

Future Ready your Enterprise with your Integration Strategy

Udo Paltzer / Gabriela Gahse, SAP October 7, 2021

PUBLIC



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Intelligent enterprises are integrated enterprises

Integration in the cloud is a key pillar of SAP's strategy

SAP's vision and strategy: deliver integrated end-to-end business processes across SAP, partner, and third-party applications

Integration <u>strategy paper</u> with roadmap



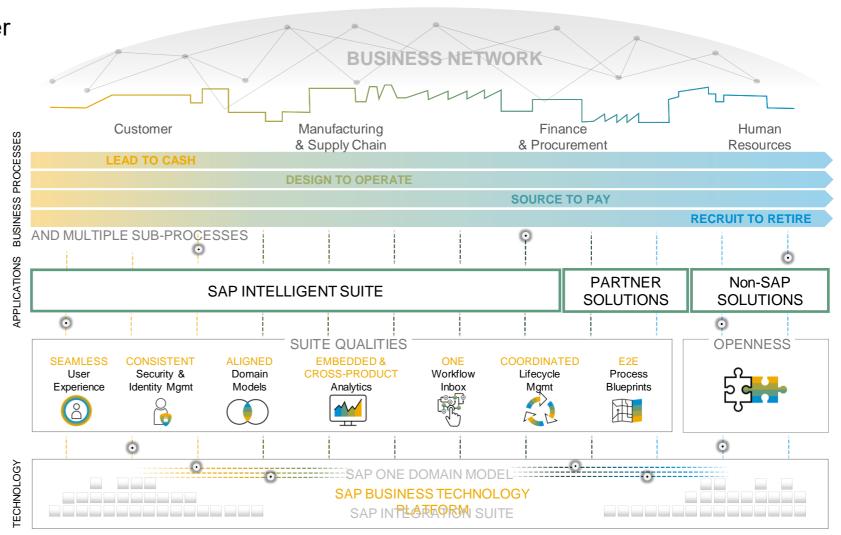
Jürgen Müller

CTO & Member of the Executive Board Technology & Innovation



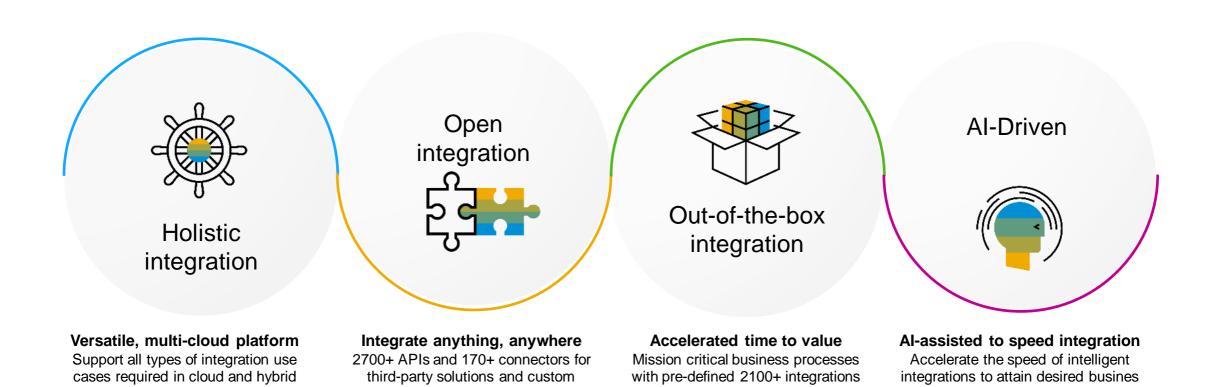
Thomas Saueressig

Member of the Executive Board SAP Product Engineering



Accelerate business outcomes with simplified integration

extensions by SAP and partners



CONNECT

landscapes

and customize experiences

ACCELERATE

for cloud and on premise

innovation by starting with integration

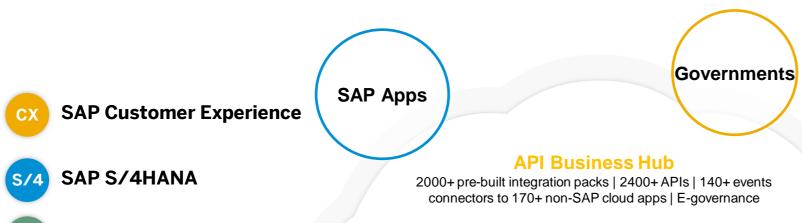
EMPOWER

outcomes

Practitioners beyond central IT

Suite of integration capabilities at SAP

SAP's hybrid integration platform for the Intelligent Enterprise



SAP Ariba

SAP SuccessFactors

SAP Fieldglass

SAP Concur

More..

