Accelerate Your Cloud Journey: Exploring Migration Capabilities with SAP Integration Suite

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SAPinsider
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In This Session

Evolve your enterprise landscape and modernize your integrations by moving to the cloud. Hear how SAP and our partner ecosystem provide tools and resources to elevate your scenarios from SAP Process Orchestration software and SAP Process Integration technology or from SAP BTP for the Neo environment to SAP Integration Suite.

What We'll Cover

- Future-proof your integrations
- Migrate from SAP Process Orchestration to SAP Integration Suite
  - Automate integration regression testing
  - Accelerate your migration with assets, tools, and services from SAP and partners
  - Recent innovations
- Demo
- Migrate from Neo environment to Cloud Foundry environment
- Wrap up
- Where to find more information
- Key points to take home
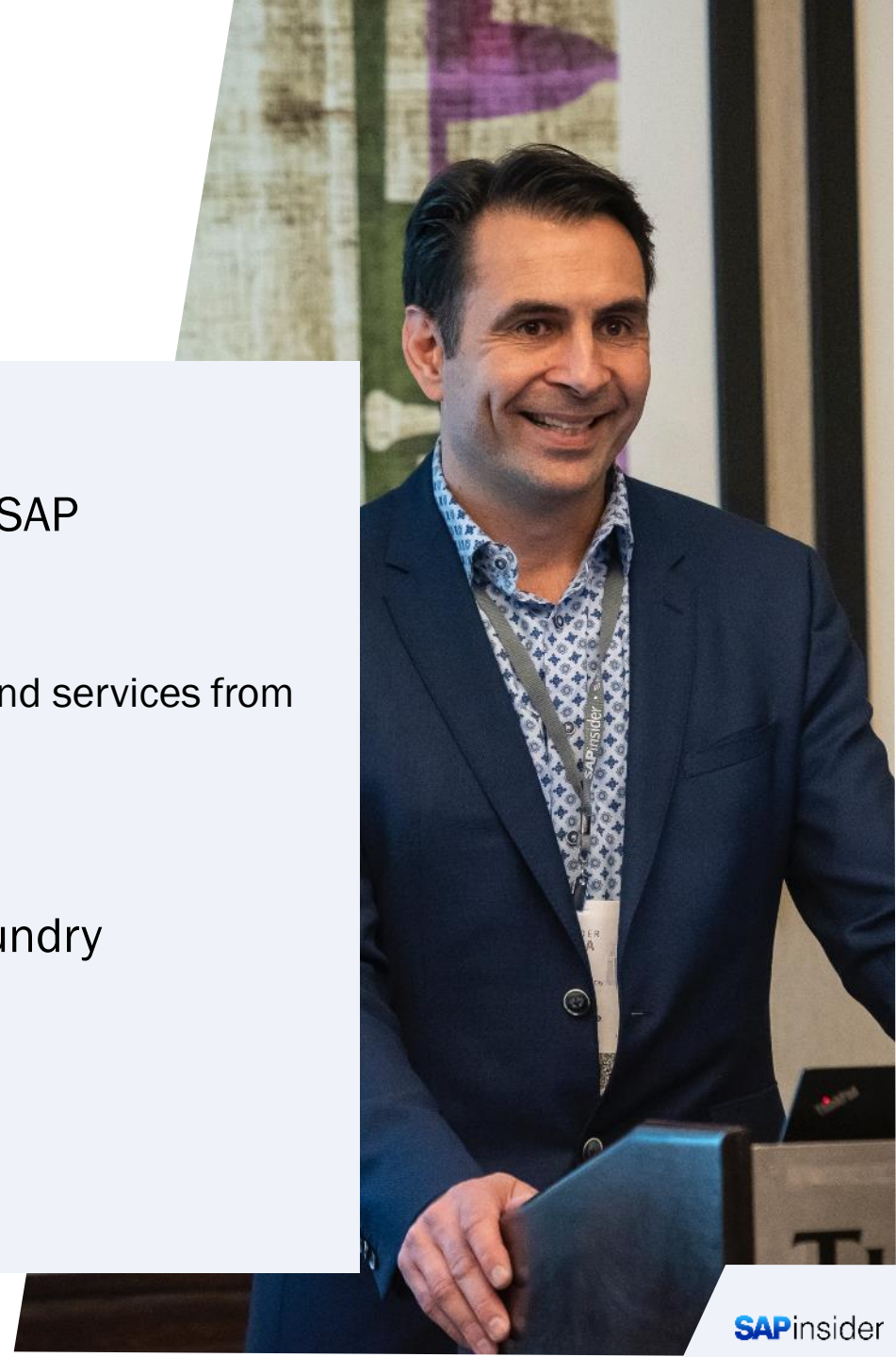
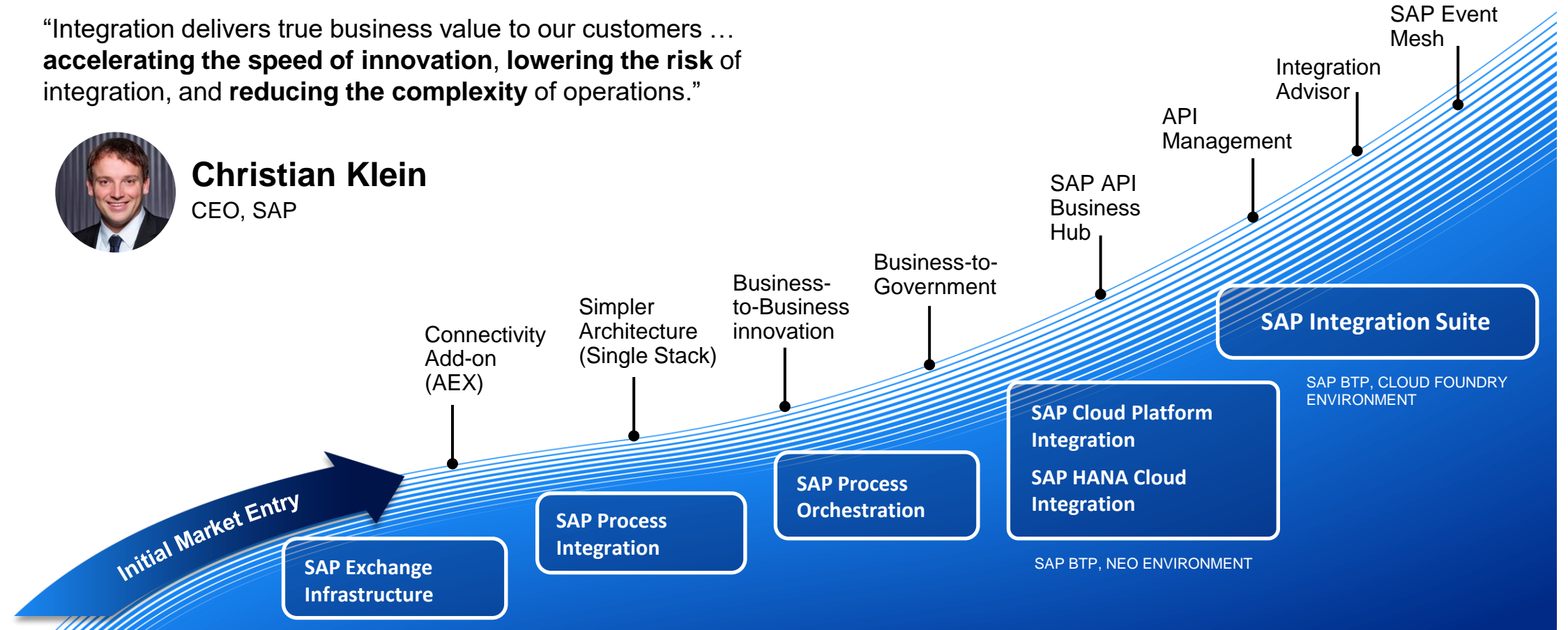# Future-proof your integrations

