



Mastering Advanced B2B Efficiency with SAP Integration Suite

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SAPinsider
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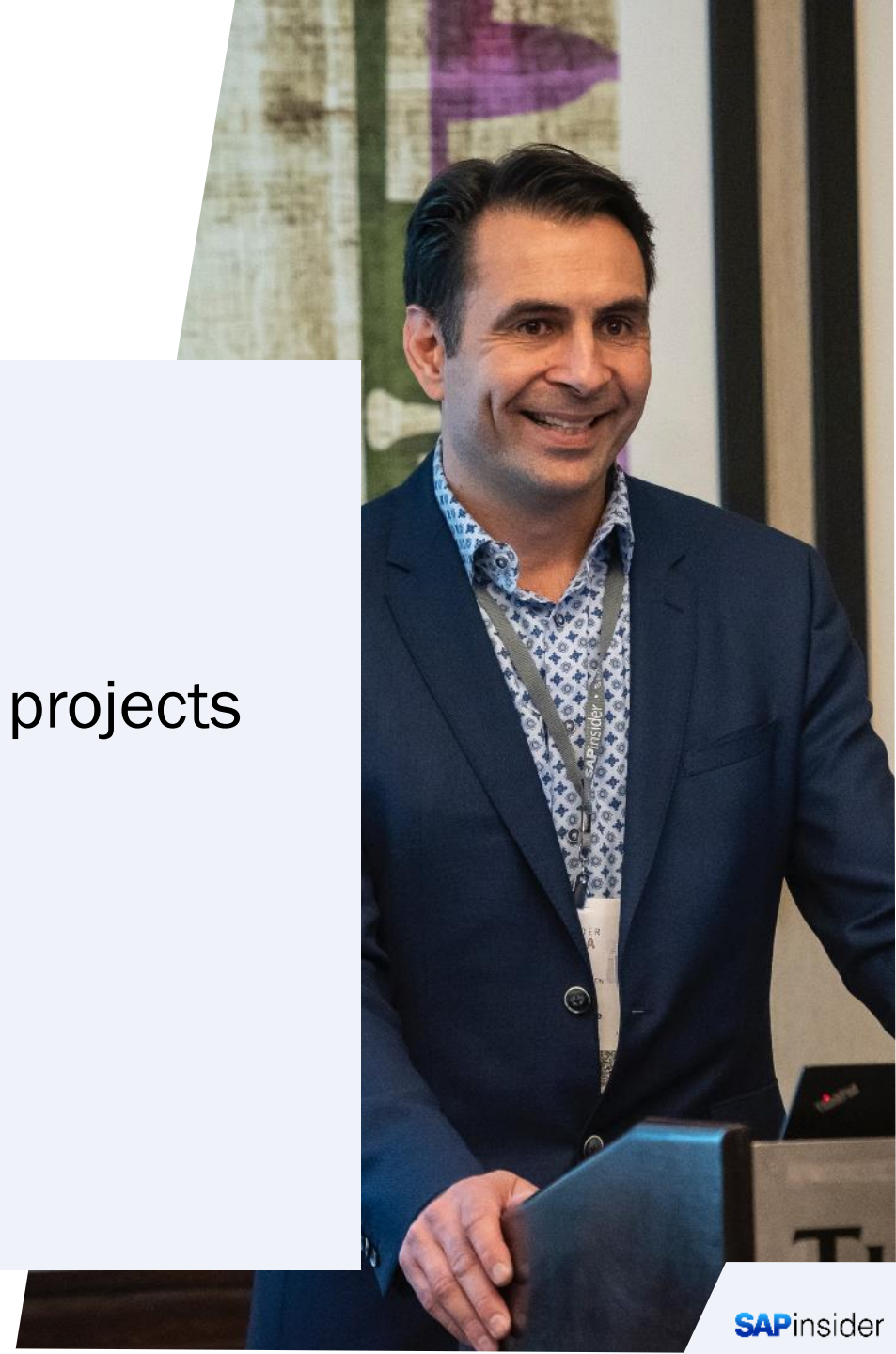


In This Session

- Understand the strategic value of integration
- Learn about top integration use cases delivering immediate business value
- Explore the diverse range of integration capabilities
- Acquire insights, best practices on getting started with SAP Integration Suite