Cloud Integration

End-to-end process integration

Integration Advisor

Al-based integration and metadata management Third-**Party Apps**





More...

API Management

Expose your data as APIs, manage the end-to-end lifecycle

Data Intelligence

Data integration, orchestration, and AI

Open Connectors

Accelerate connectivity to non-SAP applications

Event Mesh

Sense and respond to business events

One Domain Model

Share master data with SAP and third-party systems

B₂B **Partners**











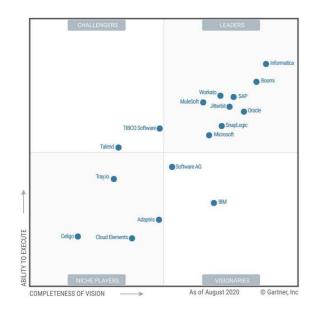
Fully-managed

5

SAP Integration Suite

Leading Enterprise Integration Platform-as-a-Service (EiPaaS)

2020 Leader in Gartner Magic Quadrant for EiPaaS



Key factors to become leading platform

- Completeness of Vision
- Ability to Execute
- Customer References

Published Sept 21st, 2020 | ID: G00397953 Read a complimentary copy of the full report

2021 Gartner Peer Insights Customers' Choice for EiPaaS



Highlights

- Highest reviews among the companies
- 93% would recommend us as preferred EiPaaS
- Customer's choice for midsize enterprises

Published April 1st, 2021 | ID G00745387 Read Gartner Peer Insights 'Voice of the Customer' <u>report</u> or <u>read our blog</u>

2021 Top rated TrustRadius iPaaS Award



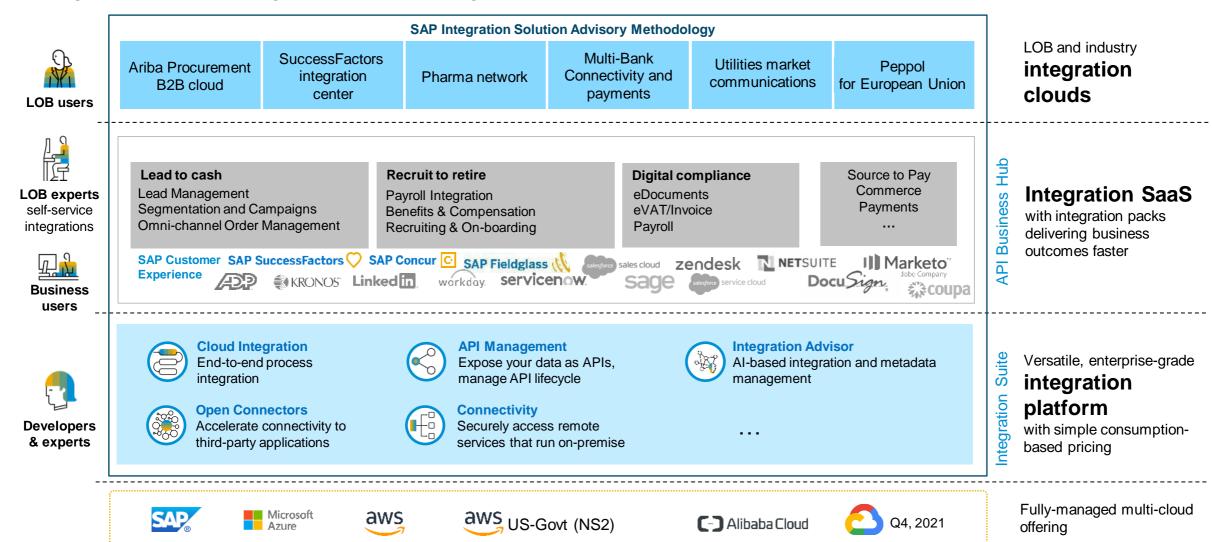
Highlights

 Based solely on reviews provided by verified customers

Published May 27th, 2021 Read the <u>reviews</u> or read our <u>blog</u>

SAP Integration Suite

Integration PaaS | Integration SaaS | Integration clouds



Boehringer Ingelheim has improved the traceability and authenticity of pharmaceuticals – safeguarding patient health.