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, SAP

CUSTOMER VALUE

Initial Market Entry

Connectivity Add-on (AEX)

Simpler Architecture (Single Stack)

Business-to-Business innovation

Business-to-Government

SAP API Business Hub

API Management

Integration Advisor

SAP Event Mesh

SAP Exchange Infrastructure

SAP Process Integration

SAP Process Orchestration

SAP Cloud Platform Integration

SAP HANA Cloud Integration

SAP BTP, NEO ENVIRONMENT

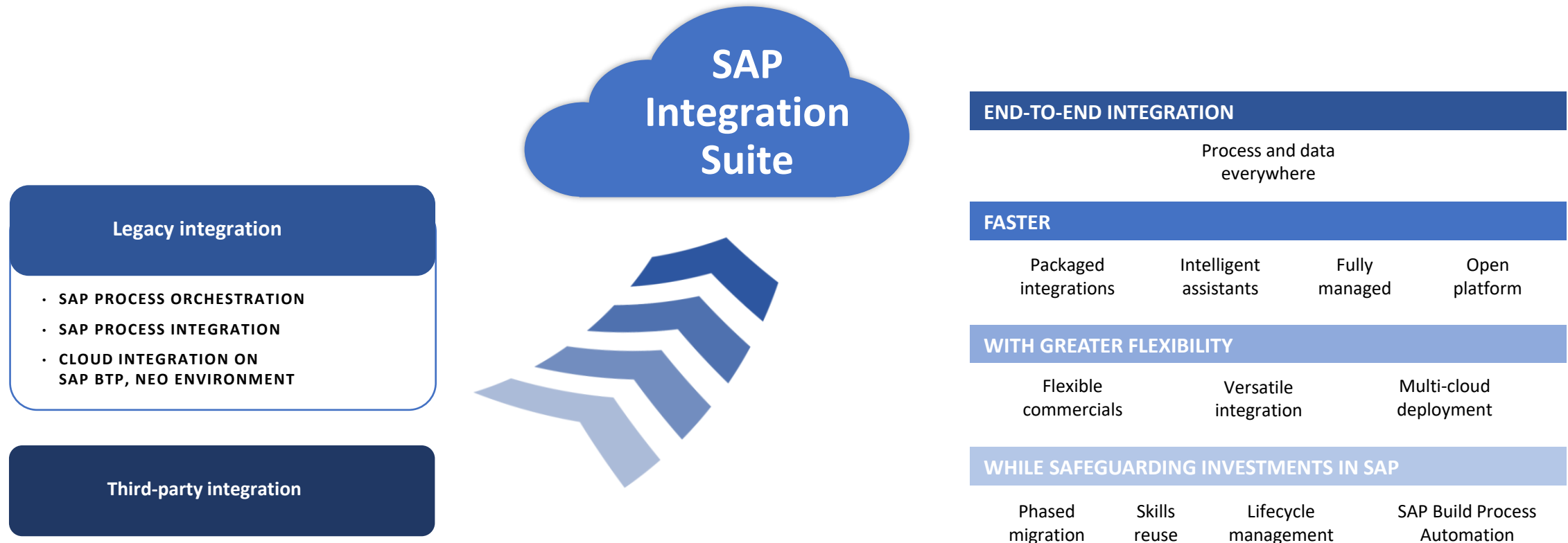**SAP Integration Suite**
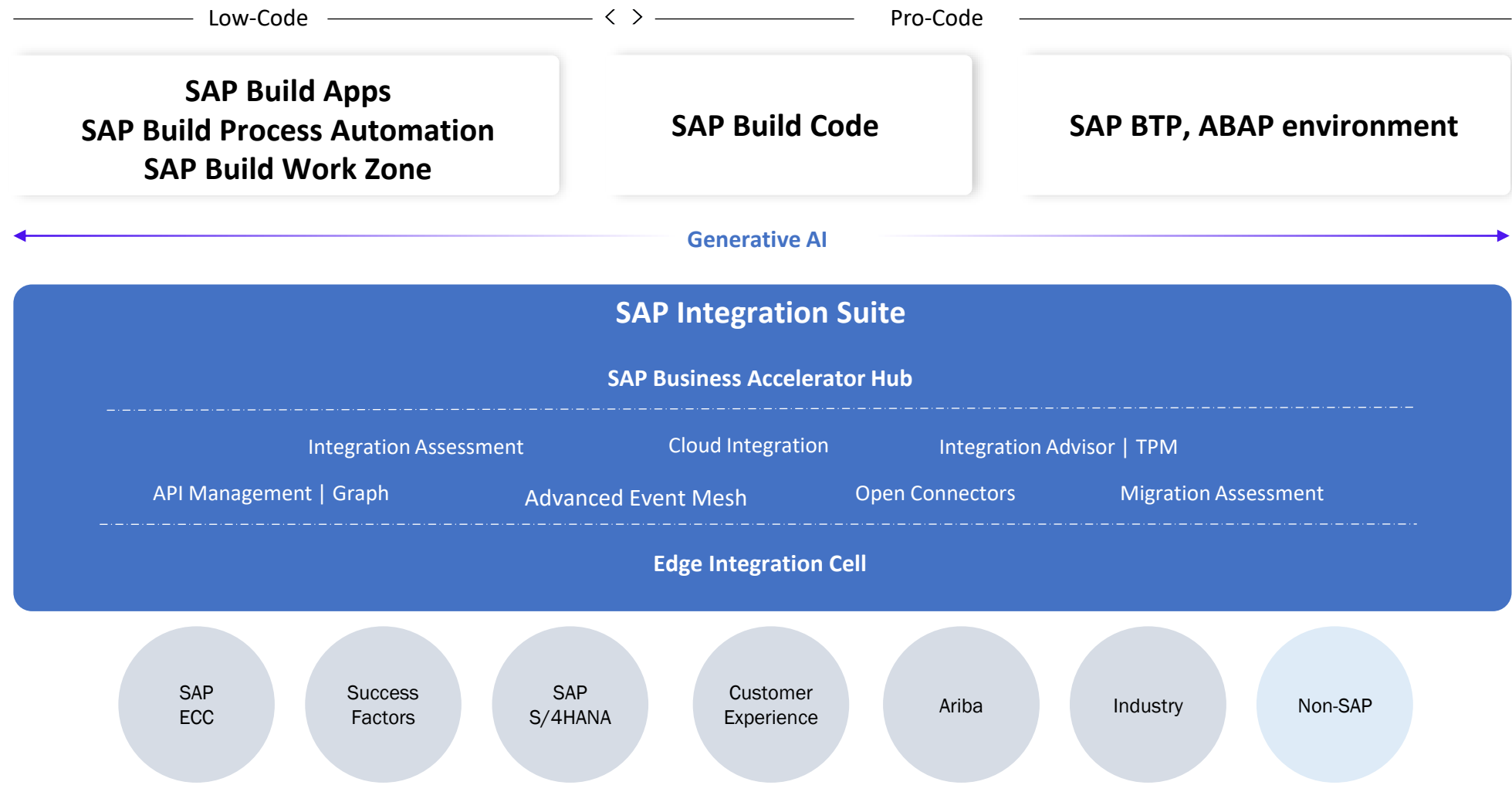
SAP BTP, CLOUD FOUNDRY ENVIRONMENT