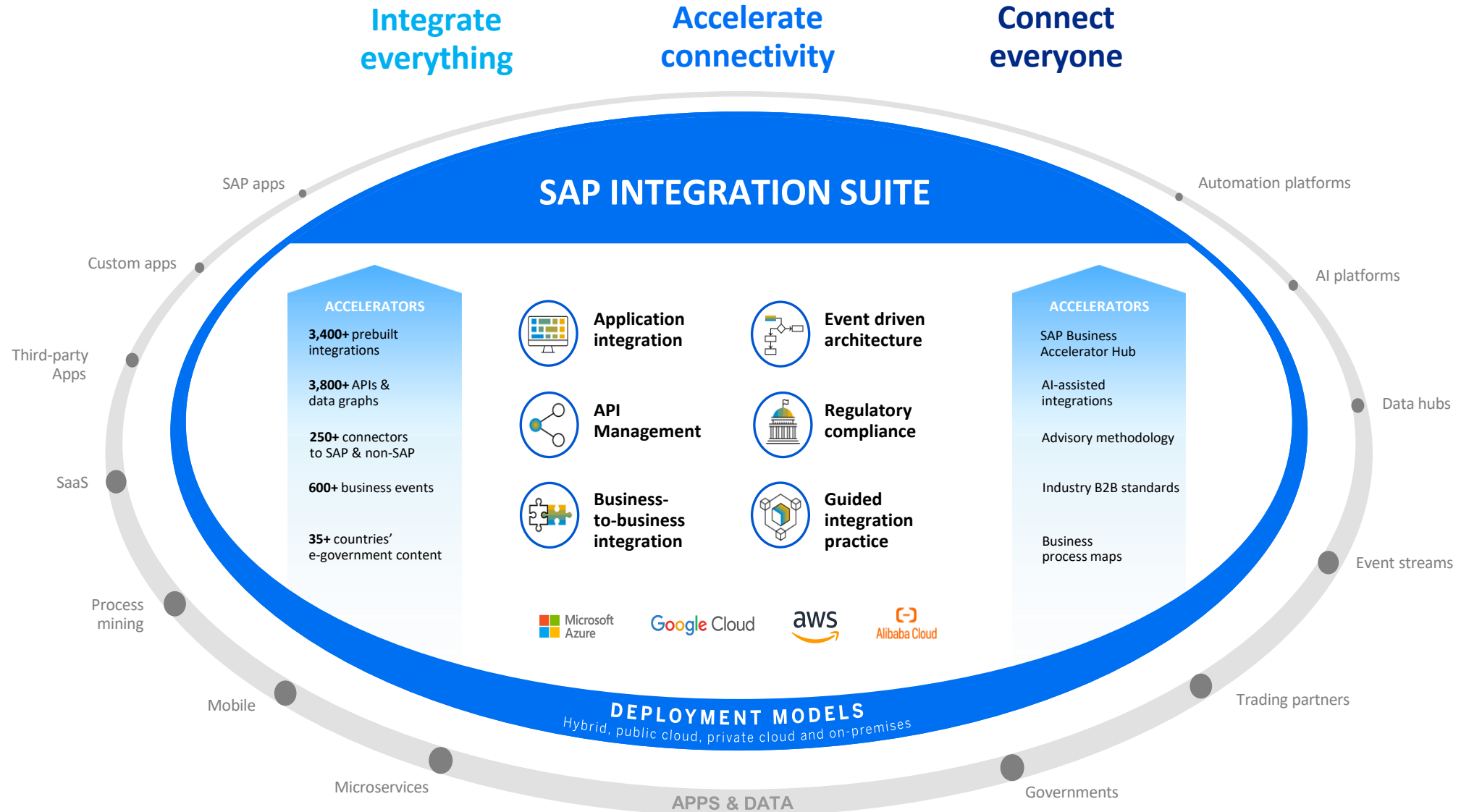
Agenda

- What is SAP Integration Suite
- Core capabilities for B2B
- Current situation in integration projects
- Integration Advisor
- Trading Partner Management
- Wrap up