Boehringer Ingelheim created a digital network on SAP® Cloud Platform and integrated it using SAP Cloud Platform Integration Suite to track and trace its products at every stage of the supply chain. This enabled:

- Optimal implementation of source-to-pay and design-to-operate processes, leveraging the cloud integration capabilities of SAP Cloud Platform Integration Suite
- Higher security as a result of simplified integration among connected participants due to the cloud integration capabilities of SAP Cloud Platform Integration Suite
- Improved peace of mind for hospitals and pharmacies that they are providing patients with genuine rather than counterfeit – medicines
- · Increased trust in the Boehringer Ingelheim brand
- Enhanced business agility and lowered transaction costs, thanks to simplified processes for onboarding new supply chain partners
- · Ability to react more quickly in response to changes in legal regulations in the healthcare sector

"By leveraging the pharma network across all our stakeholders through SAP Cloud Platform Integration Suite, we have the **transparency to better guarantee** that patients are receiving the medicine they need and not a faked copy."

Andreas Henrich, IT Enabling Functions and Platform Services, Boehringer Ingelheim GmbH





Boehringer Ingelheim GmbH Ingelheim am Rhein, Germany www.boehringer-ingelheim.com Industry Life sciences Employees 51,000

Revenue €19 billion **Featured Solutions and Services** SAP Cloud Platform Integration Suite and SAP Cloud Platform



Integration patterns, personas and capabilities

SAP Integration Suite

Users



Integration Developers

Develop and integration scenarios; provisioning customer-specific APIs



Business User

Works with tasks, digital process, and apps



Citizen Integrators

Develops integrations and apps using low-code build experiences



Data Analyst

Analyze data from pattern detection and knowledge acquisition

Patterns

A2A Integration B2B/B2G Integration Omni-Channel Multi-Experiences with APIs

Digital Processes, Workflows & Apps

Event-based Sense and Respond Digital Integration Hub Digital Ecosystems and Networks Data
Integration,
Insights &
Intelligence

SAP API Business Hub

Out-of-the-box business integrations | Open APIs | Business events | Accelerators and best practices from SAP and partners

Capabilities



- Cloud Integration
- Integration Advisor
- Connectivity



- API Management
- Open Connectors
- API/microservices development in multicloud environment



- Workflow, Business Rules and Inbox
- Blockchain and Distributed Ledgers



- Event Mesh
- Streaming Analytics



- SAP HANA-aaS in-memory data grid
- Data Intelligence
- Smart Data Integration

SAP API Business Hub: out-of-the-box integrations and more

Search, discover, experience and consume predefined integration content, versioned and supported from SAP and select partners for your digital transformation projects.



Central place from SAP and its partners

Integration, APIs, API Templates, Business Processes...

accelerators

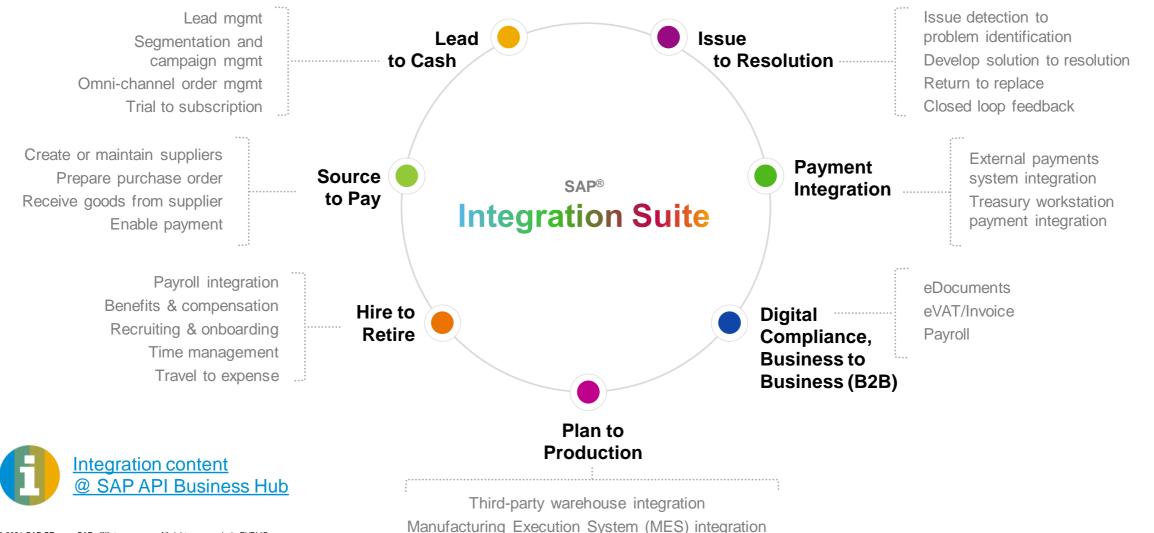
Integration with developer IDE and code generations

