Future-proof Integration strategy with SAP Integration Suite

Move Program

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Why should it interest you?

Integration has become the key enabler for intelligent enterprises

Accelerate business outcomes with simplified integration

Challenges

- How to achieve seamless business processes inside and outside the enterprise
- How to accelerate outcomes cost-effectively?
- How to modernize and adapt to change?

Asks

- Holistic integration
- Open integration
- Out-of-the-box integration
- AI-Driven

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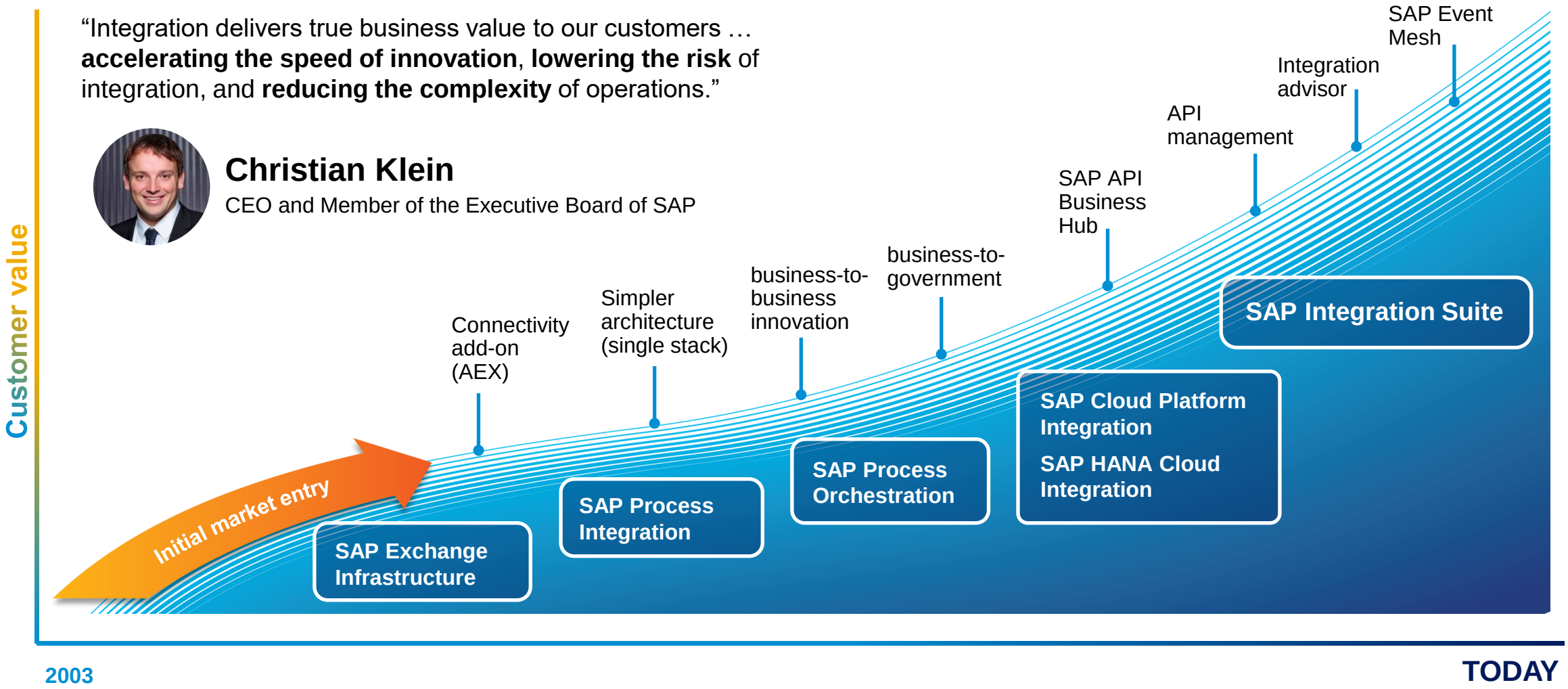
SAP’s investment in integration

A history of continuous innovation

“Integration delivers true business value to our customers … **accelerating the speed of innovation**, **lowering the risk** of integration, and **reducing the complexity** of operations.”

Christian Klein

CEO and Member of the Executive Board of SAP



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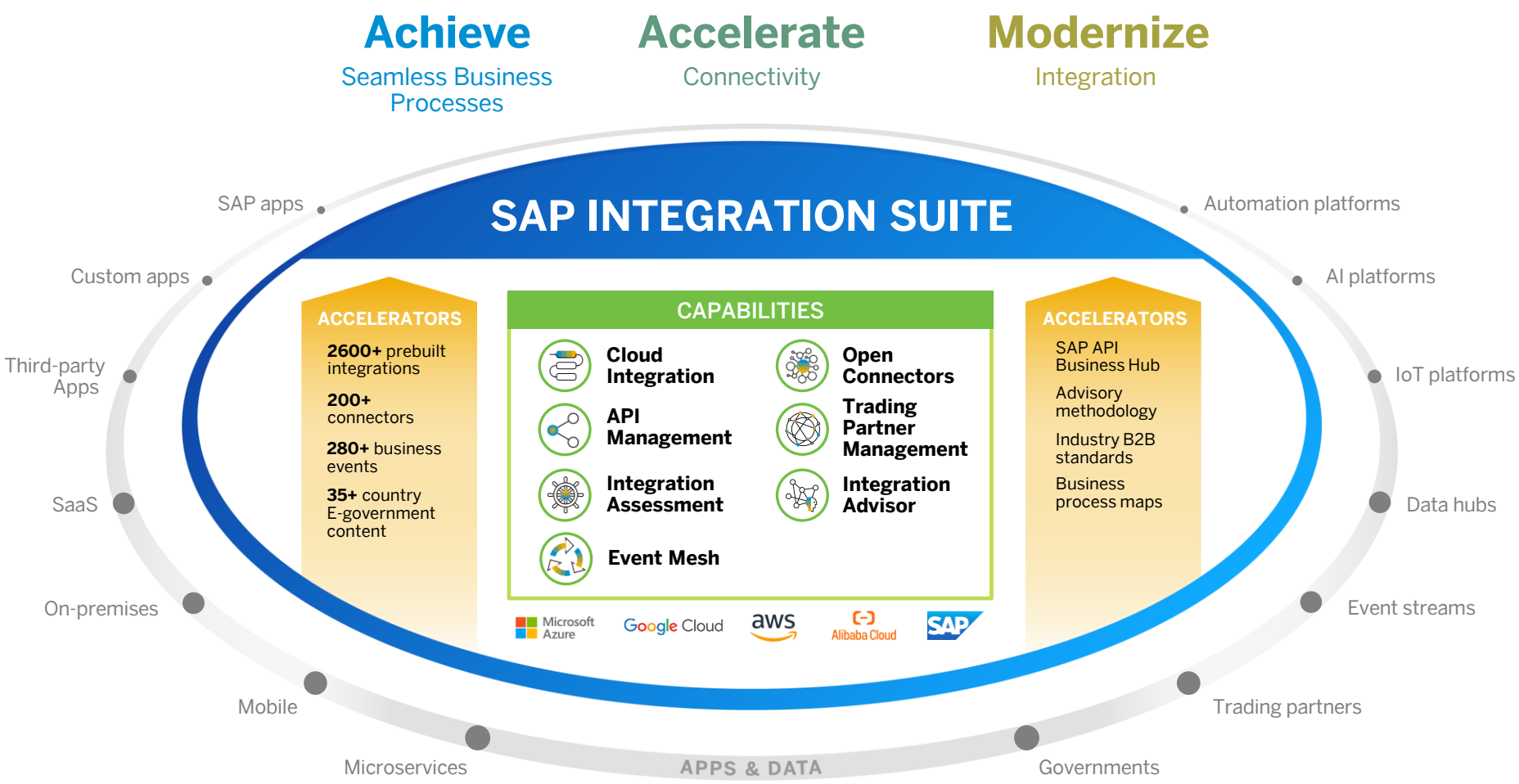
SAP Integration Suite