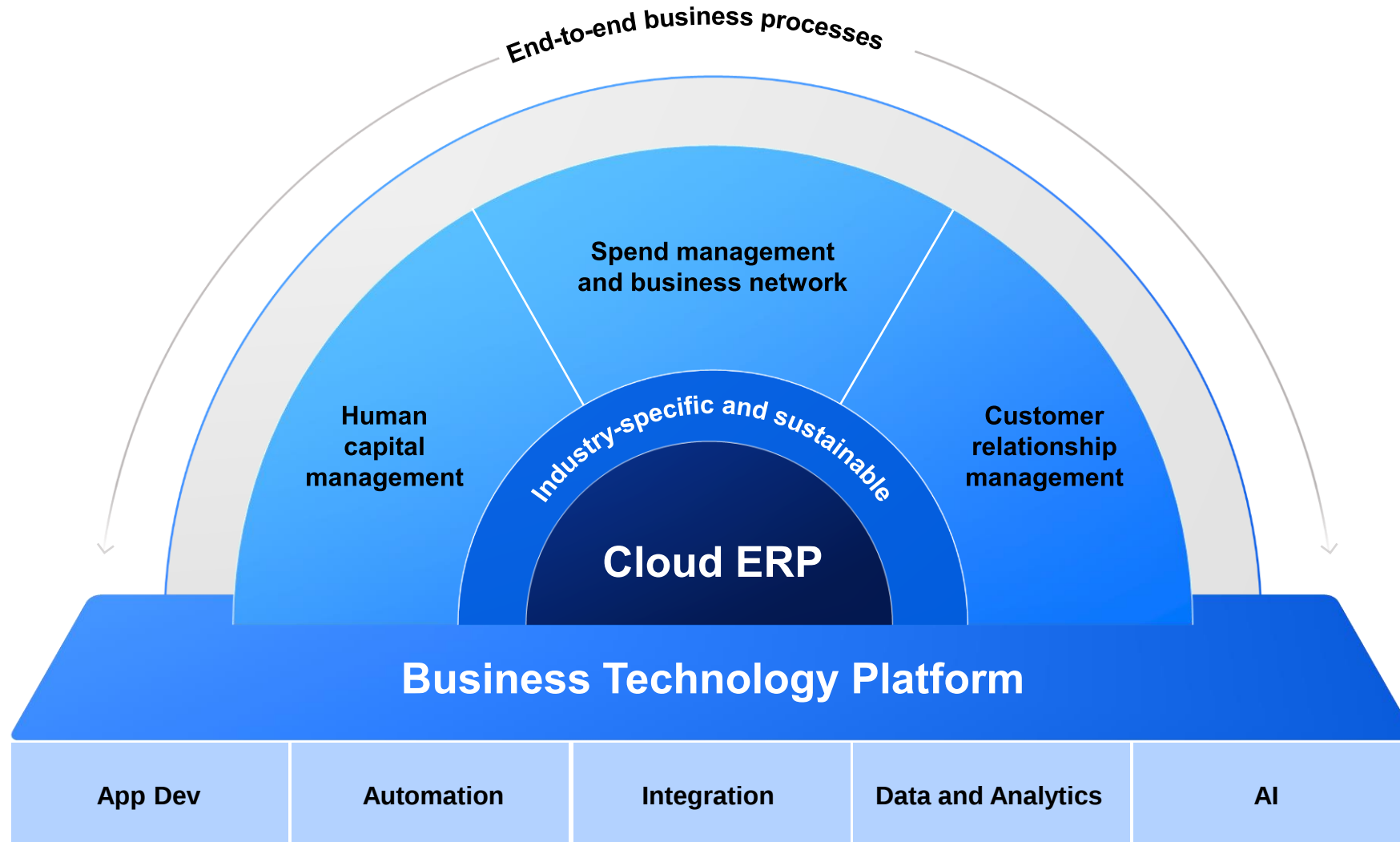


SAP Integration Suite Overview

Integrate everything to innovate now



SAP Integration Suite connects the intelligent, sustainable enterprise



B2B capabilities in SAP Integration Suite

Cloud Integration

Integrate applications and data across diverse landscapes everywhere.

API Management

Expose your data and processes as APIs. Manage E2E lifecycle.

SAP Business Accelerator Hub*

Jump-start integration projects with APIs, packaged integration content, and adapters.

Integration Assessment

Shape and execute your integration technology strategy.

Integration Advisor | TPM

Accelerate implementation and maintenance of B2B scenarios using machine learning.

Open Connectors

Accelerate connectivity to third-party applications.

SAP Event Mesh*

Enable applications, integration, and extensions to communicate asynchronously through events.

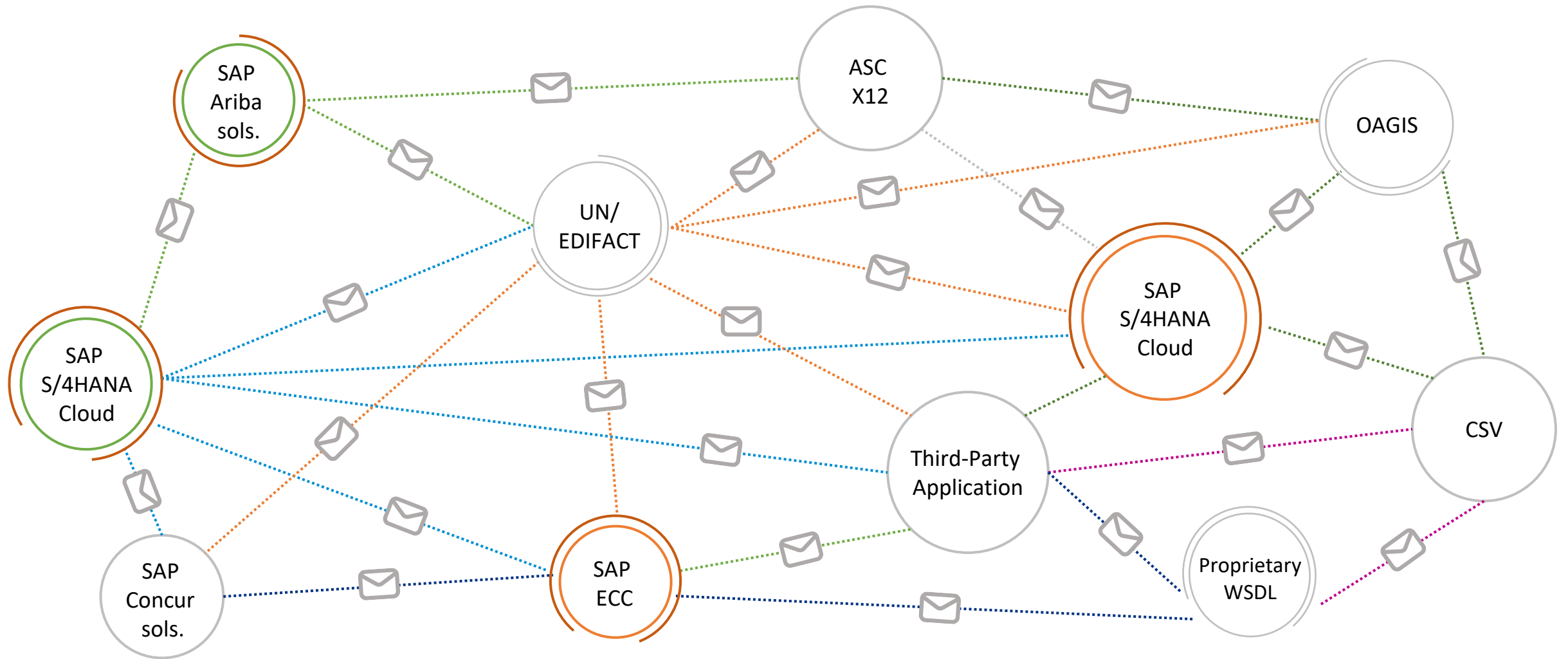
Migration Assessment

Modernize your integration platform by smoothly transition to the cloud from SAP Process Orchestration software.