RISE with SAP Integration Suite

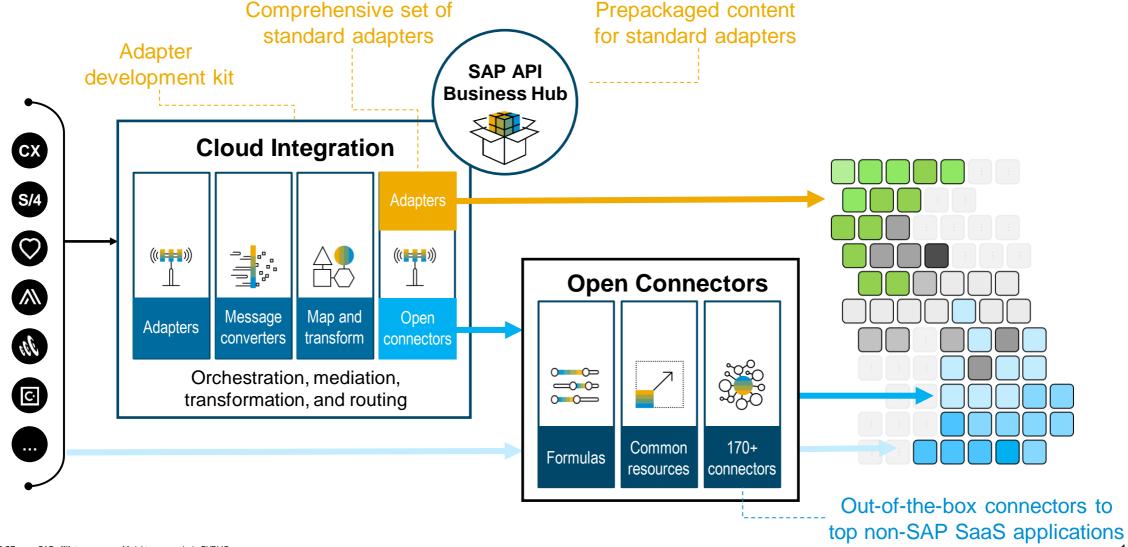
Accelerate RISE with out-of-the-box integrations for SAP and non-SAP apps

2100+ 170+ 170+
Out-of-the-box
Integrations

170+ Open Connectors



Extended connectivity to numerous non-SAP applications



Integration Suite at large scale at our customers



Messages processed per month across all SAP Integration Suite tenants



API calls per month across all SAP Integration Suite tenants



SAP Integration Suite

@ Large Scale



2000+

Recruitment Integration messages by a single customer per day

10+ Million

Largest number of messages processed by a single customer per day

5.7 Million

Messages processed via SAP Ariba Cloud Integration Gateway per day

23+ Million

Largest number of API calls by a single customer per day

3 Million

B2B transactions by a single customer per week

900+

Largest number of Integration Flows deployed by a single customer on a single tenant

SAP Integration Suite

Example customer & partner success in numbers



50 - 60%

Reduction of IT spend for integration



50%

Reduction in integration costs using SAP Integration Suite



20%

Faster time to market due to quicker development time frame



Endress + Hauser



Increased project speed and reduced costs

20%

Cost savings using predelivered integration packs



75%

Faster migrations to Integration Suite, compared to migrations using third-party integration tools

