(p1:PersonIn/Country = FR)		REC_2_TST

Integrated configuration

On premise

SAP offerings

Guides and best practices

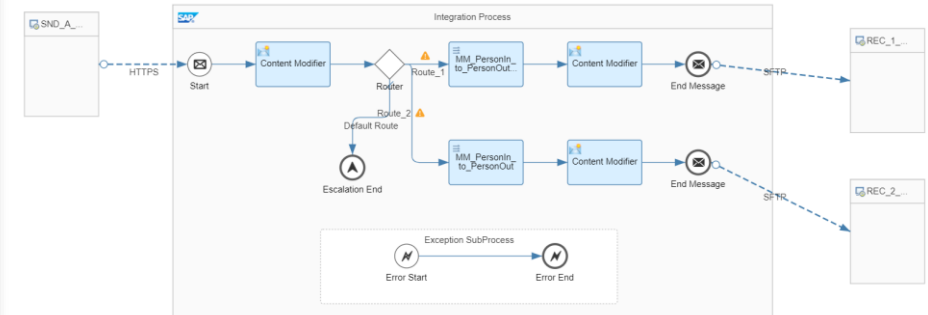
Automatic assessment

Semiautomatic migration

Edge Integration Cell

Regression test tool from partner

SAP Integration Suite



Integration flow

Cloud

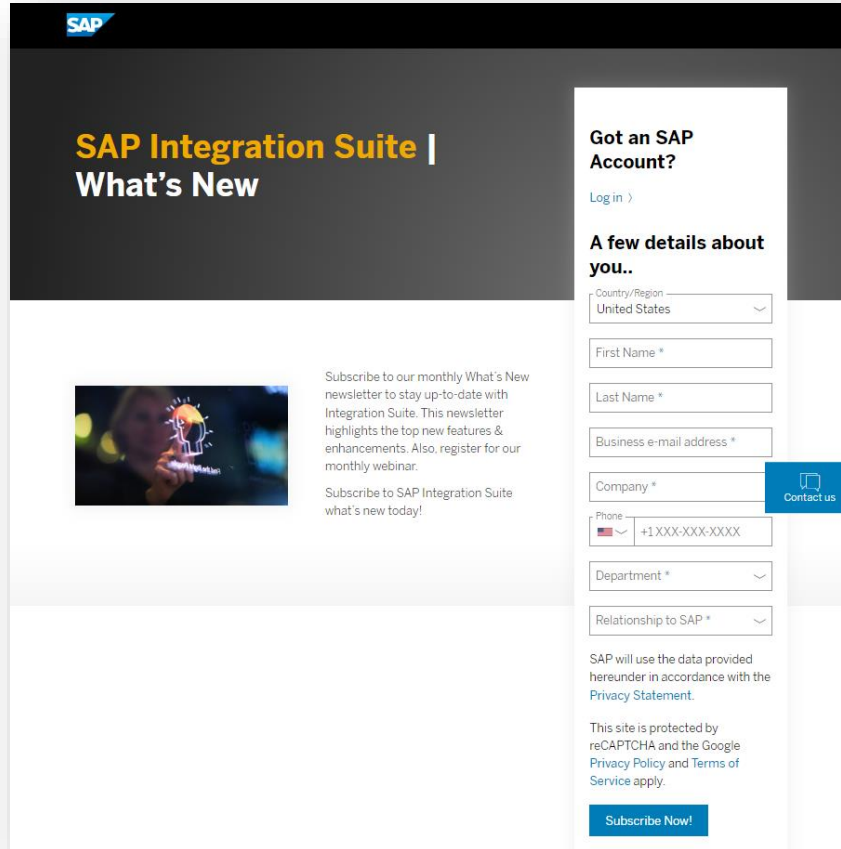


[Migration guide for SAP Process Orchestration](#) | [Design guidelines and patterns](#) | [Edge Integration Cell](#) | [Partner solutions](#) from Figaf and INT4 offering regression test tools | Services: [SAP migration factory](#) for assessment and planning & [SAP Services and Support](#): for assessment and planning, infrastructure setup, and implementation

SAP Integration Suite - **monthly update**

Newsletter

- Every **last day of a month**
- Links to blogs, upcoming events, important news, updates, recordings
- [Subscribe](#)



The screenshot shows a web form for subscribing to the SAP Integration Suite newsletter. The header features the SAP logo and the text 'SAP Integration Suite | What's New'. The form is divided into two main sections. The left section contains a small image of a person holding a glowing sphere and text explaining the newsletter's content and a 'Subscribe to SAP Integration Suite what's new today!' button. The right section is titled 'Got an SAP Account?' and includes a 'Log in >' link. Below this, it asks for 'A few details about you..' and provides input fields for Country/Region (set to United States), First Name, Last Name, Business e-mail address, Company, Phone (with a dropdown for country code and a field for the number), Department, and Relationship to SAP. A 'Contact us' button is next to the Company field. At the bottom, there is a 'Subscribe Now!' button and a disclaimer about data usage and privacy policy.