SAP Integration Suite, advanced event mesh

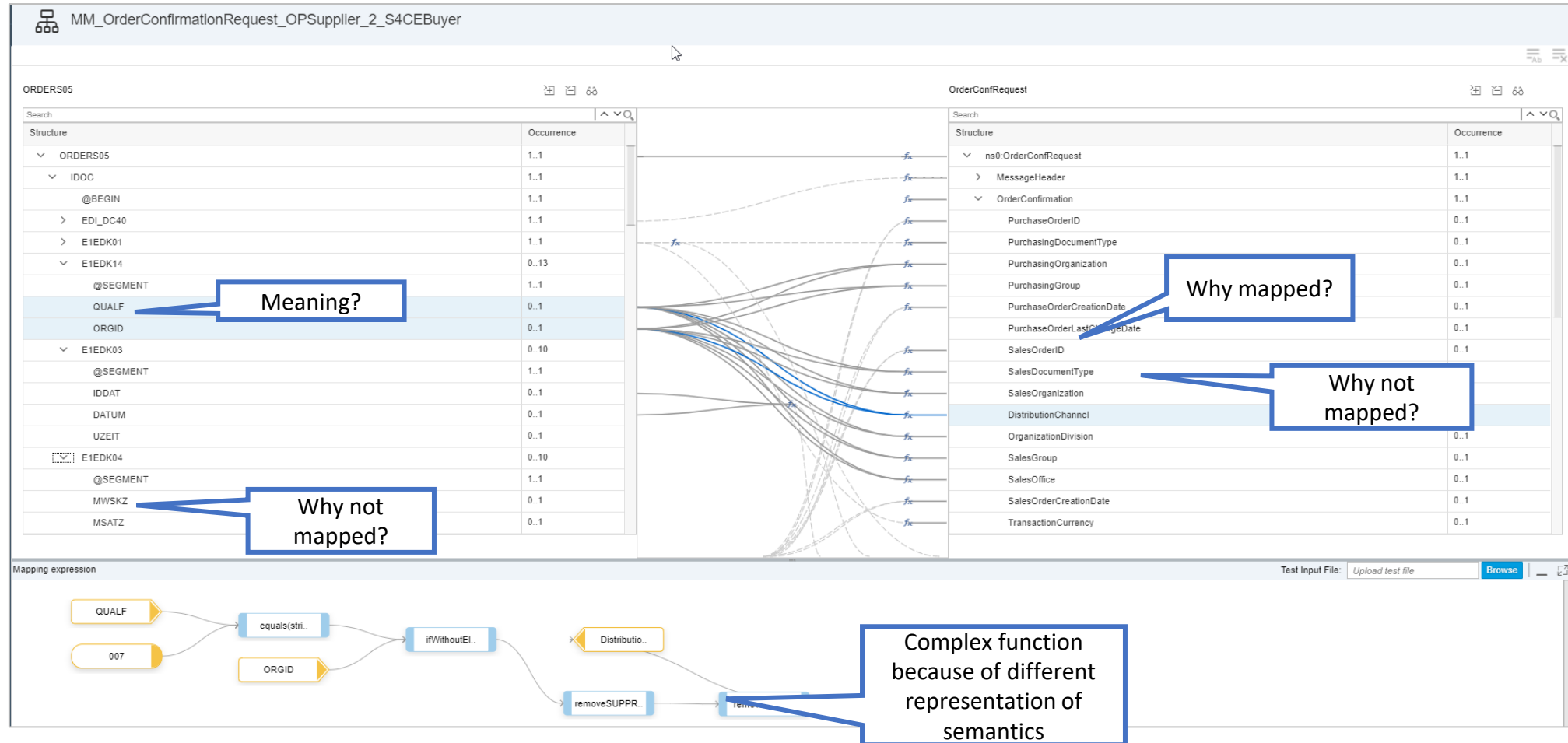
*SAP Event Mesh capability within SAP Integration Suite planned for Q3 2023, subject to change