80%



Faster time to value with real-time integration

30%

Lower implementation costs and lower total cost of operations



15.2%

Increase in sales consultant productivity in one year



33%

Fewer carbon emissions through improvements across supply-chain, logistics, and production processes

SAP Integration Suite – Recent Innovations and Roadmap



Recent innovations SAP Integration Suite

Increased development productivity

- Fine granular access policies for design time artifacts and runtime-related actions on artifacts
- Message mappings as reusable artifacts across integration flows
- Copy and paste single steps across flows
- Deployment status view in CPI designer

Simplified & upgraded experience

- Onboarding, provisioning, administration harmonized across capabilities
- New user experience for SAP API Business Hub
- Industry cloud content in SAP API Business Hub

Cloud based B2B

 Trading partner management and B2B monitoring (beta)

API Development and Management

 API business hub enterprise as central enterprise-wide API catalog for managing APIs from SAP and non-SAP gateways



Enhanced operational support

- EU access compliance
- Reduced planned quarterly updates from 12 hours to 4 hours and 99,95% SLA
- Transport of single integration artifacts
- Archiving data on external CMS
- Expired certificates in health monitoring of SAP Cloud ALM

Additional capabilities

- Increased connectivity options: <u>Kafka</u>, <u>ServiceNow</u>, <u>Workday</u>
- Exactly-once support for ID mapper

Accelerators and Guides

- Migration accelerators to multi-cloud for <u>API</u>
 <u>Management</u> and <u>Cloud Integration</u>
- Migration guide from SAP Process Orchestration to SAP Integration Suite

Workday and ServiceNow adapters in SAP Integration Suite



servicenow.

ntegration packages SAP®S/4HANA

SAP® S/4HANA Cloud

SAP ECC

SAP®S/4HANA

SAP® S/4HANA Cloud

SAP SuccessFactors \bigcirc

Integration scenarios

Replication of

- cost center
- employee basic master data
- exchange rate

Replication of

- cost center
- users
- exchange rate

Available with SAP Integration Suite, standard and premium editions

19

Commitment to enterprise readiness SAP Integration Suite

Multi-cloud strategy

- Fully vendor managed multi-cloud offering
- Benefits:
 - Flexibility to choose cloud-provider
 - Centrally access multi-cloud deployments within one cockpit
- Availability on AWS, Microsoft Azure, Alibaba Cloud, US-Govt (NS2), GCP*

Maintenance windows

- Zero downtime for feature upgrades
- For Neo environment 2 hours during the weekend

Major upgrade windows

4 hours per quarter during the weekend

99,95% SLA**

→ Designed for business critical processes

planned Q4,2021

** For SAP Integration Suite, standard and premium editions

SAP Support Portal Home / My Support / Systems & Installations / Cloud Availability Center & Cloud System Notification Subscriptions

Maintenance Windows and Major Upgrade Windows for SAP Cloud Services

SAP Cloud Services Vendor-Branded Cloud Services

SAP Cloud Services

The table below lists the Maintenance and Major Upgrade windows for the applicable SAP Cloud Services. It provides the start times and maximum scheduled downtime duration for the following regions:

- MENA Middle East and North Africa
- APJ Asia-Pacific and Japan
- ✓ Europe
- Americas

Cloud for credit

Maintenance and Major Upgrade Windows for vendor-branded cloud services, i.e. services provided by a third party, are listed in a separate table

All times are specified in Coordinated Universal Time (UTC)

							Search	i: integration	on ×
	MAINTENANCE WINDOWS				MAJOR UPGRADE WINDOWS				
Cloud Service	MENA	APJ	Europe	Americas	Frequency	MENA	APJ	Europe	Americas
SAP Cloud Integration	FRI 7 pm (2 hrs)	SAT 3 pm (2 hrs)	SAT 10 pm (2 hrs)	SUN 4 am (2 hrs)	Up to 4 times per year		FRI 2 pm (12 hrs)	FRI 10 pm (12 hrs)	SAT 4 am (12 hrs)
SAP Continuous Integration and Delivery		SAT 3 pm (3 hrs)	SAT 10 pm (3 hrs)	SUN 4 am (3 hrs)	Up to 4 times per year		FRI 2 pm (4 hrs)	FRI 10 pm (4 hrs)	SAT 4 am (4 hrs)
SAP Data Privacy Integration	Zero down- time	Zero down- time	Zero down- time	Zero down- time	Up to 4 times per year	SAT 3 pm (3 hrs)	SAT 3 pm (3 hrs)	SAT 3 pm (3 hrs)	SAT 3 pm (3 hrs)
SAP Emarsys Customer Engagement, advanced integration capabilities	Zero down- time	Zero down- time	Zero down- time	Zero down- time	Up to 4 times per year			SAT 4 am (12 hrs)	SAT 4 am (12 hrs)
SAP Integration Suite	Zero down- time	Zero down- time	Zero down- time	Zero down- time	Up to 4 times per year		FRI 2 pm (4 hrs)	FRI 10 pm (4 hrs)	SAT 4 am (4 hrs)
SAP S/4HANA	FRI	SAT	SAT	SUN	Up to 4		SAT	SAT	SAT