Seamlessly Integrate Your Business



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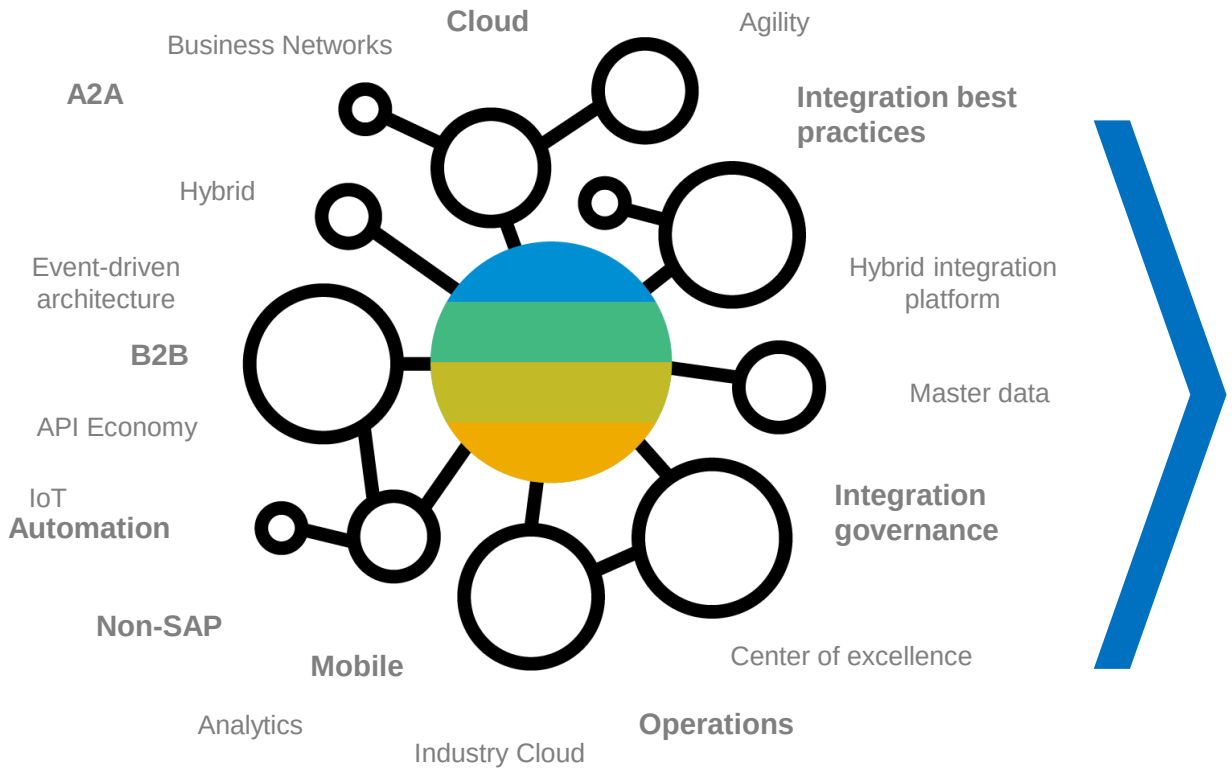
Use cases

Fast evolving hybrid landscapes



A2A integration

Chaining of business process steps between business applications by the exchange of transactional data

Master data integration

API-based exchange of master data across business applications

B2B integration

Chaining of business process steps between business partners by the exchange of transactional data leveraging standard B2B protocols

Partner

B2G integration

Transforming transactional data into predefined exchange formats and transfer it electronically to external legal or tax authority systems

Gov. Agency

API-managed integration

Provisioning of omni-channel and secure access to business applications

Event-based integration

Decoupling of applications, extensions or IoT data by messaging principles (pub/sub)

Digital integration hub

Large-scale, high-throughput APIs

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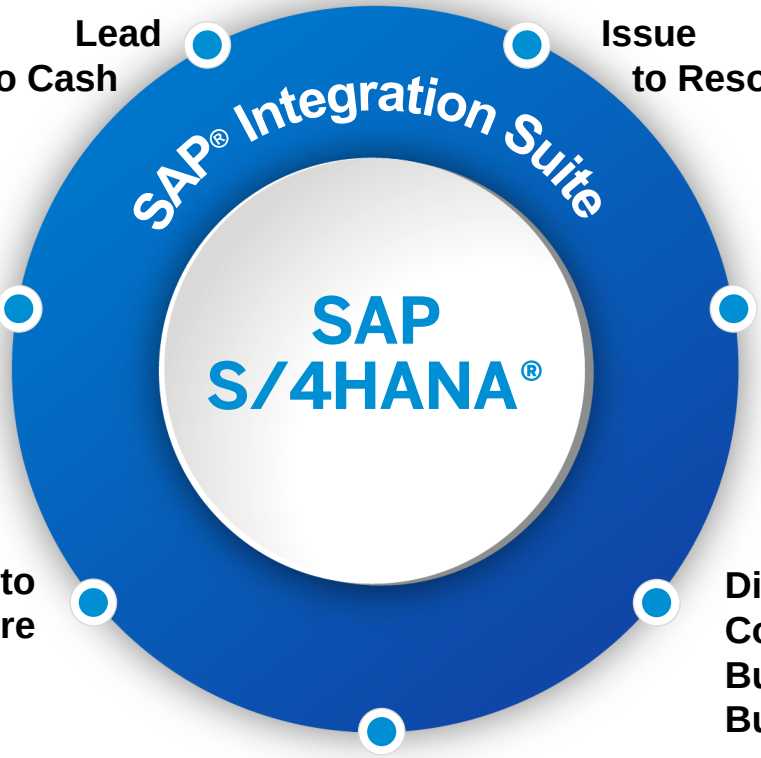
Seamlessly connect all your core business processes



Lead to Cash

- Lead management
- Segmentation and campaign management
- Omni-channel order management
- Trial to subscription

Issue to Resolution

- Issue detection to problem identification
- Develop solution to resolution
- Return to replace
- Closed loop feedback

Source to Pay

- Create or maintain suppliers
- Prepare purchase order
- Receive goods from supplier
- Enable payment

Payment Integration

- External payments system integration
- Treasury workstation payment integration

Hire to Retire

- Payroll integration
- Benefits & compensation
- Recruiting & onboarding
- Time management
- Travel to expense