Reality: Integrate B2B in heterogeneous landscapes

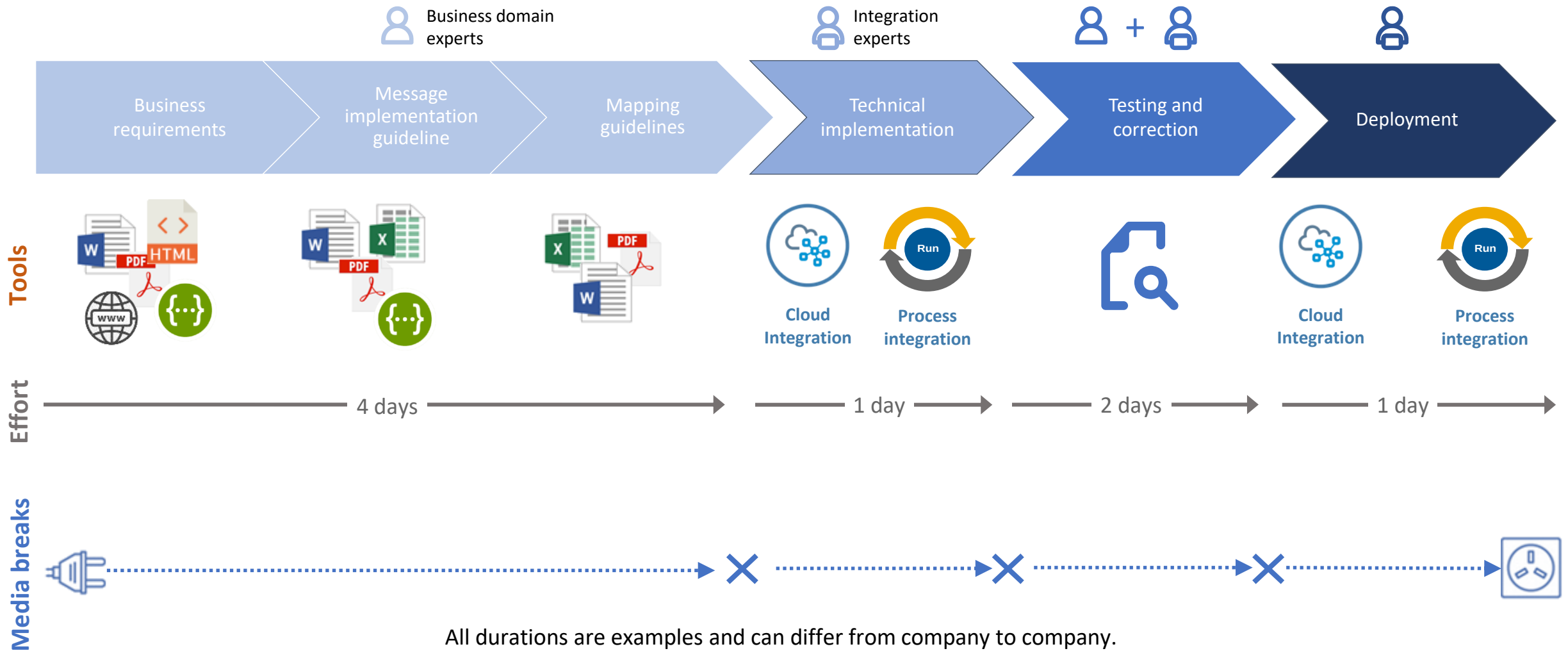


Variety of communications and B2B content

Technical mapping in current middleware solutions



Typical end-to-end flow for building B2B integration

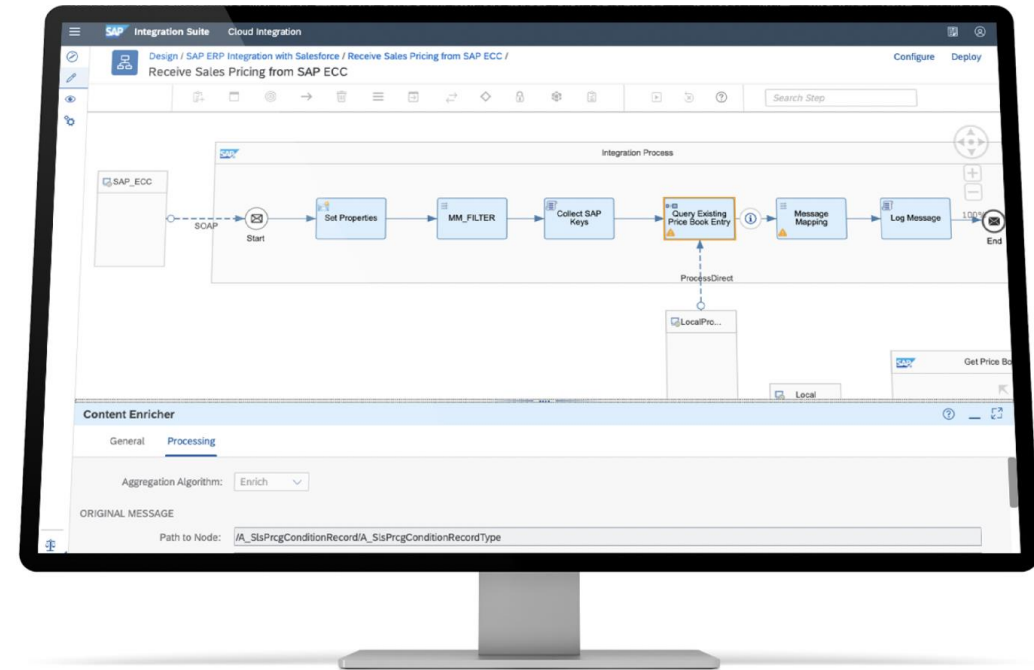


Current situation in integration projects

Cloud Integration

Cloud Integration

- Diverse integration scenarios
 - Link processes and data using both application-to-application and business-to-business integration scenarios.
- Multiple endpoints
 - Integrate various SAP and third-party applications and data sources based either on premise or in the cloud.
- Prepackaged content
 - Leverage **3,400+** prebuilt integrations to simplify integration between SAP and third-party applications and data sources
- Customize integration
 - Extend our preconfigured integration scenarios to include your own custom requirements



Integration Advisor

Integration Advisor

Main components

Library of type systems

Library of predefined or standardized reusable data types

Message implementation guideline (MIGs)

Functional specification describing the (source or target) structure of the customized interface

Mapping guidelines (MAGs)

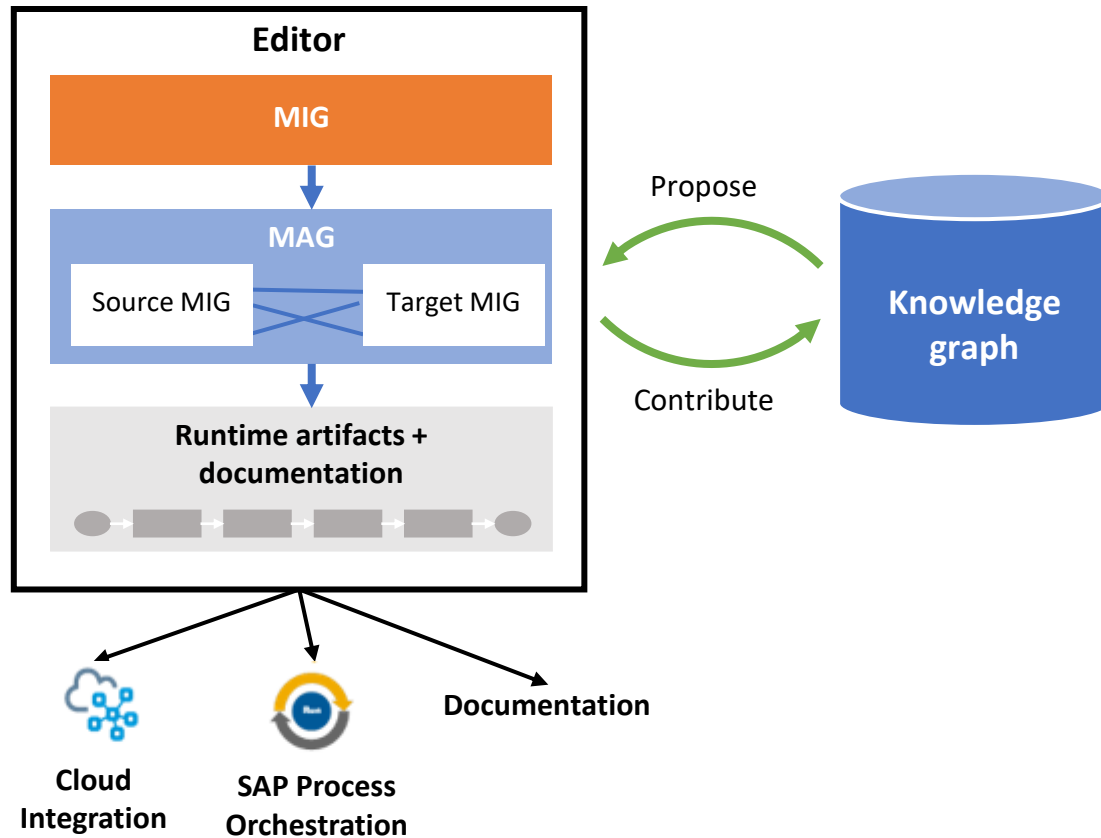
Specification of a mapping between a source and target MIG