times per

Comprehensive set of guidelines and pattern descriptions for Cloud Integration

Guidelines to model enterprise-grade integration flows

- 30+ integration flows
- 3 application specific guidelines (SuccessFactors, API Management)
- See <u>Documentation</u> or <u>@ API Business Hub</u> or directly in CPI:

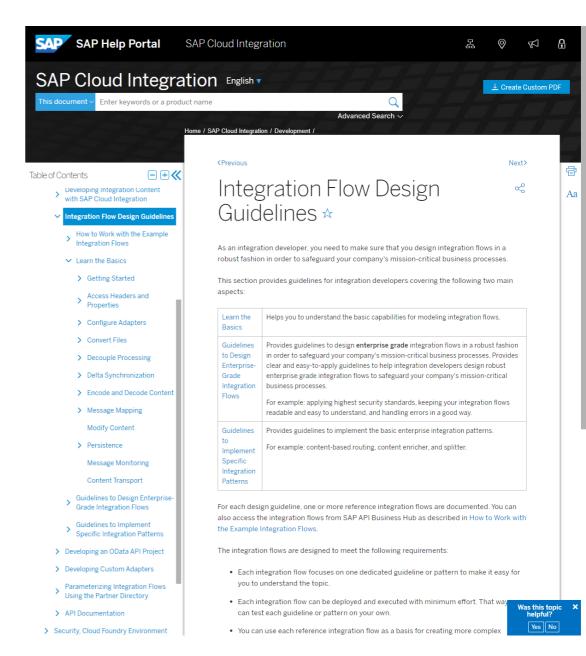
Enterprise Integration Patterns

- E.g. aggregator, scatter-gather, splitter
- 9 patterns, 15 integration flows
- Blog series

Enterprise Integration Pattern Community

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





Migration accelerators to hyperscaler environments

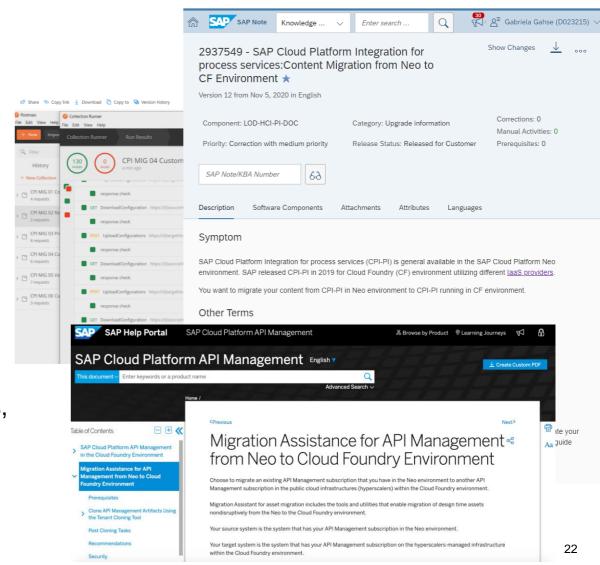
Help customers transition to Integration Suite from Neo to multi-cloud environment in a non-disruptive way

Cloud Integration

- Free migration tooling <u>SAP note 2937549</u>
- Support from SAP side sap.com
- In scope: prepackaged integration content, custom integration, number ranges, public certificates, value mappings