Webcast

- Every **last Tuesday**
- **Product updates**
- Alternatingly:
 - **#IntegrationBlackBelt:** Interact with Integration Black Belts
 - **#AskAnythingIntegration:** panel of experts answering any questions you have on integration. Send us your questions upfront



[Send us your questions upfront](#)



Replatforming Assessment to SAP Integration Suite



Background and Motivation

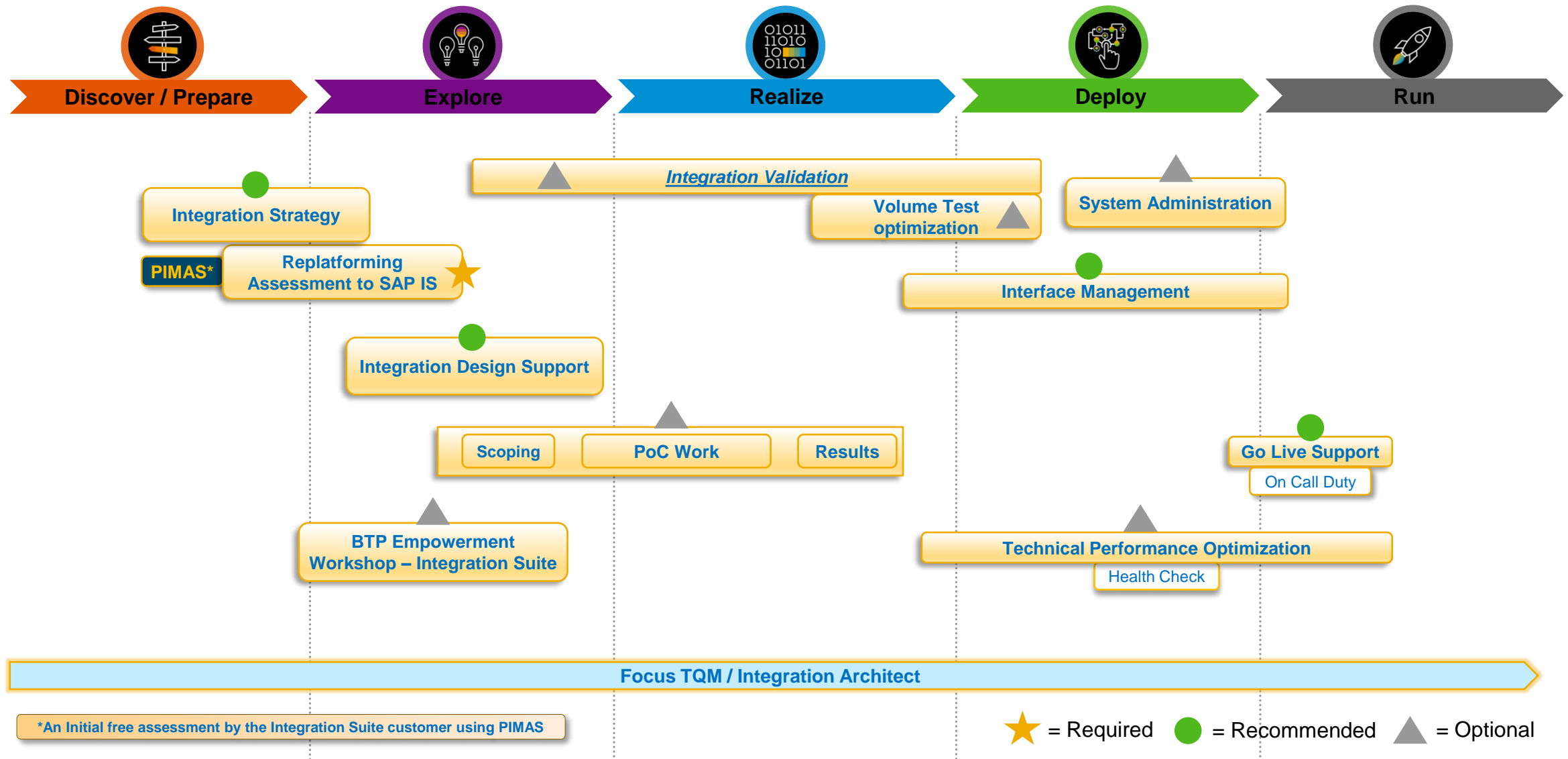
Replatforming Assessment to SAP Integration Suite

SAP Premium Engagement customers running SAP PI/PO are reaching out to us seeking guidance in planning the future roadmap of PI/PO due to the following reasons:

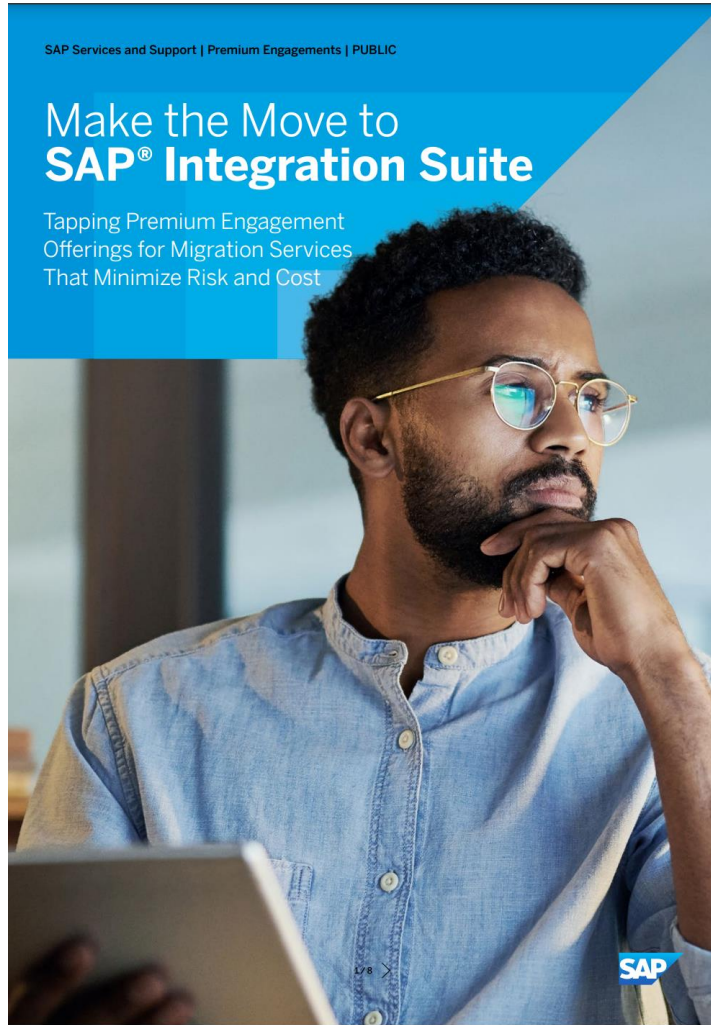
- SAP PI/PO is part of the SAP NetWeaver stack and the current NetWeaver 7.5 Java stack will **run out of standard support after December 31st, 2027**. Extended support is offered till end of 2030.
- As part of the **future-proofing integration strategy**, SAP clearly positioned SAP BTP Integration Suite as the successor for SAP PI/PO: [Process Integration \(PI\) Way Forward and Recommended Actions](#).
- Due to the availability of the **migration tool** for SAP PO to SAP Integration suite, and the **Edge Integration Cell** (based on SAP Integration suite & container based deployment for On-Prem to On-Premise integrations) feasibility of migration increases.

SAP Premium Engagement customers request help with the design of their future landscapes, empowerment on new integration technology, and support during the re-platforming project phases including PoC's and Integration re-design support.

Migration to SAP Integration Suite – Premium Engagement Service Portfolio



Make the Move to **SAP Integration Suite** – Public White Paper



Please see the following public [document](#) for more information on how Premium Engagement can support with making the move to the SAP Integration Suite.

Service Component: Replatforming Assessment to SAP Integration Suite

The workshop is intended for the customers who consider or plan on doing migration to SAP Integration Suite from their traditional on-premise SAP Process Orchestration (PO) / Process Integration (PI) environment. This service provides a detailed technical evaluation & assessment of interface configurations in existing SAP PO/PI, Migration approach, Adoptions needed & reusability of existing objects in SAP Integration Suite from SAP PO/PI.

Business needs

- SAP has positioned SAP Integration Suite as strategic Integration platform and as a successor of SAP Process Orchestration (PO) / Process Integration (PI). This provides an opportunity for customers to future proof their Integration requirements on the cloud but simultaneously presents a challenge of migration planning from their existing SAP PO/PI to the cloud-native SAP Integration Suite.
- Technical analysis of all the PI/PO interface objects is challenging and there are various aspects of migration planning such as Phase wise migration, reusability and adoptions during migration needs to be well thought of.

Delivery approach and scope

- SAP team will start with a preparation by reviewing the existing interface landscape on SAP PI/PO.
- Discuss the technical analysis of customer's existing interface setup on SAP PO / PI, challenges in migration, Architectural discussion, migration approach, adoptions & reusability of PO / PI objects in SAP Integration Suite.
- SAP team will present the SAP Road Map on SAP Integration Suite.
- Workshop materials & report will be shared along with comprehensive Information repository of Integration Objects in customer PO / PI system including summary of ICoS which customers can review & navigate to details of the objects linked to each ICo such as ESR objects, Mappings, Communication Channels, Adapter Modules etc. for a ready reference guide during migration.

Value and benefits

- In-Depth technical analysis of existing Integration landscape & Tailor Made Migration Planning Discussion.
- Validate integration concerns, feasibility and pain points for the future integration environment/solutions.
- Decision factors for planning and execution of the migration to SAP Integration Suite.