Digital Compliance, Business to Business (B2B)

- eDocuments
- eVAT/Invoice
- Payroll

Plan to Production

- Third-party warehouse integration
- Manufacturing Execution System(MES) integration

Fully Maintained and Updated by SAP

3000+ Prebuilt Integrations

300+ Prebuilt Event Objects

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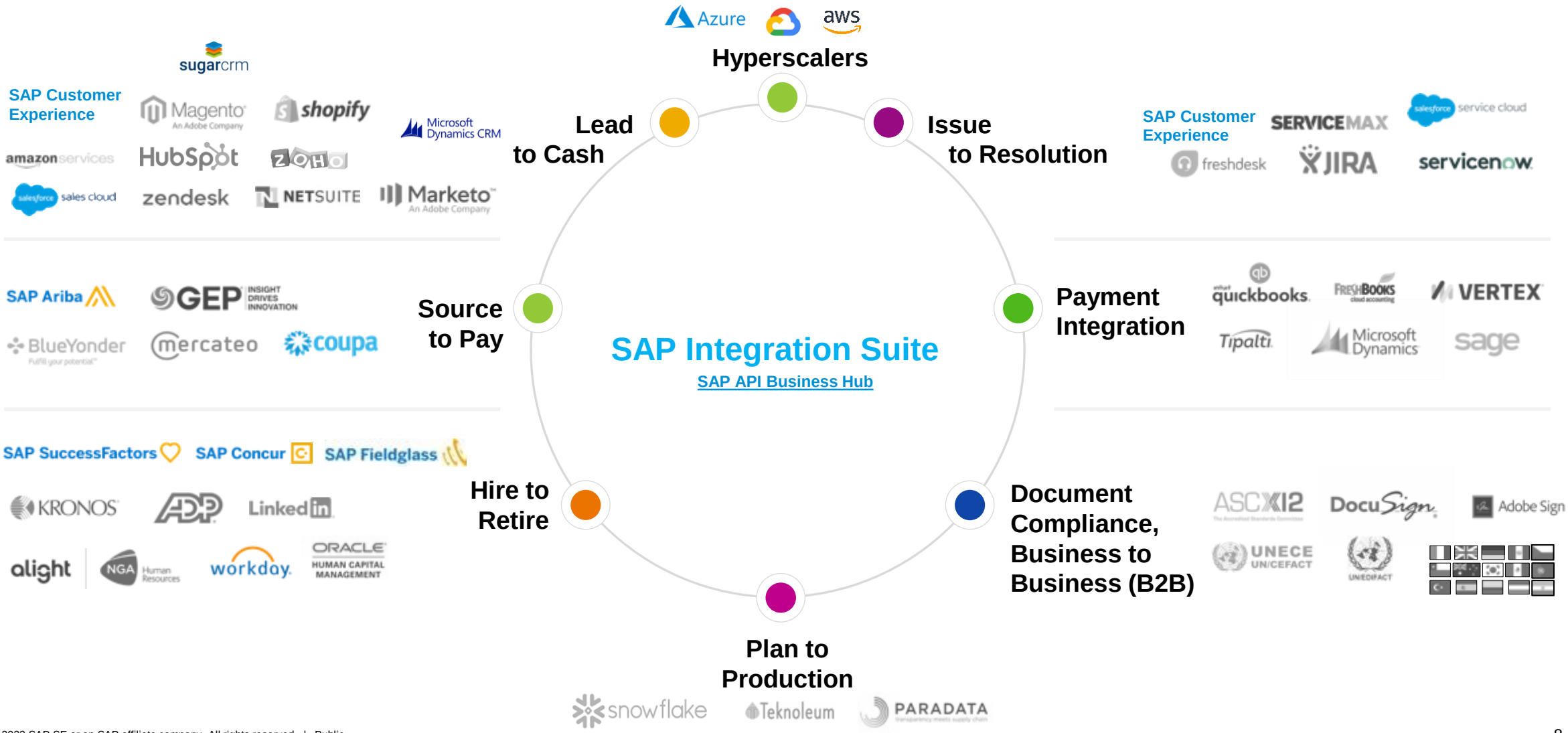
Accelerators for Integration Projects

70% of customer integrations are to third-party systems

Fully Maintained by SAP

3000+	170+	300+	10x	5x
Pre-built Integrations	Open Connectors	Prebuilt Events	Savings	Faster Execution



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SAP Integration Suite helps our customers scale integration

SAP Integration Suite

@ LARGE SCALE

1 Million +
Integrations deployed

35 Million +
Largest number of API calls processed by a single customer per day

15 Million +
Largest number of messages processed by a single customer per day

16.000+
Customers adopted the platform for their digital transformation

2.700+
Pre-built integrations to accelerate integrations

(incl. 400+ by partners)

220,000+
Learners via openSAP courses, boot camps, integration blackbelts as trusted advisors to customers, etc.

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Leader in 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.

Magic Quadrant for Integration Platform as a Service, Worldwide

Source: Gartner (January 2023)

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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Why is it interesting for our customers?

Hybrid integration strategy from SAP

SAP continues to support SAP Process Orchestration software to protect investments and support a smooth and safe transition to SAP Integration Suite.

- The mainstream maintenance of SAP Process Orchestration 7.5 has been continued until the end of 2027. Extended maintenance can be provided until the end of 2030.

Recommended actions to customers today:

- Move to SAP Process Orchestration 7.5, the long-term supported release as previous versions went out of maintenance at the end of 2020.
- Complement it with SAP Integration Suite for agile integrations and leverage the cloud integration runtime within SAP Process Orchestration.