Artifacts

Deployable scripts and schemas and documentation

Integration Advisor

How all the pieces work together



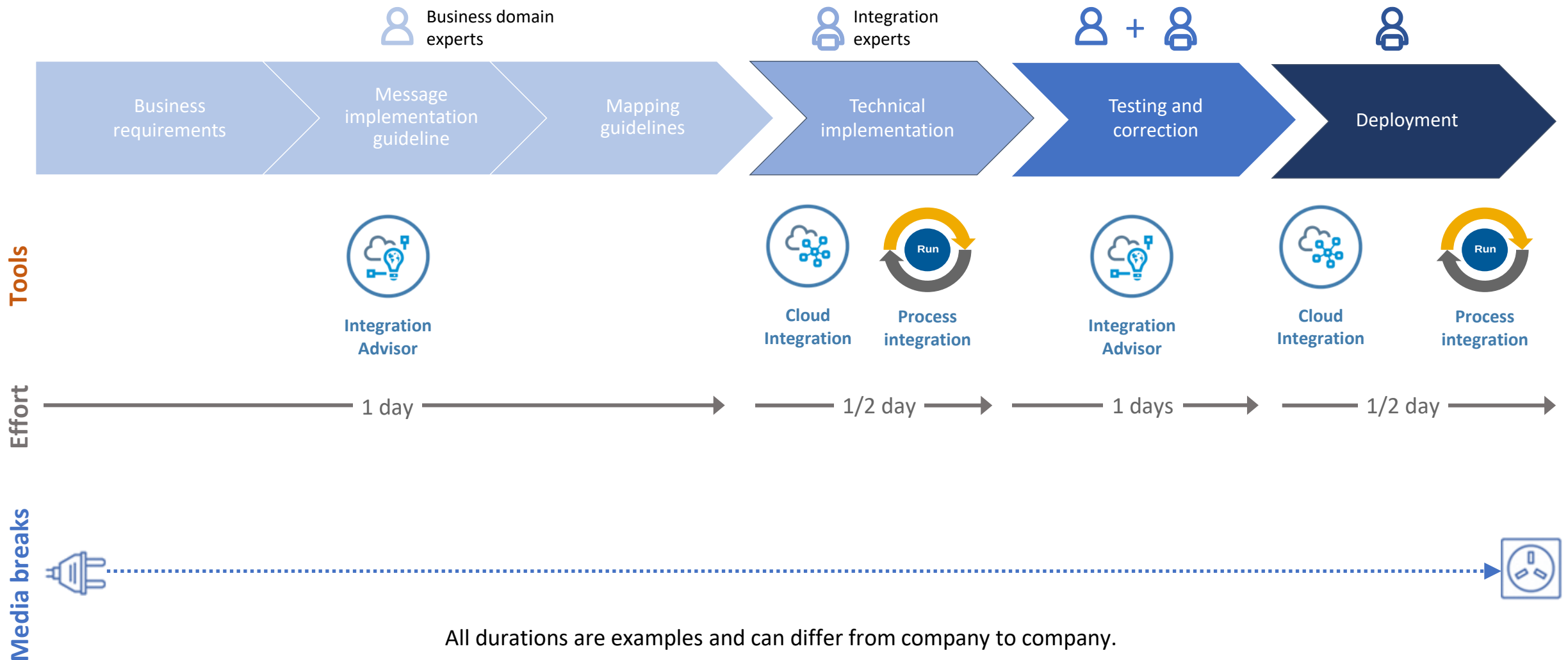
Crowd-sourcing capabilities for business-oriented interfaces and mappings

- **Machine learning** approach that helps you to get prebuilt proposals ready to start your integration projects without the need for deep domain knowledge; reduces your efforts by **60%+**
- Central integration knowledge base for integration wherein all **crowdsource-based learning** from interface customizations and mappings are stored – With **international** and **SAP standards**
- **Automatic generation** of documentation and runtime artifacts
- **Community collaboration** for creating and maintaining tailored integration interfaces and mappings

This functionality is unique in the market and protected by various patents held by SAP.