Related Services

- Planning the Digital Transformation – Integration Strategy
- Integration Design workshop
- Empowerment service for BTP – Integration Suite

Replatforming Assessment Workshop Overview – Sample Agenda

Time	Day 1 (onsite) 7 th of November	Day 2 (onsite) 8 th of November	Day 3 (onsite) 9 th of November
Morning (09:00 – 12:00)	<ul style="list-style-type: none"> • Kick-Off Meeting • Solution Landscape Overview and Project Objectives • SAP Integration Suite Overview 	<ul style="list-style-type: none"> • SAP PO/PI and CI Feature Comparison • Cloud Integration Asynchronous patterns 	<ul style="list-style-type: none"> • Discussion of Migration Methodology • SAP Integration Suite Landscape – To-Be
Afternoon (13:00 – End of Day)	<ul style="list-style-type: none"> • SAP Cloud Integration Architectural Discussion 	<ul style="list-style-type: none"> • SAP PO Interface landscape analysis & SAP Integration Suite Migration 	<ul style="list-style-type: none"> • Additional Topics • Final Wrap Up and closing session

Day 1

Time	Topic	Content	Customer Attendees
9:15 AM -9:30 AM	Kick-off Meeting	<ul style="list-style-type: none"> • Introduction & Motivation for the workshop • Review of workshop scope, and agree on expectations, schedule & objectives 	Project Manager Integration /Solution Architect Integration/Business Experts Basis / System Admin
9:30 AM – 10:30 AM	Solution Landscape Overview and Project objectives	<ul style="list-style-type: none"> • Overview of current Solution Landscape: <ul style="list-style-type: none"> ➢ Current integration strategy and middleware solution in-place. ➢ PI/PO system landscape. ➢ Connected SAP and non-SAP systems (IT landscape). • Current status of the migration project. 	Project Manager Integration / Solution Architect Integration Experts Basis / System Admin
10:30 AM – 12:00 PM	SAP Integration Suite Overview	<ul style="list-style-type: none"> • Capabilities of SAP Integration Suite: <ul style="list-style-type: none"> ➢ Business Accelerator Hub ➢ Cloud Integration ➢ API Management ➢ Event Mesh 	Integration/Solution Architect Integration Expert Integration Security Expert Basis / System Admin
		Lunch break	
1:00 PM – 1:30 PM	SAP Integration Suite Overview (continue)	<ul style="list-style-type: none"> • SAP Integration Suite Recent Innovations & Roadmap 	
1:30 PM – 4:00 PM	SAP Cloud Integration Architectural discussion	<ul style="list-style-type: none"> • Architectural discussion: <ul style="list-style-type: none"> ➢ Neo vs Cloud Foundry usage ➢ High availability & SLAs ➢ Software update & Scalability ➢ Cloud vs Hybrid Deployment Models using Edge Integration Cell 	Integration/Solution Architect Integration Expert Integration Security Expert Basis / System Admin
4:00 PM – 4:30 PM	Closing session and Q&A	<ul style="list-style-type: none"> • Summary of the day's discussion and closing session 	Project Manager Integration/Solution Architect Integration Expert Integration Security Expert
4:30 PM – 5:00 PM	Internal Discussion	<ul style="list-style-type: none"> • SAP team to consolidate information gathered. 	

Day 2

Time	Topic	Content	Customer Attendees
9:00 AM – 9:15 AM	Re-cap of Day 1 and Open Items	<ul style="list-style-type: none"> Open items validation from previous day 	Project Manager Integration/Solution Architect Integration Expert Integration Security Expert
9.15 AM – 10:30 AM	Feature Comparison	<ul style="list-style-type: none"> PO/PI vs CI High level feature comparison. <ul style="list-style-type: none"> ➤ Replacement of the file adapter with transport protocol NFS 	Integration/Solution Architect Integration Expert Integration Security Expert Basis / System Admin
10:30 AM – 12:00 PM	Asynchronous patterns	<ul style="list-style-type: none"> Migration of asynchronous patterns to Cloud Integration and possible queue reuse concept. 	Integration/Solution Architect Integration Expert
		Lunch break	
1:00 PM – 4:00 PM	SAP PO Interface landscape analysis & CI Migration	<ul style="list-style-type: none"> Overview of current interfaces based on system analysis and migration consideration(Cont..) <ul style="list-style-type: none"> ➤ ICO analysis ➤ ESR objects ➤ Value mappings ➤ Channel analysis ➤ Adapters in use ➤ Adapter modules 	Integration/Solution Architect Integration Expert
4:00 PM – 4:30 PM	Closing session and Q&A	<ul style="list-style-type: none"> Summary of the day's discussion and closing session 	Project Manager Integration/Solution Architect Integration Expert Integration Security Expert
4:30 PM – 5:00 PM	Internal Discussion	<ul style="list-style-type: none"> SAP team to consolidate information gathered. 	

Day 3

Time	Topic	Content	Customer Attendees
9:00 AM – 9:30 AM	Recap of day 2 & open Item	<ul style="list-style-type: none"> Open items validation from previous day 	Project Manager Integration/Solution Architect Integration Expert Integration Security Expert
9:30 AM – 11:00 AM	SAP PO to SAP Integration Suite Migration	<ul style="list-style-type: none"> Integration suite migration complexity indicator discussion. Interoperability discussion. Process of migrating an interface. 	Integration/Solution Architect Integration Expert Integration Security Expert Basis / System Admin
11:00 AM – 12:00 PM	SAP Integration Suite Landscape – To-Be	<ul style="list-style-type: none"> Discussion about To-Be architecture of the Integration Suite: <ul style="list-style-type: none"> ➤ Productive tenants landscape. ➤ Non-productive tenants landscape. ➤ Transition Guiding Principles. 	Integration/Solution Architect Integration Expert Integration Security Expert Basis / System Admin
		Lunch break	
1:00 PM – 3:30 PM	Additional Topics	<ul style="list-style-type: none"> <To be selected during scoping call. Below are samples> Transport management(TMS / CTS+) CI Monitoring & Alerting (local and central) Technical aspects of integration with SAP S/4HANA <ul style="list-style-type: none"> ➤ S/4HANA APIs and usage preference. ➤ Event-Driven Architecture. ➤ Application Interface Framework (optional). ➤ IDocs with bgRFC framework (optional). 	Project Manager Integration/Solution Architect Integration Expert Integration Security Expert
3:30 PM – 5:00 PM	Final Wrap Up and Open Discussion	<ul style="list-style-type: none"> Summary of the workshop and closing session Q&A 	Project Manager Integration /Solution Architect Integration/Business Experts Basis / System Admin