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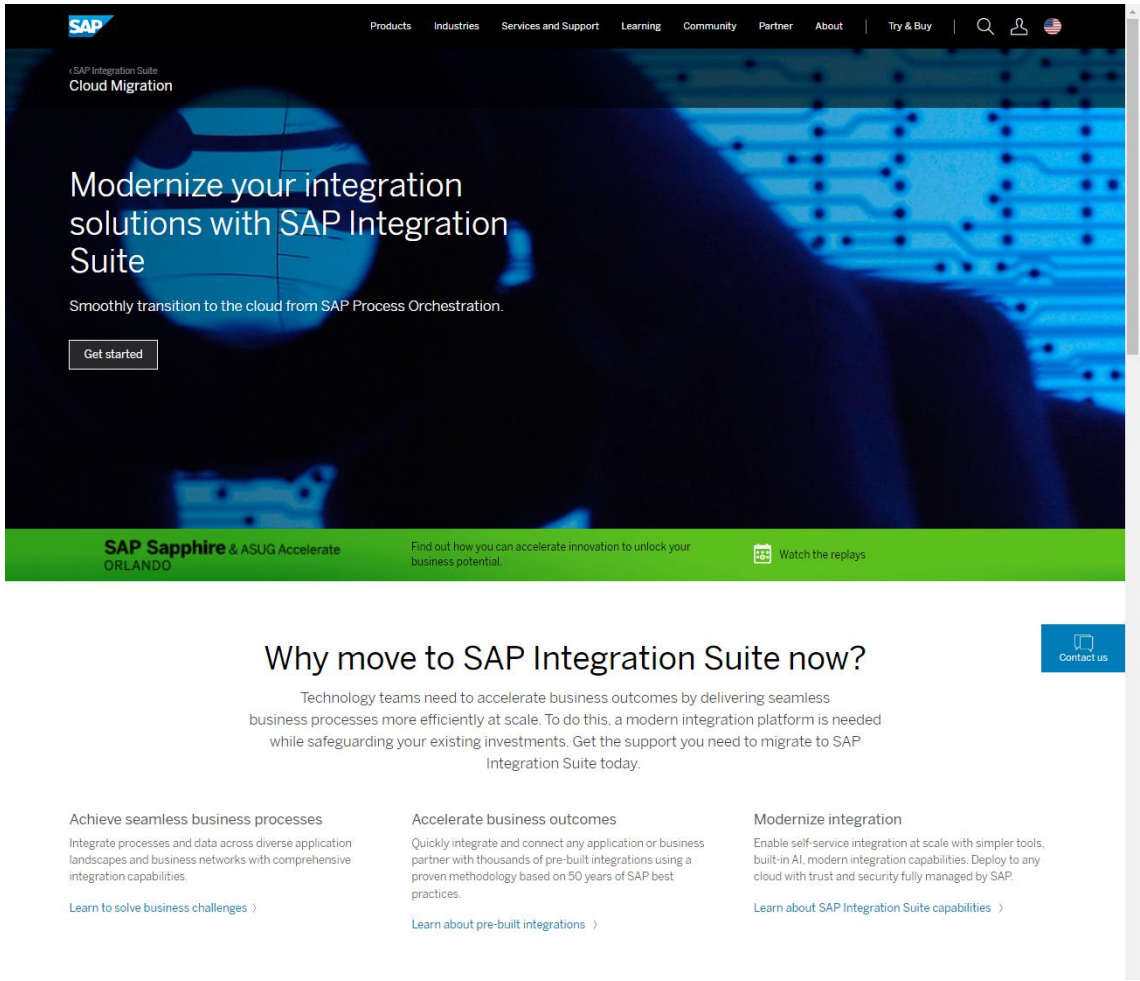
Why move to SAP Integration Suite now?

Value Proposition

- Accelerate your cloud journey
- Faster time to value
- Accelerated integration with 3000+ integration packages
- Lower cost of initial deployment and ongoing cost of running the solution
- Ability to absorb innovation delivered by SAP at a faster rate
- Lower risk of deployment and get started easily
- Future proof your investments



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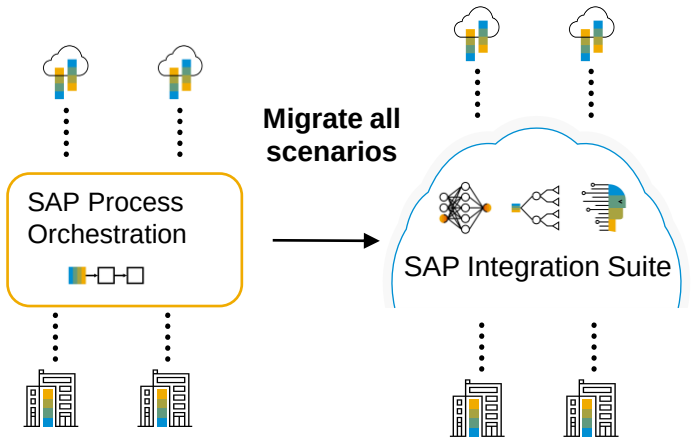
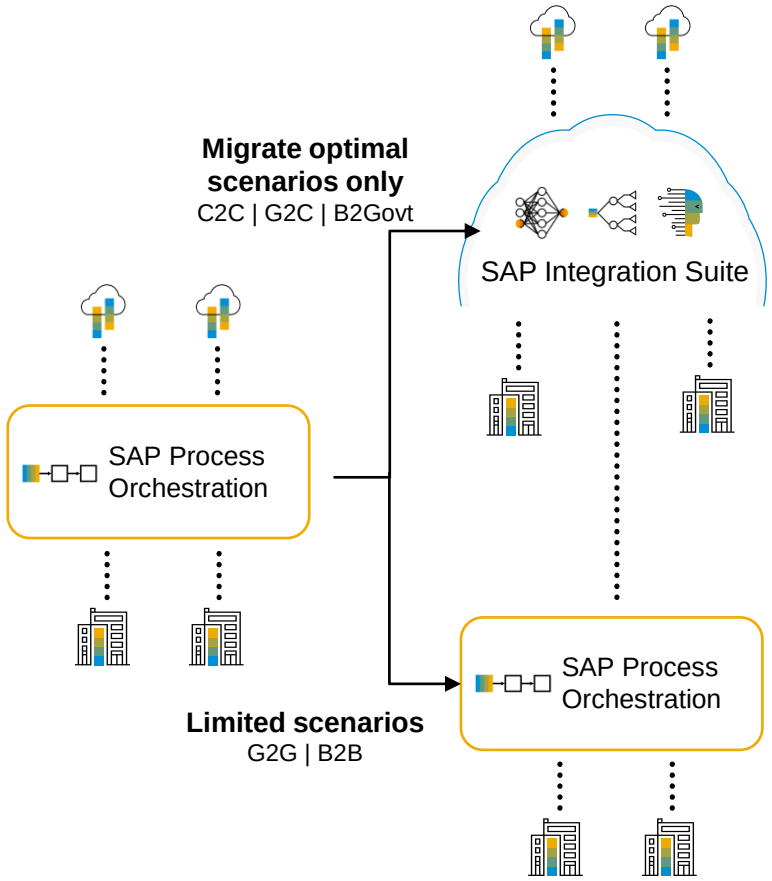
How we move?