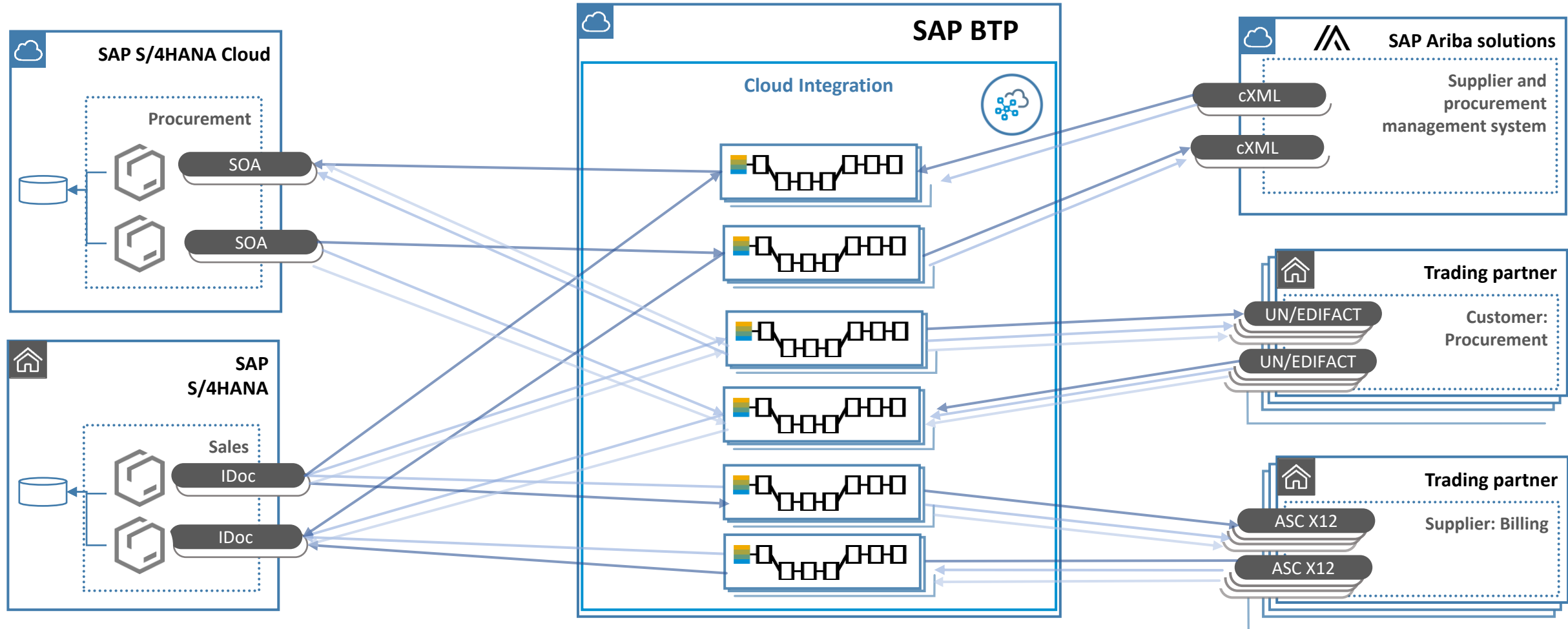


Content generation based on Integration Advisor



Trading Partner Management

Considerations on current approach



Every trading partner has their own customized message interface and requirements, usually based on different B2B standards.

Integration Advisor and Trading Partner Management at a glance

Integration Advisor definition and documentation of interfaces, mappings

- Central documentation of B2B and SAP libraries
- Intelligent and crowd-sourced proposal service

Trading Partner Management

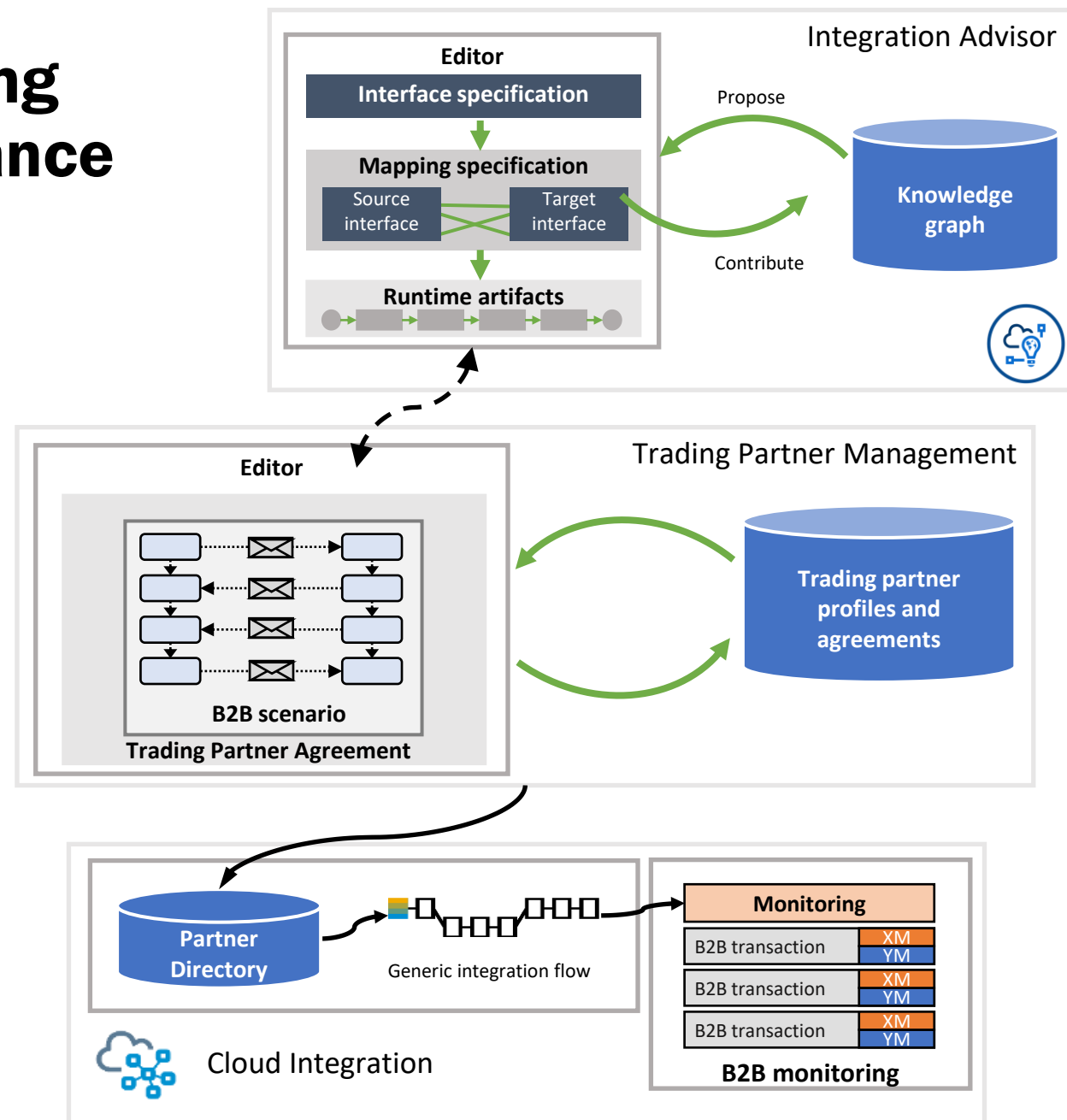
- Creation and maintenance of B2B scenarios
- Consideration of individual aspects and requirements per trading partner
- Push B2B scenario configuration to partner directory