API Management

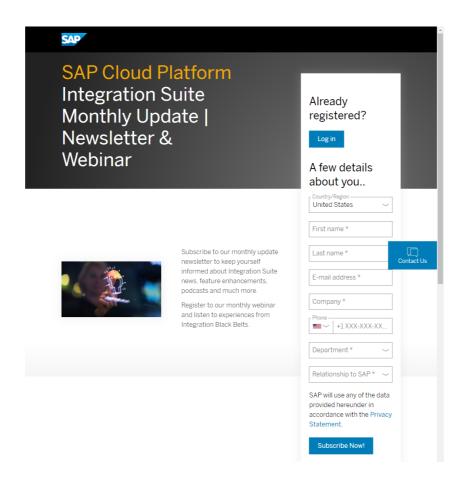
- Migration of design-time artifacts Command line tool
- Step-by-step tenant <u>migration guide</u>
- In scope: API products, API proxies, rate plans, policy templates, access control for API products, developers, application developers, custom charts, key value map (unencrypted)



SAP Integration Suite - monthly update

Newsletter

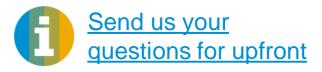
- Every first Monday
- Links to blogs, upcoming events, important news, updates, recordings



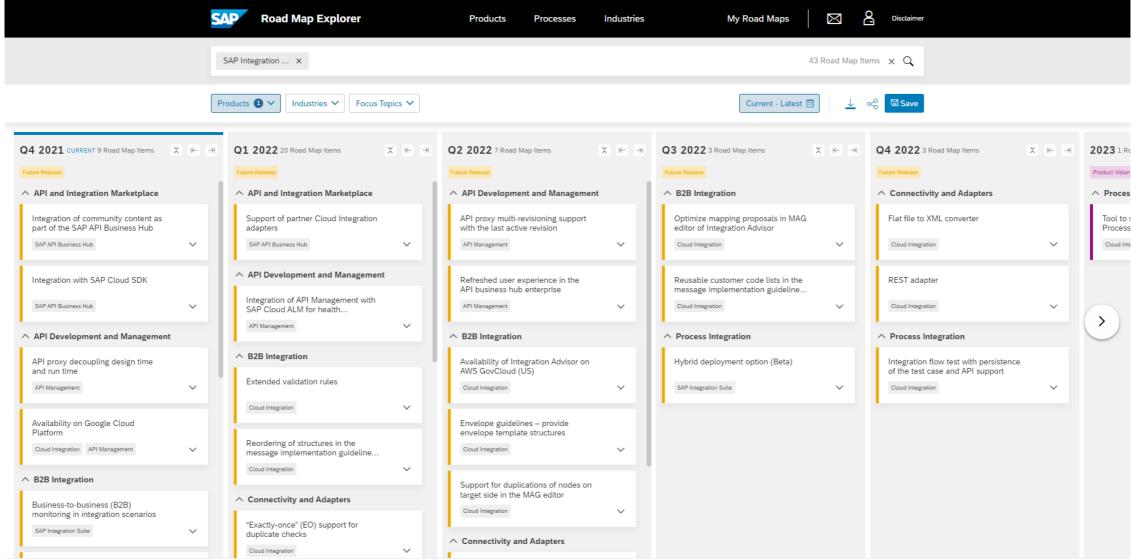
Webcast

- 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





SAP Integration Suite Roadmap



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Road ahead: 5 Big moves we will make!

1

Additional Integration Packs and Adapters for SAP and non-SAP integrations

- Integration Packs as Community content
- Enhanced support for partner adapters and content (e. g. consumption of adapters, publishing of content)
- 2

Hybrid deployment option for SAP Integration Suite

- With long-term road map for container-based deployments
- Ease customers transition from SAP Process Orchestration to SAP Integration Suite
- 3

Cloud Based B2B

- Trading Partner Management (available as beta already)
- B2B Monitoring (available as beta already)
- 4

Increased Operational Support

- Availability on Google Cloud Platform
- Increased high availability across multiple availability zones in multi-cloud
- 5