Transition options to SAP Integration Suite

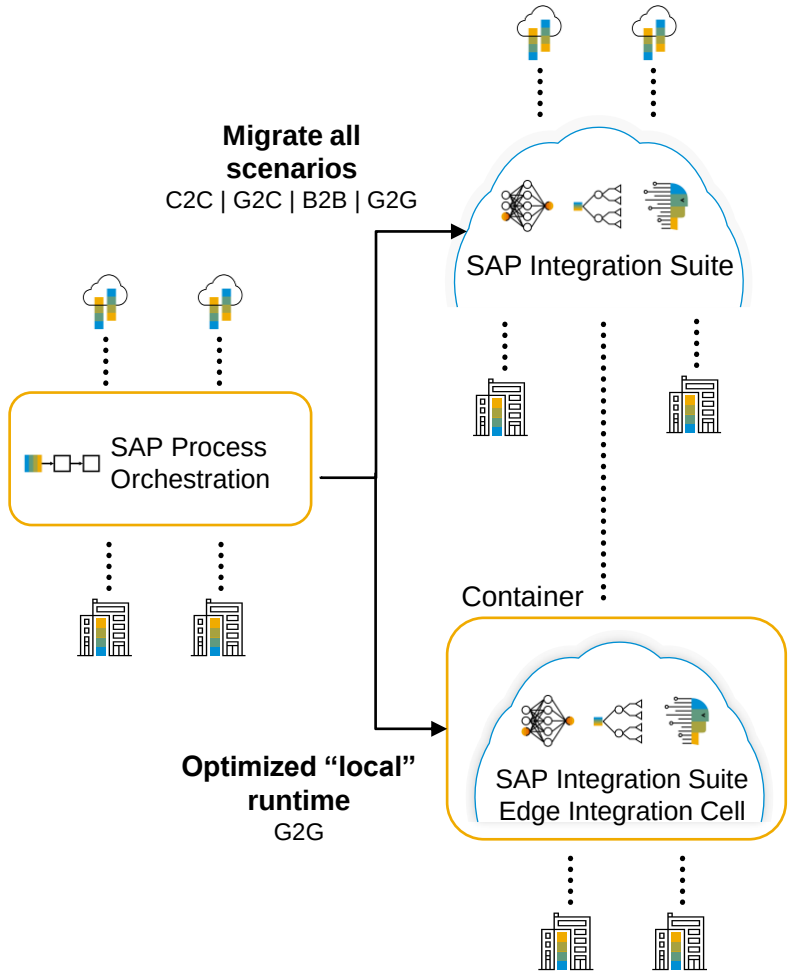
Option 1
Complete migration



Option 2
Hybrid migration



Future (Beta 2H 2023)
Hybrid (No PO)



Migration Guide for SAP Process Orchestration

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SAP Offering for Migration

SAP Process Orchestration move to SAP Integration Suite

3-step approach at a glance

1 ASSESS

- Integration value calculator
- Assess organization integration maturity
- SAP Integration Solution Advisory Methodology (ISA-M)
- SAP Process Orchestration roadmap and future-proof integration strategy paper
- Blog: Pilot assessment tool for SAP PO customers by SAP Services IDG

2 PLAN AND TRANSFORM

- Enterprise integration patterns
- Accelerate with prebuilt integrations
- Integration Architecture Guide for Cloud and Hybrid Landscapes

3 MOVE (migrate and validate)

- Migration tool from our partners FIGAF and INT4
- Integration flow design guidelines
- Migration guide
- Blogs:
  - Import & reuse message mapping from ESR
  - Moving integration artifacts from SAP PO to Integration Suite
  - Cloud Integration runtime in SAP PO

Migration assistance program by SAP

SAP migration factory

- SAP run program
- Free assessment and planning
- Global program
- migrationfactory@sap.com

SAP support & services

- SAP services
  - Planning
  - Infrastructure/architecture
  - Implementation
- Automated assessment and migration app*
- Global program

Partners

- Automated migration tool
- Automated testing
- SAP Store

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* In beta, GA planned for Q1.2023, subject to change | SAP PO: SAP Process Orchestration

Migration from SAP Process Orchestration

Migration Assessment tool (Available Jan 23, 2023)

- Assess your current SAP Process Integration / SAP Process Orchestration landscape
- Estimate migration effort
- Check for technical showstoppers & provide possible workarounds

Migration Tool (Available Jan 23, 2023)

- Automate the migration based on integration flow templates

Regression Test Tool

- Partner solution from Figaf and INT4

Edge Integration Cell* (Available H2, 2023)

- Hybrid deployment option for SAP Integration Suite

* Available as beta with SAP Integration Suite, standard and premium.

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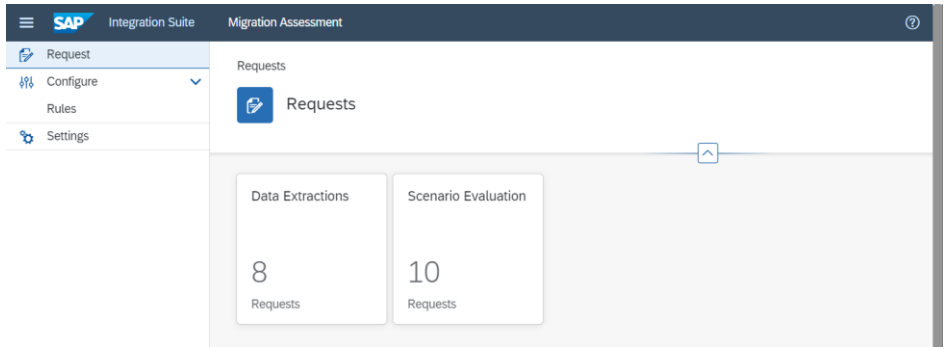
Migration Assessment Capability of SAP Integration Suite



Concepts

- Data extraction (ESR & Integration Directory) directly connecting to SAP Process Orchestration systems
- Evaluation based on flexible rules framework
  - Set of characteristics reflecting feature parity
  - Each rule has a weight impacting overall migration effort
  - More rules to be added in future
- Migration effort in t-shirt size and person days
  - Covers technical migration only
  - Based on experience from the field
  - Effort reduction due to similarity of scenarios (learning curve)
- Evaluation results
  - Dashboard, pdf & excel download
  - Statistics of scenarios by assessment categories, effort estimation, adapter types

Assessment categories*

- **Ready to Migrate**
  - Scenarios match to scenarios offered in SAP Integration Suite
  - Can be moved to SAP Integration Suite manually or semi-automatically
  - Additional configuration steps might be required
- **Adjustment Required**
  - Partially match to scenarios supported by SAP Integration Suite
  - Can be moved to SAP Integration Suite manually or semi-automatically
  - Further adjustments to end-to-end integration process based on best practices are required
  - Example: As File adapter is not supported, we would propose SFTP as alternative
- **Evaluation Required**
  - No match or match not known, some items require further evaluation
  - Example: Since In Order processing is not supported yet, scenario can't be migrated
  - Example: For custom adapter modules we are not able to do an automatic assessment

* NOTE: Assessment category is an indication of the ease of "migratability" and not an indication of what the migration tool can automate

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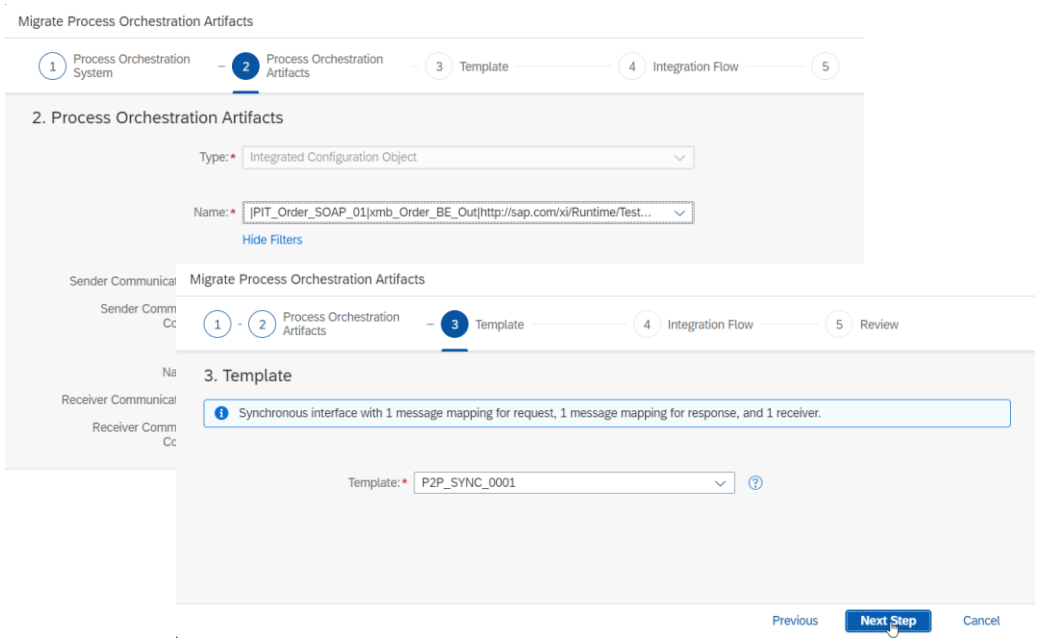
Migration Tooling