Replatforming Assessment Workshop Overview - Service Deliverables

Excel file containing an in-depth inventory of customer PO system including:

- All configuration details for the different objects like ICo/IFlows, channels, mappings, modules, etc.
- Correlation with usage data based on PI performance data available on the system
- Migration complexity rating with additional details about the reason for the complexity rating.
- This Excel is often used as a starting point for customers to assess their landscape further.

Detailed summary report that contains:

- Categorizes interfaces based on the used integration patterns. That will help to define interface groups for migration and POC testing.
- Describe concepts discussed during the workshop – e.g. queue/retry concept for async messages, exception handling, etc..
- Describes potential challenges during migration due to customer developments and gaps on the Cloud Integration side. For custom modules or specific mappings that cannot be directly migrated, potential options are described.
- Describes a typical migration approach and potential accelerators.
- Summarizes the architectural options most suited for customer.
- Provides additional knowledge and information that was shared during the workshop.
- Describes the next steps and joined follow-ups for example with a defined set of POCs or follow-up on roadmap items.

PI Migration Assessment vs. SAP PE Replatforming Assessment

Category	PI Migration Assessment – Self service	Replatforming to Integration Suite – MaxAttention delivery
Commercial	Self service, BTP IS license required	SAP MaxAttention delivered service, BTP IS license not a prerequisite
Commercial	Tool can be configured to provide output result with t-shirt sizing & migration effort for each scenario based on 3 classification categories	The result will include the complexity of interface migration in the range between 0-10 and a suitable recommendation on the migration aspect will be provided per interface
Infrastructure requirement	Should have cloud connector configuration and connectivity between IS and the PI/PO system	The HTTP remote connection to PI/PO should be opened by customer or customer should run the tool to provide the config extraction
Empowerment	Self phased/ self managed. Emphasize on customer consultant to master both the products. Customer team should put effort to analyse each interface migration details	SAP team provides deep dive insight & pain points and remediations for each ICO in the analysis report for migration. Few interfaces belonging to different migration complexities from customers PI/PO landscape can be discussed in length.
Empowerment	Other empowerment topics are not covered.	SAP team will discuss the BTP IS architecture, comparison of high level feature between PI/PO & IS, introduction to monitoring & transport management tools, best practices, security, process of migration.
Effort	Migration analysis can be executed anytime and multiple times, but interface developer should put effort for result oriented migration approach	SAP team will help analyze and identify low pain max gain interfaces for migration, suitable recommendations including object reusability for migration are included in the result. Customer team should be available during the workshop
Interface repository	The result will provide very high level info about the current system config, not an ideal version to use as a integration information repo	The result reveals majority of the details about the interface config along with linked objects for each ICO and the different configured parameters, Distinction between active/inactive objects is included. The
Runtime Data	Runtime data is extracted based on number of messages per ICo.	Both - runtime and design time data - of each ICO are analyzed, QoS is derived accordingly and also usage information is broken down to e.g. mapping objects.

Thank you.

Contact information:

Mike Sibler

Chief Support Architect

SAP SE

Appendix

Expert Services



SAP MaxAttention – Architecture Planning – Architecture Review

Service Component: Integration Strategy

- ▶ The Integration Strategy supports the customers who consider or plan migration or new implementation of Integration Suite. The service component supports the customer with the integration topic during the prepare and explore phase of a project. It includes reviewing the existing and planned integration landscape, SAP Integration Solution Advisory Methodology, and building overall integration strategy.

Business needs

- In an upcoming system migration or new implementation of SAP Integration Suite cloud, the current integration setup has to be transitioned to the new landscape.

Delivery approach and scope

- The workshop mainly focuses on the system/application integrations to help the customer define the overall integration strategy and roadmap during Cloud transition.
- We will start with the preparation to review the existing and planned solution landscape, current integration architecture, integration pain points and concerns, etc.
- During the workshop, the SAP Integration Solution Advisory Methodology (ISA-M) will be explained to drive integration middleware decisions and define the overall integration strategy. Then we will review key integration scenarios (Cloud, S/4HANA, etc) using ISA-M to help the customer define the integration strategy.
- In addition, different SAP integration technologies and products will be explained to help the customer better understand the capabilities and usage scenarios.

Value and benefits

- Validate integration concerns and pain points for the current environment/solutions.
- Decision factors for enterprise integration strategy and SAP Integration Solution Advisor Methodology.
- Review usage scenarios of SAP Integration products (SAP Integration Suite, PI/PO, Data Hub, Data Services, etc), and discuss SAP SaaS hybrid integration (SuccessFactors, Ariba, Concur, C/4HANA, etc.) to help define the overall integration strategy.