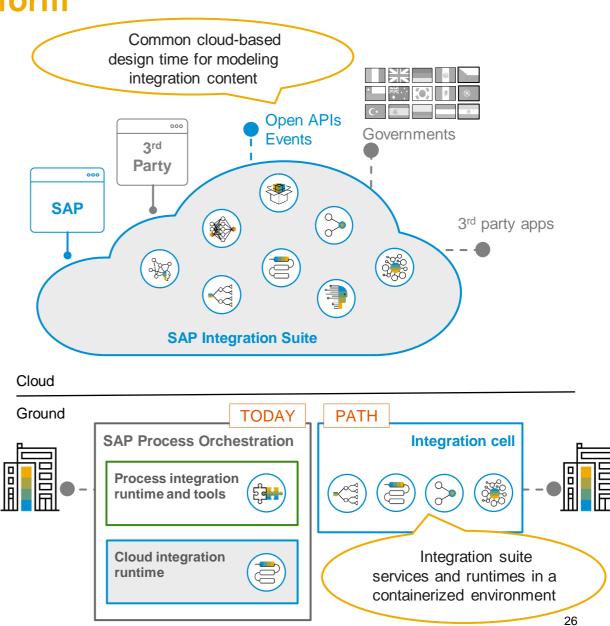
Additional capabilities and continuous improvement

• Integration of API Management with SAP Cloud ALM for health monitoring, refreshed user experience SAP API Business Hub Enterprise, Integration assessment service, scenario specific scaling, data type and message type editor, where-used functionality for security material, PGP key management, selected topics from SAP Integration Suite, etc.

The path ahead: Hybrid integration platform

SAP Integration Suite: The hybrid integration platform of choice for SAP customers

- Multi-cloud and hybrid deployment flexibility
- Lightweight runtime (integration cell) planned
 - Design, configuration, and monitoring on the cloud
 - Runtime leveraging container technology such as Docker
 - Runtime holding any Integration Suite services or engines
 - Software lifecycle in sync with cloud delivery speed
- Tools provided for seamless migration from SAP Process Orchestration to the new hybrid integration platform



Customer collaborations to help drive product decisions

SAP Integration Suite



Customer Influence Program

End-to-end request to road map process.

300+ requests75% considered as roadmap

Customers and partner can request integration features

SAP review of feature requests and planning process

Consider the requested feature + include to product road map



Customer Engagement Initiative

Program gives customers and select partners the unique opportunity to get a sneak peak into SAP's product visions, ideas, and prototypes and to share early feedback.

16 focus topics

100+ active participants

250+ registrants



Voice of Customer

A forum for implementors from customer and partner organizations to share their perspectives, feedback, requests, and directly interact with the SAP Integration Suite product engineering team.



Synergy Program

3C- Connect, Collaborate, Cultivate

Collaboration between CEX (customer relationship team) and Integration Suite product management team for improving customer, activation, adoption

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

- Versatile and Enterprise-grade integration platform covering all integration styles and patterns: A2A/B2B/B2G, APIs, Events, Digital Integration Hub, Digital Ecosystems.
- Out-of-box Integration Packs, APIs, Events, Domain Models to jump-start your integration projects

- Rich set of connectivity options and standard adapters for A2A and B2B/B2G integration, 170+ third-party SaaS connectors, provided by SAP as well as by partners
- Fully vendor managed multi-cloud services in major hyperscalers and all in outcome based pay-per-use pricing provides flexibility to run the same integration artifacts across multiple environments.
- Simplify the process of **business partners collaboration** with the **power of artificial intelligence**.
- Benefit from SAP's **continued innovation and long-term commitment** to simplify and accelerate enterprise integration

Strong focus on security such as data isolation, multitenancy, content encryption, and signing, OWASAP Top-10, Single Sign-On, secure on-premise connectivity

Share and learn from a community and partner ecosystem

Create **simple connected digital experiences** for your consumers, partners, and employees with full lifecycle management of your APIs.

Our ISA methodology with strong customer focus to make our customers run better

Start today with SAP Integration Suite

EXPLORE

<u>sap.com</u> | <u>Video</u> | <u>Infographic</u> | <u>Solution in Detail</u> | <u>Service</u> <u>Description</u> | <u>Roadmap</u>

GET STARTED

<u>ISA-M at sap.com</u> | <u>Discovery Center Missions</u> | <u>Tutorial Starter</u> Scenario

LEARN

SAP Community | Blogs | SAP Help | Learning Journey | openSAP Course | Book

INTEGRATION PACKS

SAP API Business Hub @ api.sap.com



Questions & answers



Thank you.

Contact information:

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