Concepts

- Migration wizard embedded in Cloud Integration designer
- Integration flows are semi-automatically created based on set of integration flow templates
- Framework automatically identifies fitting template; more than one template can be applicable
- Default template to at least upload mappings incl. message structures
- SAP Process Orchestration adapter metadata attributes are mapped to channel properties of Cloud Integration
- Manual adjustments such as maintaining security artifacts may be needed after integration flow creation

Migration supported for following components

- Configuration artifact: Integrated Configuration Object
- Mode: Synchronous & Asynchronous
- Communication Channels: HTTP, REST, SOAP, IDOC, FTP, and SFTP
- Events: Message Start, Message End, Timer
- Mappings: XSLT, Message Mapping incl. source and target structures
- Converters: XML to JSON, JSON to XML
- Misc.: Router
- More components to be added in future such as support for XI adapter
- NOTE: Documentation has the latest details



Supported Templates

- Point-to-Point Sync w/ & w/o mappings
- Point-to-Point Sync incl JSON conversion
- Point-to-Point Async w/ & w/o mappings
- Point-to-Point Async variants for different Exactly Once setup
- Point-to-Point Async incl JSON conversion
- Content Based Routing
- Command Message (timer based)
- Message Filter
- More templates to be added in future
  - NOTE: 21 templates today see documentation for details

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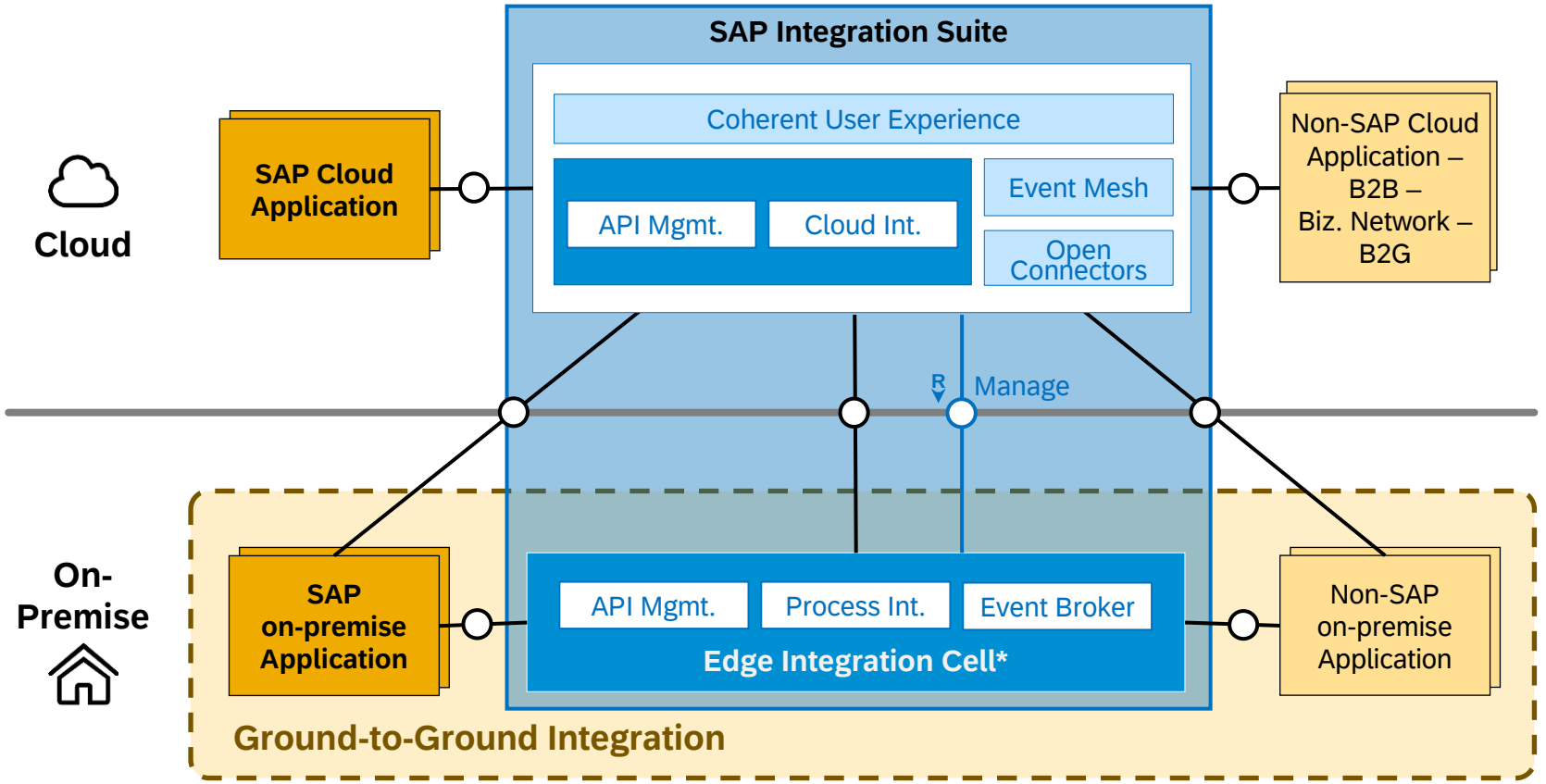
Next-gen hybrid integration runtime : Edge Integration Cell (in Beta)*

Extend SAP Integration Suite in customer environments



Coherent user experience for design, configuration and message monitoring **in the Cloud**

Flexible runtime deployment in customer environments either in the cloud or on-premise

Next-generation **on-prem runtime** on K8s

- Installation, system monitoring and software update by customer
- Software lifecycle in sync with cloud delivery speed
- Remote API's for custom integration in existing on-premise monitoring and operations tooling

Process Integration

- Existing integration flows can be re-used on-premise
- Add new integration flows for on-premise execution

API-managed integrations

- Full lifecycle of APIs
- Expose legacy interfaces as modern API's
- Add API policies as configurations to integration flows

Event bridge

- Expose business events from SAP on-premise applications to SAP Event Mesh and/or third-party event brokers

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* Edge Integration Cell in beta, GA planned for Q3 2023, subject to change

Plan the move to SAP Integration Suite

Migration guide for SAP Process Orchestration

- Assess your existing **integration landscape** and plan your target landscape
- Learn how to move your **connectivity** options to the connectors and adapters of SAP Integration Suite
- Get an overview of the **security aspects** you should consider while migrating and how to manage them in SAP Integration Suite
- Learn about **error handling and logging** strategies and understand the different approaches available to you
- Understand how **interfaces are governed** in the cloud and how to manage them across multiple landscapes
- Discover the different aspects involved in **moving interfaces f**rom SAP Process Orchestration to SAP Integration Suite