Related Services

- Planning the Digital Transformation – Migration Assessment to Integration suite



Service Component: Replatforming Assessment to SAP Integration Suite

- The workshop, Replatforming Assessment to SAP Integration Suite is intended for the customers who consider or plan on doing migration to SAP Integration Suite from their traditional SAP PI or PO environment. This migration assessment service provides a detailed technical evaluation & assessment of interface configurations in existing SAP PI/PO, Migration approach, Adoptions needed & reusability of existing objects from SAP PI/PO in SAP Integration Suite.

Business needs

- SAP had positioned SAP Integration Suite as strategic Integration platform and as a successor of SAP Process Integration (PI) / SAP Process Orchestration(PO). This provides an opportunity for customers to future proof their Integration requirements on cloud but simultaneously presents a challenge of migration planning from their existing SAP PI/PO to the cloud-native SAP Integration Suite.
- Technical analysis of all the PI/PO interface objects is challenging and there are various aspects of migration planning such as Phase wise migration, reusability and adoptions during migration needs to be well thought of.

Delivery approach and scope

- SAP team will start with a preparation by reviewing the existing interface landscape on SAP PI/PO.
- During the workshop, apart from solution landscape discussion, SAP team will present the SAP Road Map on SAP Integration Suite and discuss the technical analysis of customer's existing interface setup on SAP PI/PO, challenges in migration, Architectural discussion, migration approach, adoptions & reusability of PI/PO objects in SAP Integration Suite.
- Workshop materials and report will be shared along with a comprehensive Information repository of Integration Objects in the customer PI/PO system, this includes summary of ICos which customers can review and navigate to details of the objects linked to each ICo such as ESR objects, Mappings, Communication Channels, Adapter Modules etc. for a ready reference guide during migration.

Value and benefits

- In-Depth technical analysis of existing Integration landscape & Tailor Made Migration Planning Discussion.
- Validate integration concerns, feasibility and pain points for the future integration environment/solutions.
- Decision factors for planning and execution of the migration to SAP Integration Suite.

Related Services

- Planning the Digital Transformation – Integration Strategy
- Integration design workshop
- Empowerment service for BTP – Integration Suite



SAP MaxAttention – PaaS and DevOps – Core Extension Development on the Platform

Service component: Empowerment service for SAP BTP – Integration Suite

- ▶ This service component focuses on empowerment for specific areas within the SAP Business Technology Platform (SAP BTP). Customers can choose between several detailed empowerment workshops on various topics within the BTP, however, from an Integration perspective we recommend the empowerment session on Integration suite.

Business needs

- Leverage SAP BTP's capabilities to integrate and extend your business
- Discover the potential of SAP BTP technology areas and where they can bring value for your business
- Increase productivity through new use cases, business scenarios, and methodology

Delivery approach and scope

- Enablement sessions for developers and solution architects using SAP Integration Suite
- Overview of the SAP Integration suite services which includes Cloud Integration, API Management, Cloud Connector, Event Mesh, Integration Advisor, Open Connectors.

Value and benefits

- Empower developers and solution architects towards usage of SAP Cloud Integration suite based on :
 - Product architecture and key capabilities of different iPaaS services.
 - Understand how Integration suite services work together for orchestrating integration requirements.
 - Product walk through and use case demos
 - Gain first-hand experience in SAP's trial environment for iPaaS services*
- Know how to leverage the power of SAP's enterprise-grade integration platform-as-a-service (iPaaS) to simplify and accelerate enterprise integration.

Related services

- Planning the Digital Transformation – Integration strategy
- Migration assessment to Integration suite
- Integration Design workshop



SAP MaxAttention – Integration Design Support

Service Component: Integration Design Workshop

- ▶ The Service Component “Integration Design Workshop” assists the customers in creation of the technical design for integration between SAP and SAP/Non-SAP systems and services. This service will support customers with best practices and industry standards on how to design critical interfaces in an optimal manner.

Business needs

- SAP customers need support in the technical design of critical integrations between SAP and SAP/Non-SAP systems and services within Cloud Integration.
- This applies especially to customers who are looking for best practices and industry standards
- In addition, customers are seeking design support for the existing critical interfaces impacted

Delivery approach and scope

- As prerequisite, the functional design of all interfaces in scope should be in place. Additionally, an overview of the available integration components and integration architecture are defined.
- During the service delivery, SAP delivery team will introduce a framework of design best practices and SAP Integration Advisor. In addition, SAP will support the customer in creating the technical design for the interfaces in scope.
- Prototype creation for specific integration scenarios, such as SAP Integration Suite contents, can be scoped during the Integration Design Workshop.

Value and benefits

- Well-founded understanding of the methodology, best practice, and tooling to support optimal integration design.
- With the Integration Design workshop, the customer can complete the technical design and start the interface development more effectively and efficiently.
- The best practice framework can be re-used for future integration design and development.