2003

TODAY

Modernize integration to power your transformation journey

SAP Process Orchestration will be at end of standard maintenance 31 December 2027. The strategic functional successor to SAP Process Orchestration is SAP Integration Suite.

SAP Integration Suite

Legacy integration

- SAP PROCESS ORCHESTRATION
- SAP PROCESS INTEGRATION
- CLOUD INTEGRATION ON SAP BTP, NEO ENVIRONMENT

Third-party integration

END-TO-END INTEGRATION

Process and data everywhere

FASTER

| Packaged integrations | Intelligent assistants | Fully managed | Open platform |

WITH GREATER FLEXIBILITY

| Flexible commercials | Versatile integration | Multi-cloud deployment |

WHILE SAFEGUARDING INVESTMENTS IN SAP

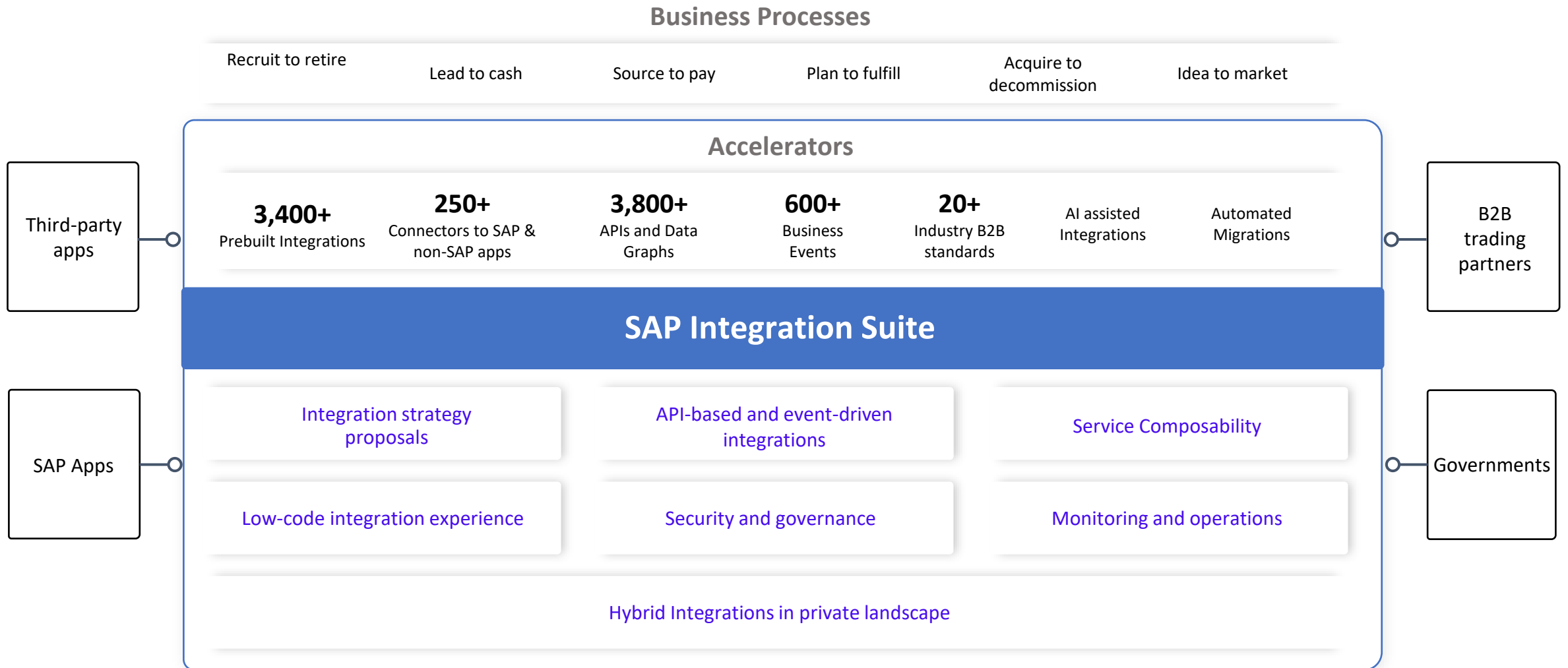| Phased migration | Skills reuse | Lifecycle management | SAP Build Process Automation |

Simplify and consolidate integration to achieve end-to-end processes faster at a lower TCO.