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Best practices for moving existing integration scenarios to SAP Integration Suite

Guidelines to design enterprise-grade integration flows

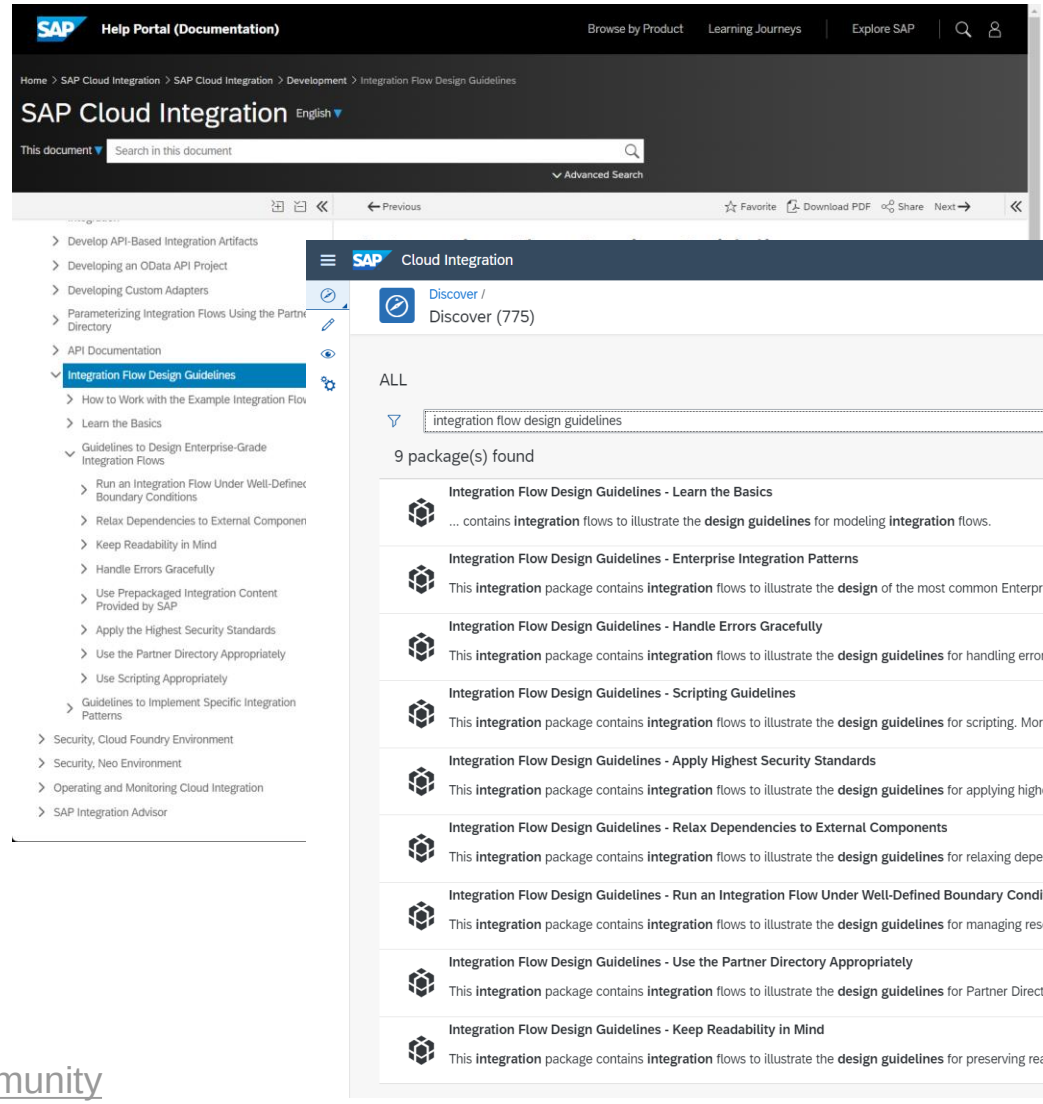
- Covering different areas such as applying highest security standards, handling errors, scripting, etc.
- Application specific guidelines (SuccessFactors, API Management)
- Reference integration flows @API Business Hub or directly in Cloud Integration to be deployed with minimum effort
- See guidelines in documentation

Guidelines to implement specific integration patterns

- Most common enterprise integration patterns such as content-based routing, aggregator, splitter, etc.
- Exactly-once scenarios
- See blog series

Enterprise integration pattern community

- 60+ enterprise integration patterns implemented with Cloud Integration
- Overview blog



Huge and active community

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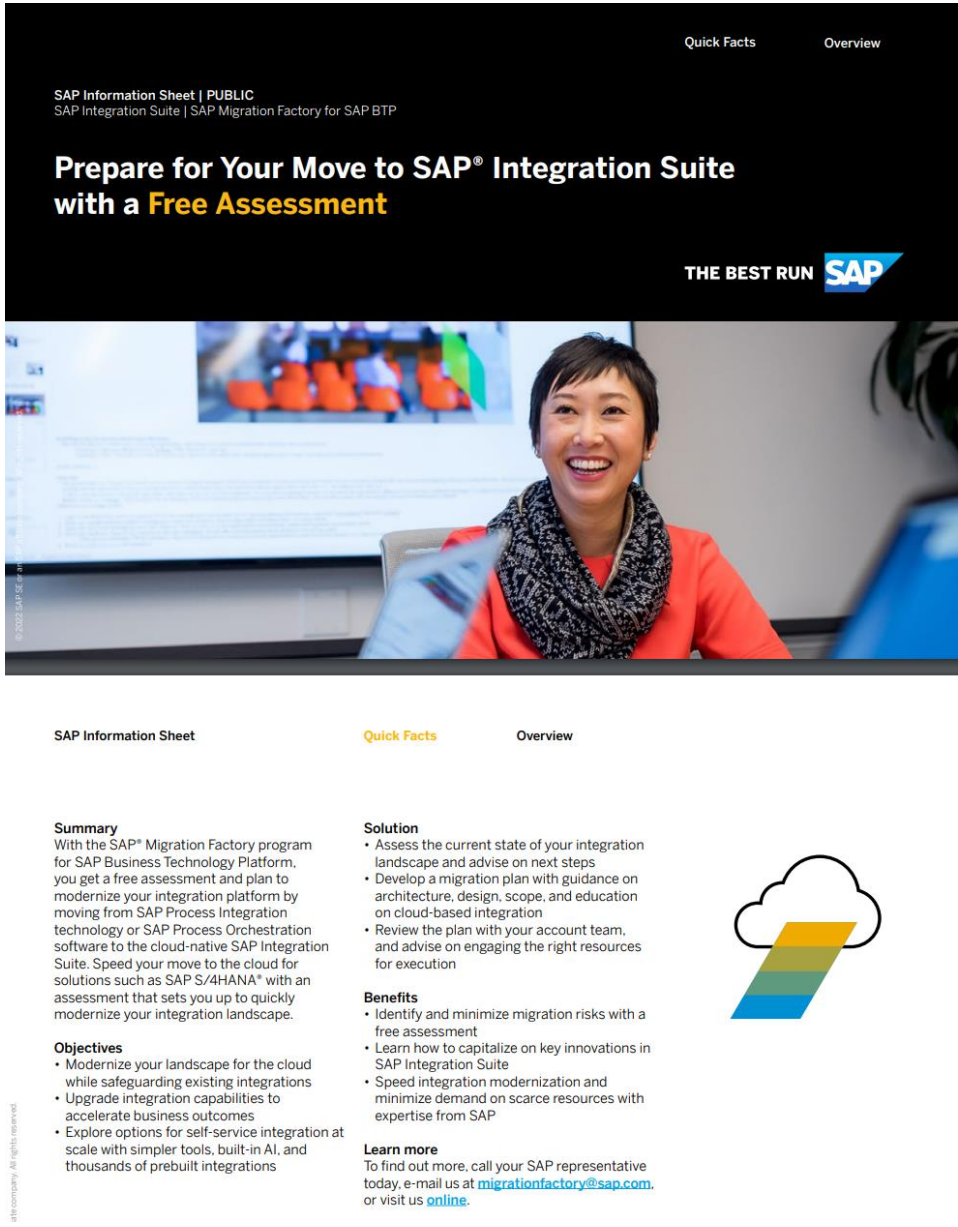
Service Offerings