Related services

- Migration Assessment to Integration suite
- Prototyping work
- Continuous operation health check (Technical Performance Optimization)



Service Component: Scoping Workshop for Prototyping (1/2)

- ▶ The prototyping approach enables customers to evaluate the implementation of SAP products on premise in a short period with their real business scenarios using their data, thereby enabling them to quickly validate the value addition and identify and mitigate risks. The scoping workshop for prototyping is delivered as the first step to plan the prototyping project in detail. In the workshop, the goals and uses cases are defined or validated as in scope of the project. The customer and SAP define and agree on a project plan as well as the tasks and responsibilities in the project.

Business needs

- Conduct a detailed planning for a prototyping project as the first step of project delivery.

Delivery approach and scope

- The scoping workshop is organized as an on-site workshop of 1 or 2 days duration. It brings together all key representatives of all parties involved in the planned project.
- Objectives of the workshop:
 - Understand and validate customer objectives for prototyping
 - Agree on technical and functional scope of prototyping project
 - Agree on project schedule, roles, and responsibilities in the project
- If a system upgrade/migration is in scope of the project, foundation for this scoping workshop are the results of the readiness check service component for SAP Integration Suite.
- The value and implementation strategy service component is strongly recommended as the basis for the definition of the functional prototyping scope.

Related services

- Migration Assessment to Integration suite
- Volume test optimization
- Continuous operation health check (Technical Performance Optimization)

Value and benefits

- Enables customer to evaluate the business and IT value of SAP Integration Suite before making any large IT investments and to efficiently plan the transition road map and required IT investments for SAP Integration Suite.



Service Component: Result Workshop for Prototyping(2/2)

- ▶ During the result workshop for prototyping, SAP guides the customer to leverage the learning and documentation from the prototyping service project to realize the value during project implementation for production use. SAP and the customer evaluate the results of the prototyping service project based on the measured success criteria and create a list of recommendations for an implementation project as well as a proposal for a service plan for continued SAP engagement.

Business needs

- Evaluate the results of a SAP prototyping project and draw conclusions of a subsequent transition project.

Delivery approach and scope

- The SAP technical quality manager (TQM) collects documentation, issues, and findings of all work streams of the prototyping project.
- Projects results are evaluated during an on-site workshop with the customer project lead, TQM, and key members of the SAP and customer project teams responsible for the technical and functional work streams.
- The service deliverable is a final report summarizing the findings, conclusions, and recommendations of the SAP and customer project teams.

Value and benefits

- Use results of prototyping project to create a business case, avoid issues, and minimize risks and uncertainties for an SAP solution transition project for production use.
- Obtain high-level service plan proposal for continued SAP engagement.

Related services

- Migration Assessment to Integration suite
- Interface management
- Continuous operation health check (Technical Performance Optimization)



SAP MaxAttention – Safeguarding – Safeguarding the Digital Transformation

Service Component: Technical Performance Optimization

- ▶ **Technical performance optimization can yield improvements in a customer's SAP solution by helping the customer configure the solution in an optimal way. The identification and elimination of costly performance bottlenecks optimize the response times and throughput of the SAP solution.**

Business needs

- Identify and address existing technical issues that are disturbing system operation or causing message throughput in the system that are unreasonably high

Delivery approach and scope

- Check major misconfiguration and hardware usage, bottlenecks, parameter settings, configuration of trace and logs, typical wait situations, and load profile
- Delivery approach: remote

Value and benefits

- Processing of increased business volumes with existing infrastructure and without further hardware scaling
- Increased productivity and stability
- Higher acceptance by end users
- Optimized use of infrastructure resources to make the most out of current investment
- Reduced risk of costly system downtime
- Knowledge transfer from SAP to customer's technical experts
- Early detection of critical situations and triggering of pro-active error handling and problem solving
- Avoidance of unplanned downtime

Related services

- BTP Empowerment Workshop – Integration Suite
- Interface management



Service component: Volume Test Optimization

- ▶ The volume test optimization service component helps reassure customers that the results of performance testing for implementation projects, migration projects are reliable. With reliable test results, customers can determine with confidence whether Integration Suite resource are sufficient and the system configuration is suitable for a go-live.

Business needs

- Validation of volume test plan to ensure completeness
- Monitoring and analysis by SAP of customer's volume testing
- Determination by SAP if customer's BTP integration suite resources and scenario configuration are sufficient to meet the required performance of business processes.
- Sizing of customers production BTP integration suite tenant.

Delivery approach and scope

- To make sure that volume testing delivers reliable results, volume test optimization takes place in three stages: assessment of the volume test plan, monitoring of the volume test, and reporting of test results.
- Delivery approach: remote

Value and benefits

- Run SAP solution with optimum performance, availability, and maintainability
- Prepare for a smooth go-live of the SAP solution
- Avoid unnecessary short-notice on changes to BTP integration suite tenant configuration
- Avoid cost-intensive periods of system downtime



SAP MaxAttention – Safeguarding – Safeguarding the Digital Transformation

Service component: Interface Management

- ▶ The objective of the SAP Interface Management (IFM) service is to analyze and optimize the performance and stability of critical technical interface(s) business process steps.