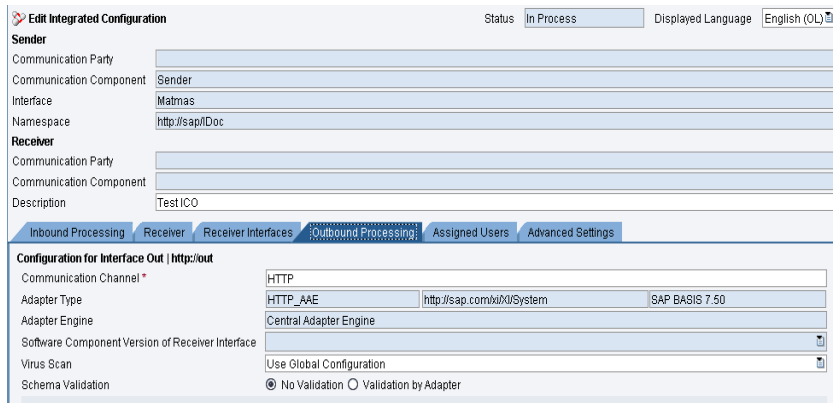# Integration tools on SAP Business Technology Platform

Low-Code ‹ › Pro-Code

SAP Build Apps
SAP Build Process Automation
SAP Build Work Zone

SAP Build Code

SAP BTP, ABAP environment

Generative AI

SAP Integration Suite

SAP Business Accelerator Hub

Integration Assessment   Cloud Integration   Integration Advisor | TPM

API Management | Graph   Advanced Event Mesh   Open Connectors   Migration Assessment

Edge Integration Cell

SAP ECC   Success Factors   SAP S/4HANA   Customer Experience   Ariba   Industry   Non-SAP

SAP's hybrid integration platform

Business Processes

Recruit to retire	Lead to cash	Source to pay	Plan to fulfill	Acquire to decommission	Idea to market

Accelerators

Third-party apps

3,400+ Prebuilt Integrations	**250+** Connectors to SAP & non-SAP apps	**3,800+** APIs and Data Graphs	**600+** Business Events	**20+** Industry B2B standards	AI assisted Integrations	Automated Migrations

B2B trading partners

SAP Integration Suite

SAP Apps

Integration strategy proposals	API-based and event-driven integrations	Service Composability
Low-code integration experience	Security and governance	Monitoring and operations