- Prepare the move with a free assessment and migration plan of the SAP Migration Factory
- Paid services from SAP Services and Support to help with detailed planning, setup, and migration to SAP Integration Suite



Quick Facts Overview

SAP Information Sheet | PUBLIC
SAP Integration Suite | SAP Migration Factory for SAP BTP

Prepare for Your Move to SAP® Integration Suite with a Free Assessment

THE BEST RUN SAP

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SAP Information Sheet Quick Facts Overview

Summary
With the SAP® Migration Factory program for SAP Business Technology Platform, you get a free assessment and plan to modernize your integration platform by moving from SAP Process Integration technology or SAP Process Orchestration software to the cloud-native SAP Integration Suite. Speed your move to the cloud for solutions such as SAP S/4HANA® with an assessment that sets you up to quickly modernize your integration landscape.

Objectives
- Modernize your landscape for the cloud while safeguarding existing integrations
- Upgrade integration capabilities to accelerate business outcomes
- Explore options for self-service integration at scale with simpler tools, built-in AI, and thousands of prebuilt integrations

Solution
- Assess the current state of your integration landscape and advise on next steps
- Develop a migration plan with guidance on architecture, design, scope, and education on cloud-based integration
- Review the plan with your account team, and advise on engaging the right resources for execution

Benefits
- Identify and minimize migration risks with a free assessment
- Learn how to capitalize on key innovations in SAP Integration Suite
- Speed integration modernization and minimize demand on scarce resources with expertise from SAP

Learn more
To find out more, call your SAP representative today, e-mail us at migrationfactory@sap.com, or visit us online.

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Further information

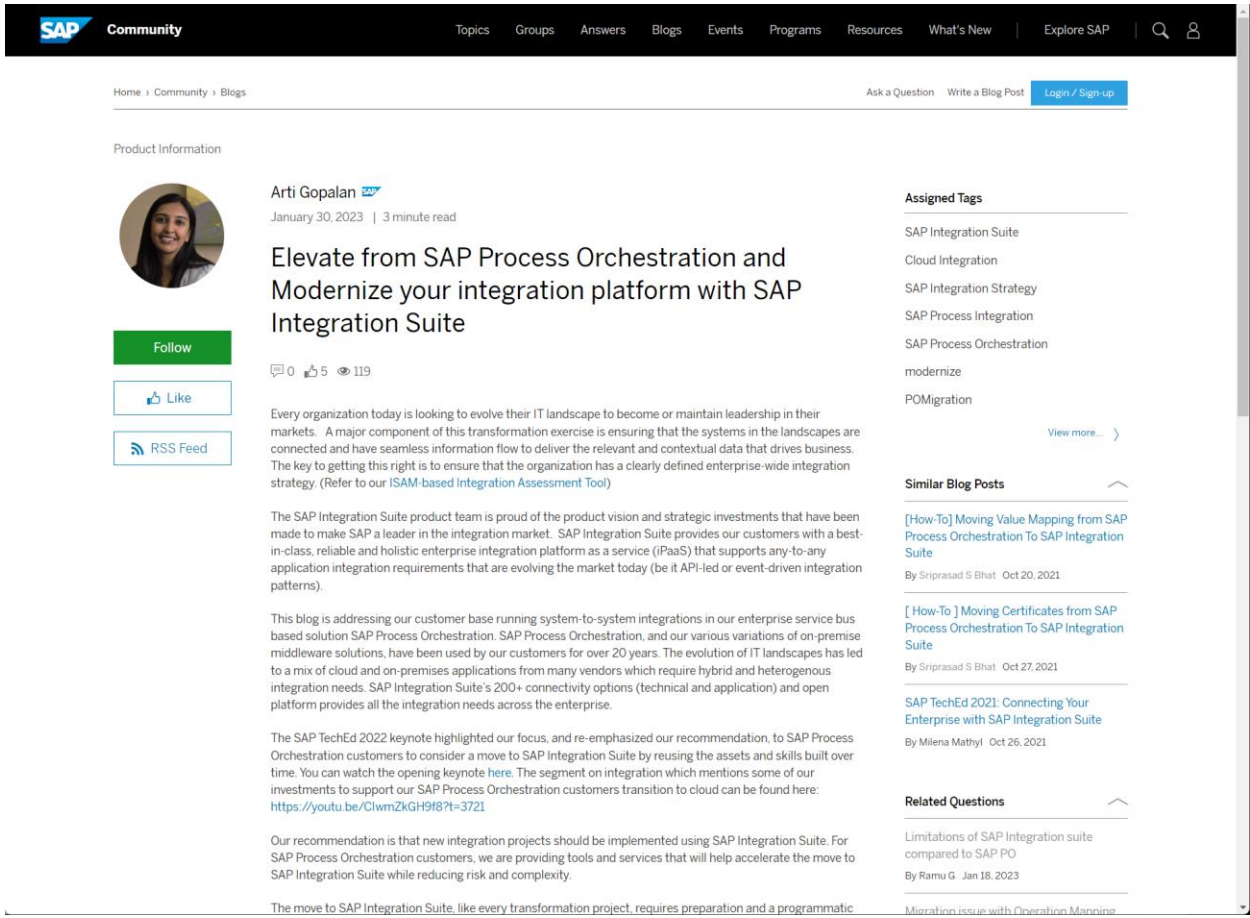
[Elevate from SAP Process Orchestration and Modernize your integration platform with SAP Integration Suite]

[Enablement guide for SAP Integration Suite Migration Assessment Capability]

[Automatically assess your migration from SAP Process Orchestration Systems to SAP Integration Suite with the new Migration Assessment capability]

[Migration tool in Cloud Integration Capability of SAP Integration Suite]

[Start your SAP PO to Integration Suite Migration now!]



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Innovate.
Let’s Get Started.