Business needs

- Stability and high throughput with an optimal interface configuration
- Fast interface response times for a good performance
- High quality data consistency
- Know-how in interface monitoring, error discovery and handling

Delivery approach and scope

Experienced SAP support consultants check the performance, design, configuration and operation of the interfaces. The SAP team works in close cooperation with your own specialists, and is supported by experts in the SAP back office. By working together, your interface experts are provided with the knowledge and tools they need to perform interface analysis themselves in the future. For technical optimization, the focus is to perform easy-to-implement changes first, avoiding significant changes until they are absolutely necessary. For example, if the performance of the interface needs to be improved, changes to the underlying code or changes to the database index design are favored over redesigning the interface and using a completely different methodology. The service is usually being delivered remote, exceptional wise also on-site.

Value and benefits

- Minimize potential risks during critical go-lives due to issues with critical interfaces
- Increase technical stability, performance, throughput, and maintainability of your solution
- Increase the competence of your support organization through knowledge transfer from SAP experts

Related services

- BTP Empowerment Workshop – Integration Suite
- Integration design workshop
- Continuous operation health check



SAP MaxAttention – End-to-End Hybrid Operations – System and Solution Management

Service component: System Administration

- ▶ **Mission critical operations are a challenge. While the flexibility of SAP-centric solutions increases, customers have to efficiently manage complexity, risks, and costs, as well as skills and resources. Customers have to run and incrementally improve the IT solution to ensure stable operation of the solution landscape. This includes management of availability, performance, process and data transparency, data consistency, IT process compliance, and other tasks.**

Business needs

- Implement end-to-end solution operations with minimum time and resource investment
- Deploy SAP solutions such as, SAP Process Integration offering for On-Prem or SAP Cloud Integration for Cloud and want to educate the support organization
- Provide product-specific knowledge of the root cause analysis capabilities of SAP the Integration products.
- Provide product-specific knowledge of SAP system provisioning, operations administration and lifecycle management

Delivery approach and scope

The focus of the comprehensive knowledge transfer for each SAP solution is:

- Basic architecture and data flow in the SAP solution
- Basic system administration tasks
- Root cause analysis tools and processes
- Transport and change management (CTS+)
- Monitoring and Tracing

Value and benefits

- Realize business improvements through accelerated problem resolution and efficient resource utilization for problem diagnosis and improved flexibility, transparency, and security to keep the systems consistent

Related services

- BTP Empowerment Workshop – Integration Suite
- Continuous operation health check (Technical Performance Optimization)



SAP MaxAttention – Safeguarding – Safeguarding the Digital Transformation

Service component: Going-live Support

- ▶ This component provides support during production Cutover and Hypercare to stabilize and optimize the customer's solution. It considers support for issue resolution, system monitoring, and optimization.

Business needs

- Subject matter experts supporting customer's run phase during production cutover and hypercare considering urgent-issue resolution.
- Active monitoring during critical periods of a project Go-Live or during Hypercare.

Delivery approach and scope

- Support for issue resolution for third-level incidents
- Active system monitoring during go-live and hypercare supporting optimizations
- Identify and Mitigate against issues
- Delivery approach: remote

Value and benefits

- Effective and experienced support during production Cutover and Hypercare
- Fast access to an SAP Integration consultant with expert knowledge on CI/PO.

Related services

- Continuous operation health check



SAP MaxAttention – Safeguarding – Safeguarding the Digital Transformation

Service component: On Call support

- ▶ **On-Call Duty (OCD) guarantees availability of a named (support) expert via (mobile) phone beyond regular office hours. OCD covers availability of the expert(s) and the actual work they need to perform if they are called during cut over or IT solution changes or operational changes on the critical business processes.**

Business needs

- Subject matter experts supporting changes in the IT solution, such as upgrades, go-lives, migration activities, or on onboarding additional loads
- A stand-by support from the SAP expert to resolve issues when called out.

Delivery approach and scope

- A named (support) expert from SAP will be available for addressing issues when reached out via (mobile) phone
- Support for issue resolution for third-level incidents
- Delivery approach: remote

Value and benefits

- Effective and experienced support during production Cutover, IT changes, operational changes on the critical business processes.
- Fast access to an SAP Integration consultant with expert knowledge on CI/PO.

Related services

- Continuous operation health check



SAP MaxAttention – Build Design Support

Integration fTQM / Integration Architect

► Integration Architect for Max Attention customers will provide continuous enablement during Integration Workstream lifecycle.

Objectives

- Dedicated Adviser for customer in their lifecycle of implementation, Upgrade/Migration or Regular Maintenance.
- Regular alignment for pro-active strategy with the main intention of avoiding surprises.
- Identify pro-actively needs of customer in their integration landscape and guide them on SAP Recommended approach in the entire lifecycle.

Scope

- Fully understand customer's Integration landscape and plans/visions.
- Tailor made integration strategy with close collaboration with customer.
- Lead every Max Attention engagement with customer for integration topic.
- Always stay up to date with customer plans and visions with 360° view.
- An advocate of SAP Recommended approaches throughout the lifecycle to avoid technical surprises.
- Ad-hoc issue resolution of customer and empower customer for specific focus topics.
- Monthly trend analysis of system usage, performance, throughput and pro-active maintenance strategy.

Deliverables

- One click dedicated hotline to SAP Integration expert with detailed customer insight.