Governments

Hybrid Integrations in private landscape

Migrate from SAP Process Orchestration to SAP Integration Suite

Migration from SAP Process Orchestration to SAP Integration Suite

SAP Process Orchestration software

Integrated configuration

On premise

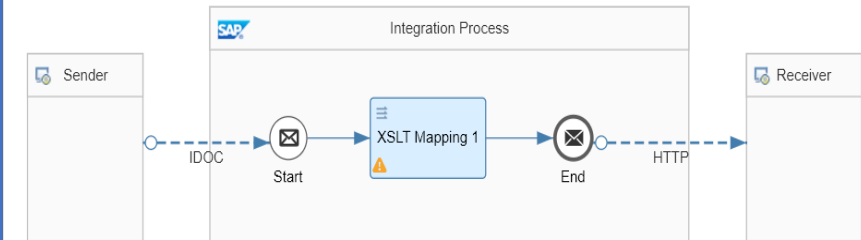## Our offerings to customers

- Guides and best practices
- Automatic assessment
- Semiautomatic migration
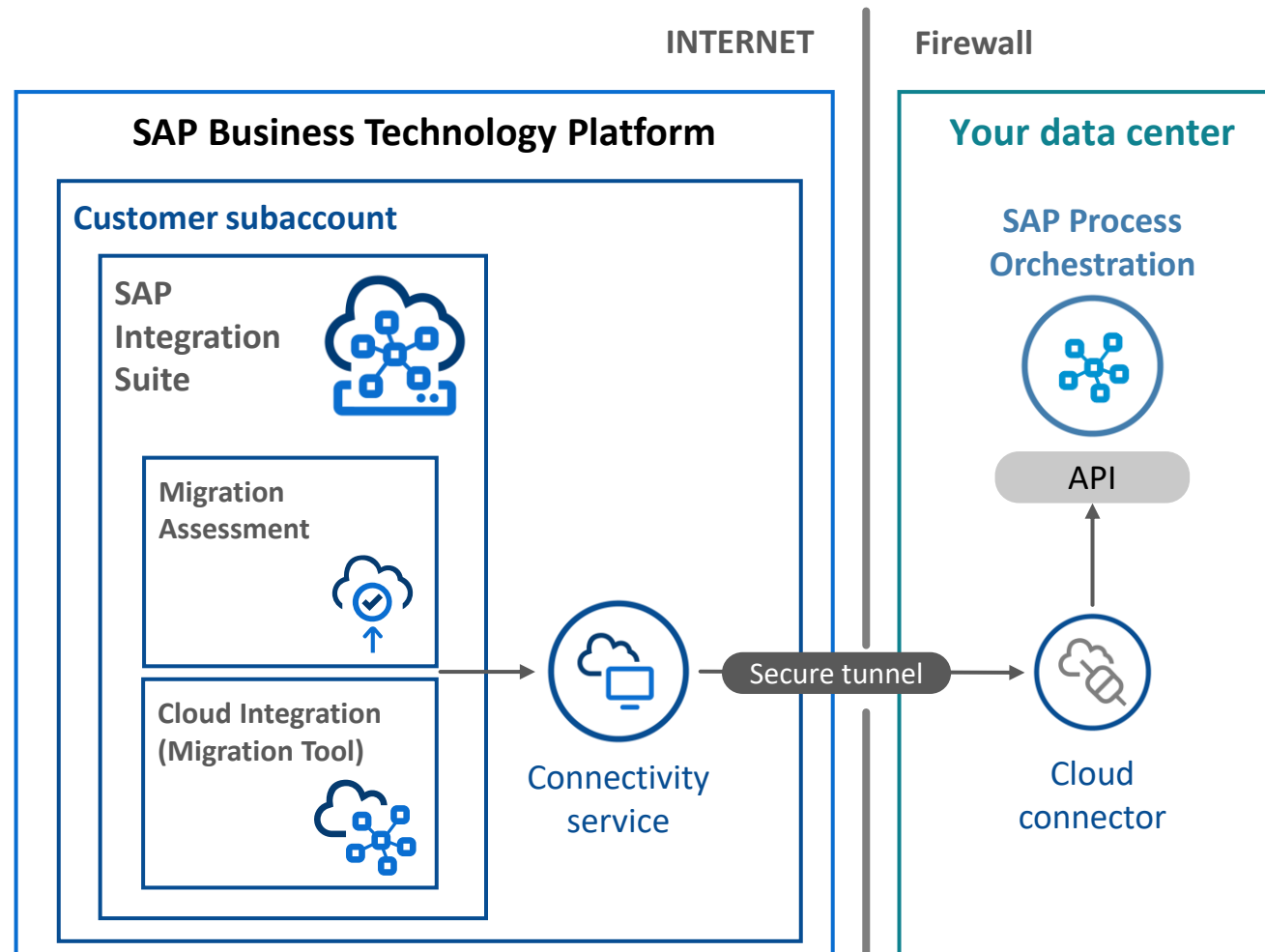- Edge integration cell
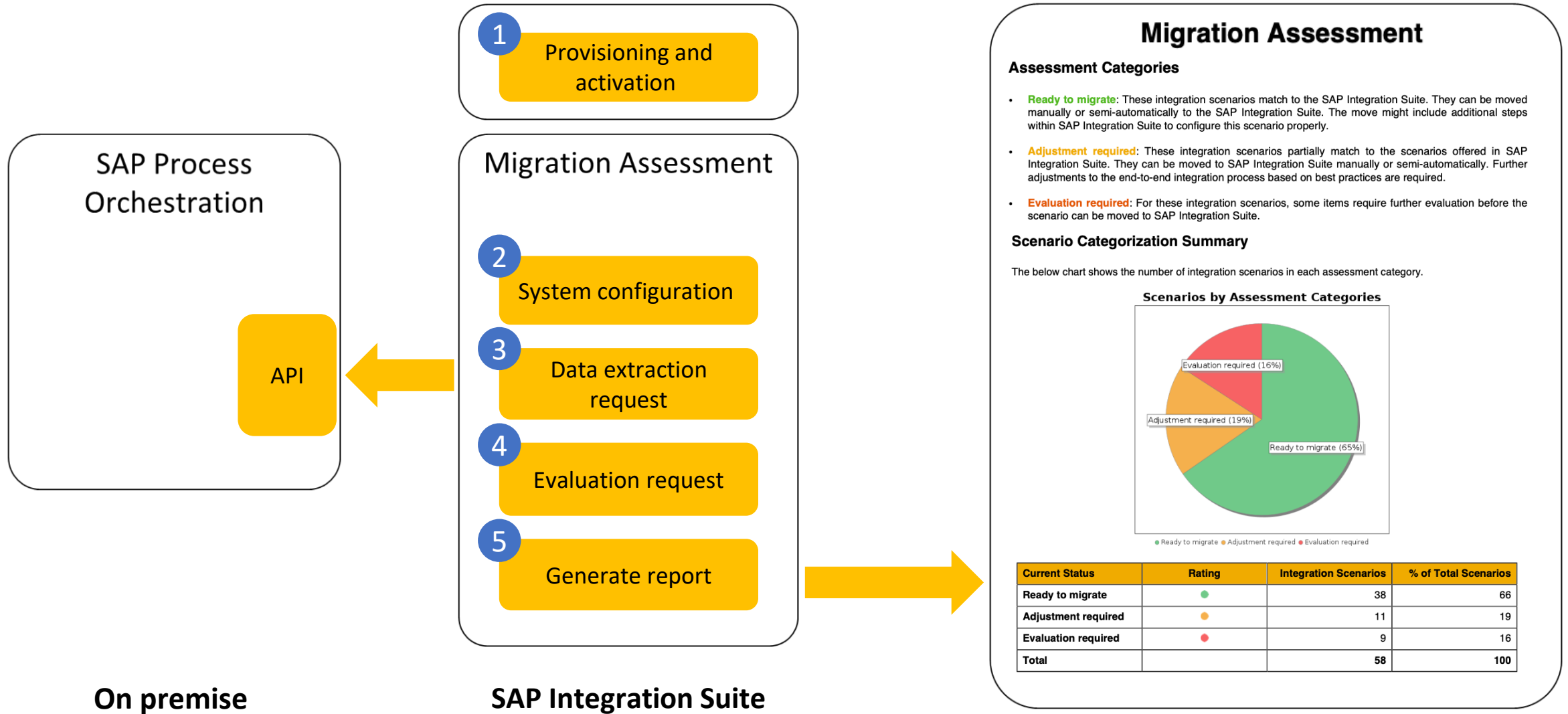- Regression test tool from partner

SAP Integration Suite

Integration flow

Cloud

High-level architecture of assessment and migration tool

INTERNET | Firewall

SAP Business Technology Platform

Customer subaccount

SAP Integration Suite

Migration Assessment

Cloud Integration (Migration Tool)

Connectivity service

Secure tunnel

Your data center

SAP Process Orchestration

API

Cloud connector

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How does migration assessment work?

SAP Process Orchestration

API

Migration Assessment

1 Provisioning and activation

2 System configuration

3 Data extraction request

4 Evaluation request

5 Generate report

On premise

SAP Integration Suite

Migration Assessment

Assessment Categories

- **Ready to migrate**: These integration scenarios match to the SAP Integration Suite. They can be moved manually or semi-automatically to the SAP Integration Suite. The move might include additional steps within SAP Integration Suite to configure this scenario properly.

- **Adjustment required**: These integration scenarios partially match to the scenarios offered in SAP Integration Suite. They can be moved to SAP Integration Suite manually or semi-automatically. Further adjustments to the end-to-end integration process based on best practices are required.

- **Evaluation required**: For these integration scenarios, some items require further evaluation before the scenario can be moved to SAP Integration Suite.

Scenario Categorization Summary

The below chart shows the number of integration scenarios in each assessment category.

Scenarios by Assessment Categories

Evaluation required (16%)

Adjustment required (19%)

Ready to migrate (65%)

● Ready to migrate ● Adjustment required ● Evaluation required

Current Status	Rating	Integration Scenarios	% of Total Scenarios
Ready to migrate	●	38	66
Adjustment required	●	11	19
Evaluation required	●	9	16
Total		58	100

Migration Assessment capability within SAP Integration Suite

Assessment categories*

- **Ready to migrate**
  - Scenarios match to scenarios offered in SAP Integration Suite
  - Can be moved to SAP Integration Suite manually or semiautomatically
  - 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 semiautomatically
  - Further adjustments to end-to-end integration process based on best practices are required

- **Evaluation required**
  - No match or match not known, some items require further evaluation
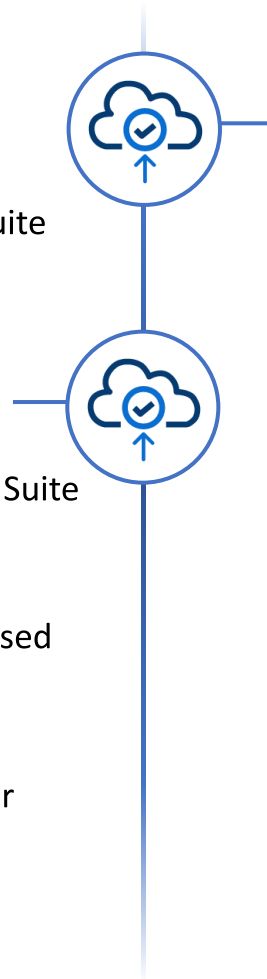
Concepts

- Data extraction (ESR and integration directory) directly connecting to SAP Process Orchestration software

- Evaluation based on flexible rules framework
  - Set of characteristics reflecting feature parity
  - Each rule has a weight impacting overall migration effort

- 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, and Microsoft Excel download
  - Statistics of scenarios by assessment categories, effort estimation, and adapter types

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

How does migration work?

SAP Process Orchestration

On premise

Integration designer

1. System configuration
2. Data extraction
3. Template identification
4. Flow generation

SAP Integration Suite

SAP — Integration Process

Sender | IDOC | Start | XSLT Mapping 1 | End | HTTP | Receiver

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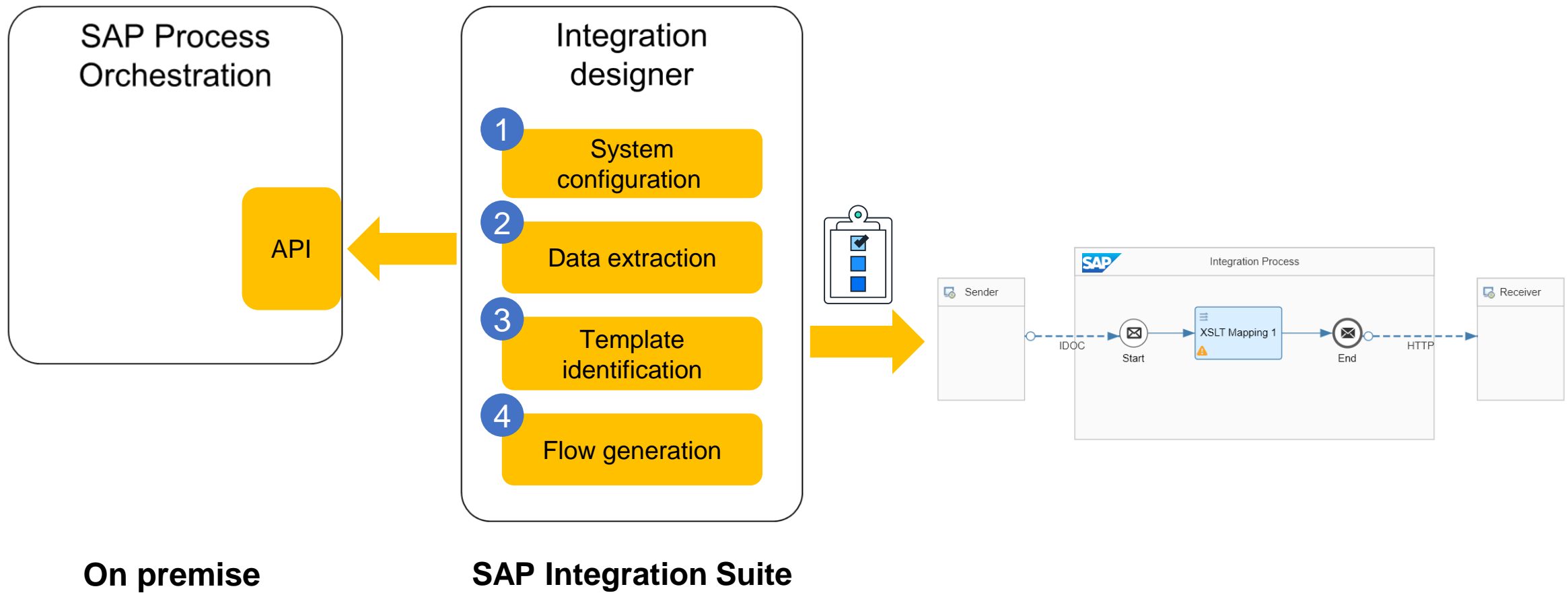
Migration tool

Concepts

- Migration wizard is embedded in Cloud Integration capability designer

- Integration flows are semiautomatically 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 software adapter meta data 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 and asynchronous

- Communication Channels: HTTP, REST, SOAP, IDOC, FTP, SFTP, XI, RFC, JDBC

- Events: Message start, message end, timer

- Mappings: XSLT, message mapping including source and target structures

- Converters: XML to JSON, JSON to XML

- More components to be added in future, see Documentation for more details

Supported Templates

- Point-to-point sync with and without mappings

- Point-to-point sync including JSON conversion

- Point-to-point async with and without mappings

- Point-to-point async variants for different Exactly Once setup

- Point-to-point async including JSON conversion

- Point-to-point async including CSV conversion

- Command message (timer based)

- Message filter

- More templates to be added in future, see Documentation

Demo

Automate integration regression testing

Automate integration testing
Accelerate your migration to SAP Integration Suite **with SAP partner solutions**

Testing is a substantial part of the migration effort and it consumes somewhere around **60% to 65% of the overall migration effort**.

PARTNERS

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CAPABILITIES

- Automate regression testing of integration flows for migration & beyond

- Complement SAP's automated assessment & migration tooling

- Available on the SAP Store with **with free usage during SAP PI/PO migration to SAP Integration Suite up to 12-months**

BENEFITS

- **Faster** migration at a lower cost

- **Higher** testing accuracy

- **Reduced** burden on technical and functional teams
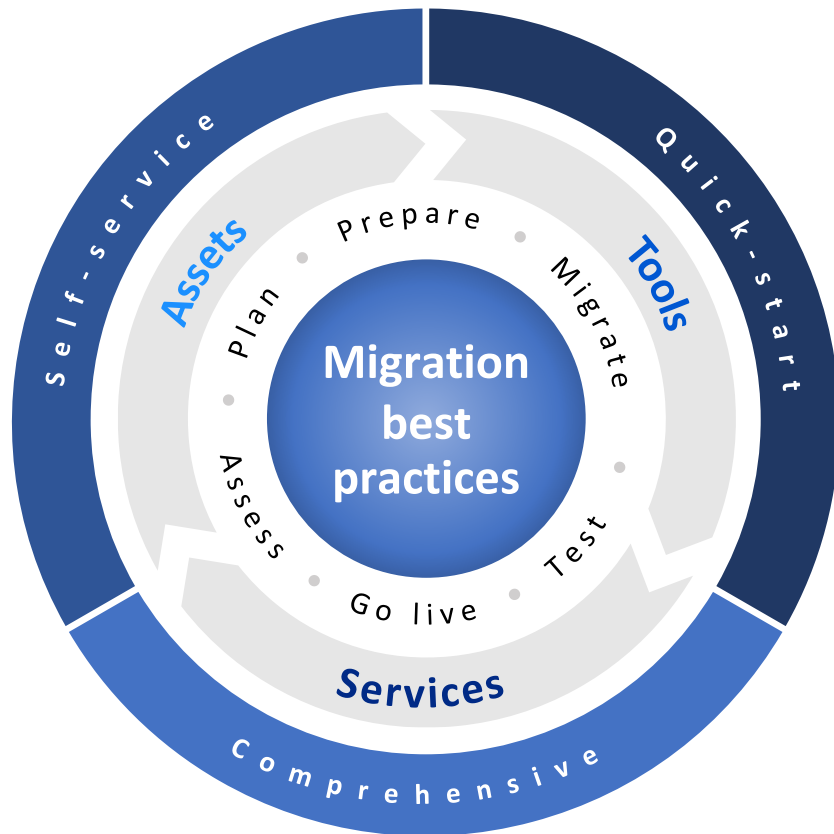
- **No** business disruption

Accelerate your migration with assets, tools, and services from SAP and partners

Take advantage of assets, tools, and services from SAP and partners

Migration best practices

Assets · Tools · Services

Self-service · Quick-start · Comprehensive

Plan · Prepare · Migrate · Test · Go live · Assess

SELF-SERVICE HELP

- **Assessment tools** to evaluate your existing environment and estimate efforts

- **Tools to automate migration and testing** from SAP and partners

- **Migration guides, documentation, and community content** to guide you through the migration lifecycle

- **Pre-built integrations** maintained by SAP

QUICK START PROGRAMS

- **SAP Migration Factory for SAP BTP – A free** 2-to 3-week program to help asses and plan your migration from **SAP Process Integration and SAP Process Orchestration to SAP Integration Suite**

- **Evolve Neo program – Free** access to SAP experts who help you plan and prepare your migration to SAP Integration Suite on SAP BTP, **Cloud Foundry** environment

- **SAP Service and Support,** offering SAP Integration Suite quick start and migration assistance with **short duration, low-cost engagements**

END-TO-END SERVICES

- **SAP Services and Support –** Tailored services across the migration lifecycle, **including implementation services**

- **Premium engagements** (such as SAP MaxAttention services), offering a customizable deep dive **SAP Process Integration and SAP Process Orchestration migration workshop** along with **proof-of-concept, health check** and **on-call go-live** support services.

Recent Innovations

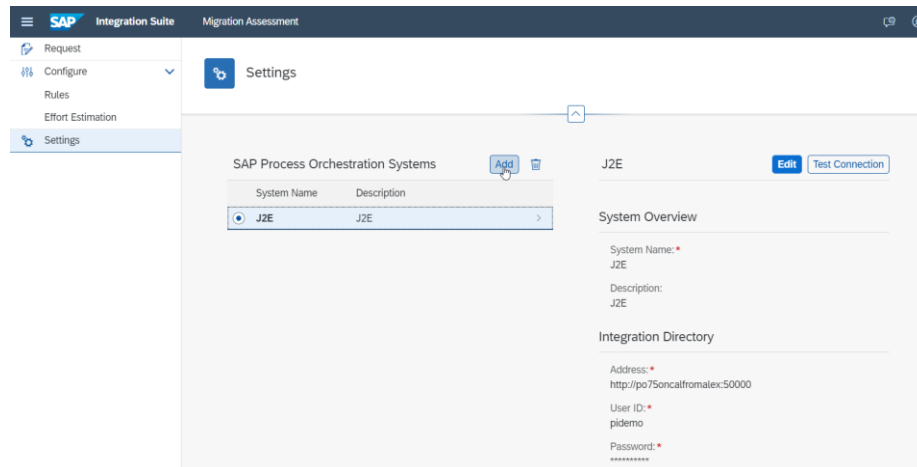# Migration assessment and migration tool – Recent innovations

1 **Migration assessment**

- New rules added

- Improved system settings

- Support for older SAP Process Orchestration releases 7.31 and 7.4

2 **Migration tool**

- Summary page improvements

- Further adapters supported: XI, JDBC, RFC, Mail

- Externalized parameters supported and improved migration templates

- Support for older SAP Process Orchestration releases 7.31 and 7.4
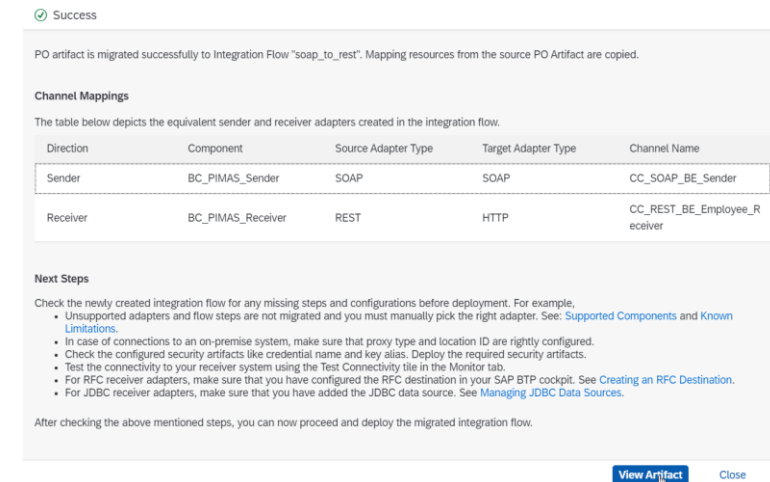
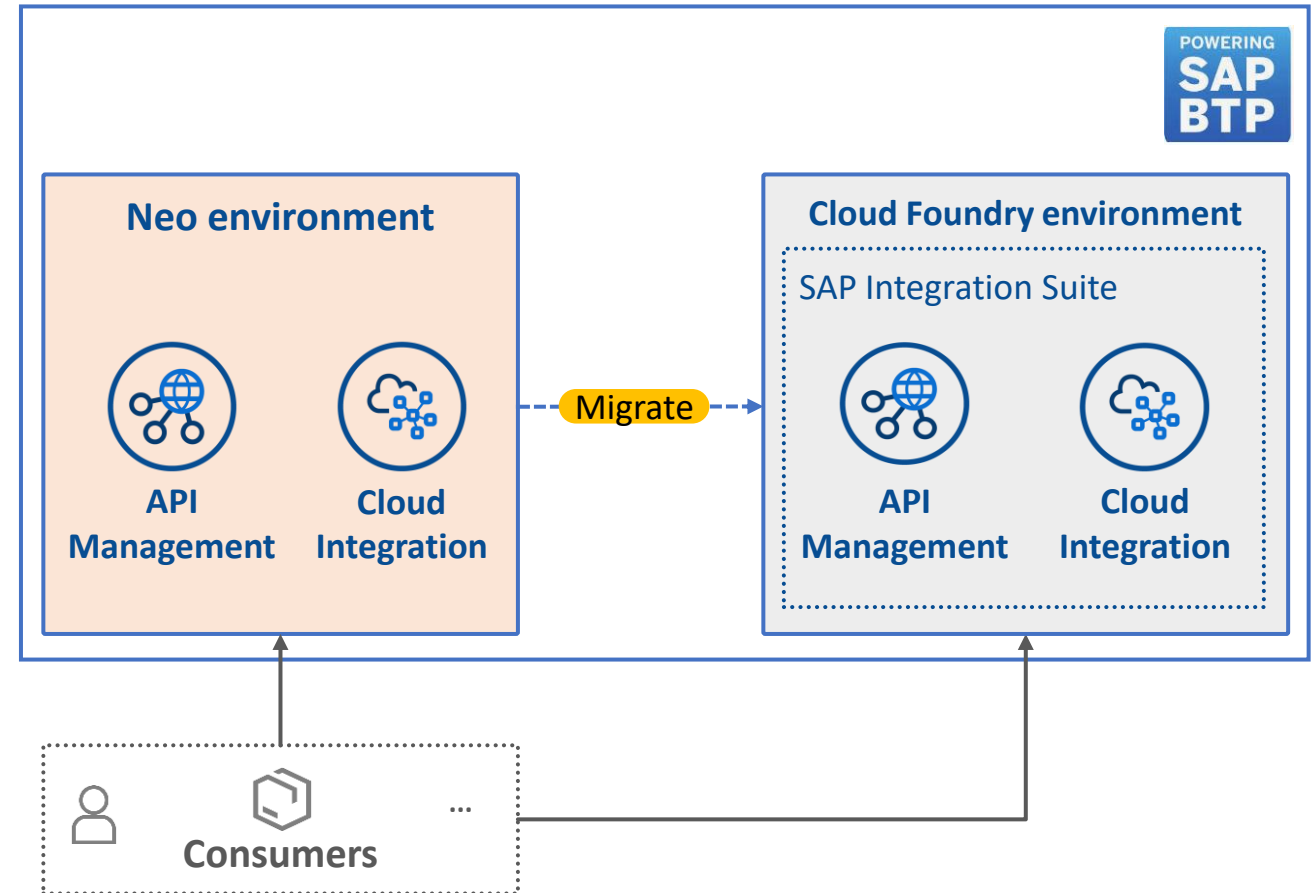# Migrate from Neo environment to Cloud Foundry environment

Migrate from the Neo environment to the Cloud Foundry environment

SOLUTION

- **Discover** – Perform assessment of existing environment
- **Prepare** – Provision a new SAP Integration Suite tenant
- **Migrate** – Execute deployment process to move integration artifacts from the source system to the target system
- **Validate** – Test the tenant with the migrated content before using it in a production landscape

BENEFITS

- Self-driven migration
- Planned move in phases
- Minimal downtime

POWERING SAP BTP

Neo environment

API Management

Cloud Integration

Migrate

Cloud Foundry environment

SAP Integration Suite

API Management

Cloud Integration

Consumers

Fast-track your move using migration accelerators

In scope for the accelerator

Cloud Integration – Custom and prepackaged integration content (unmodified or configure only) including configurations, value mappings, number ranges, local and global variables and data store content, custom tags, public certificates, user credentials metadata, and access policies

API Management – API products, API proxies, API providers, rate plans, policy templates, access control permissions for API products, applications, application developers, custom metric and charts, key value maps (unencrypted), measure codes for custom measures, and dimension codes for custom dimensions

Out of scope for the accelerator

Cloud Integration – Sensitive security-related data, message monitoring data, JMS queues data, tenant sizing, message store, partner directory, and known hosts

API Management – Certificates, encrypted key value maps, API provider passwords, monetization bills, quota counters, OAuth tokens for API proxy runtime calls, runtime states, configurations like cloud connectors, custom IDP, principal propagation, role assignments, and more
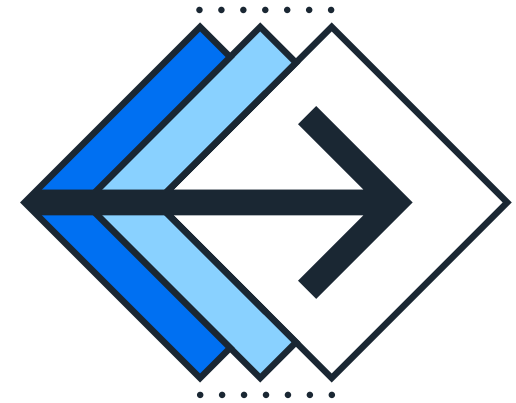
Accelerator for migration of design time artifact

Wrap up

- Integration is the cornerstone to SAP's strategic vision
- SAP is here to help migrate SAP Process Orchestration to SAP Integration Suite
  - Migration Assessment
  - Migration Tooling
  - Automated Testing
  - Professional Services
- SAP is here to help migrate all Neo services to Cloud Foundry
  - Migration Accelerators

Where to Find More Information

SAP Process Orchestration to SAP Integration Suite

- [SAP Process Orchestration Migration Factory](#)

- [Migration Guide for SAP Process](#)

SAP Cloud Integration on NEO environment to SAP Integration Suite

- [KB Note 2937549](#) - SAP Cloud Integration for process services: Content Migration from Neo Environment to Multi-Cloud Foundation

Key Points to Take Home

- SAP Process Orchestration will be at end of standard maintenance 31 December 2027.

- The strategic functional successor to SAP Process Orchestration is SAP Integration Suite.

- SAP BTP Neo environment will be shut down at the end of 2028.

Thank You. Questions?

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