Cloud Integration

- Stores configuration in partner directory
- Processes B2B transactions with one integration flow

B2B monitoring

- Monitors the B2B transactions at runtime in corporation with trading partner agreement data



Trading Partner Management Entities

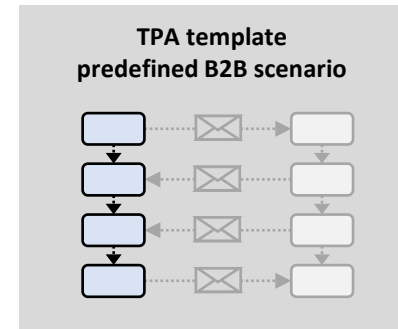
Company profile



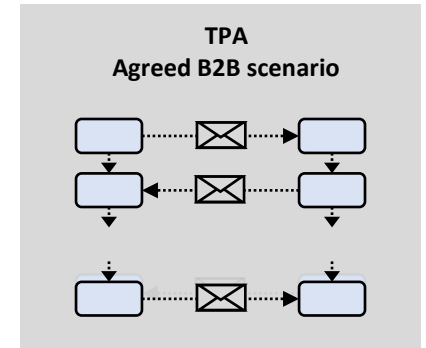
Trading partner profiles



Agreement templates



Agreements



Trading Partner Management

Company and trading partner profiles

Company overview and related details for B2B scenarios

- Company partner profile for tenant owner company
- Trading partner profile for all companies with whom the owner company does B2B

Company overview information

- Address
- Contact person(s)
- Business context

B2B scenario-related details

- Identifiers used in B2B interchanges for identifying sender and receiver
- Business system access information
- Communication parameters
- Certificates
- Supported document standards (type systems) and versions
- Interchange and envelope handling configuration
- Number range configuration
- Used message implementation guidelines
- General reusable parameters

Company profile



Trading partner profiles



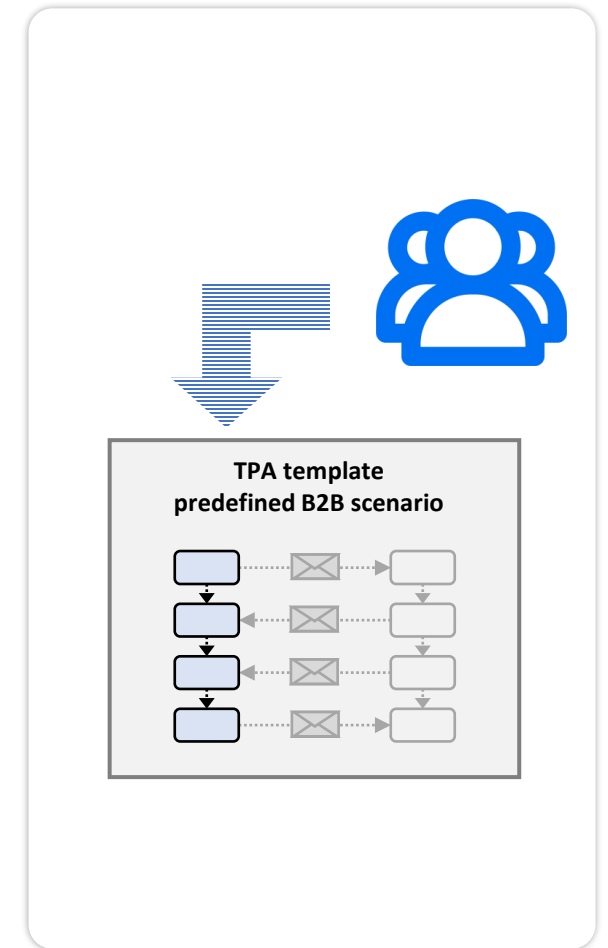
Trading Partner Management

Agreement template

Tenant owner company view of trading partner agreement

- Defines the required choreography of interchanges
- Addresses the required order of which interchange will send or should be received
- Is based on one- and two-way business transactions
- Considers owner company's system and communication configuration derived from company partner profile
- Refers to relevant own MIGs

Template for creation of the trading partner agreements with trading partners



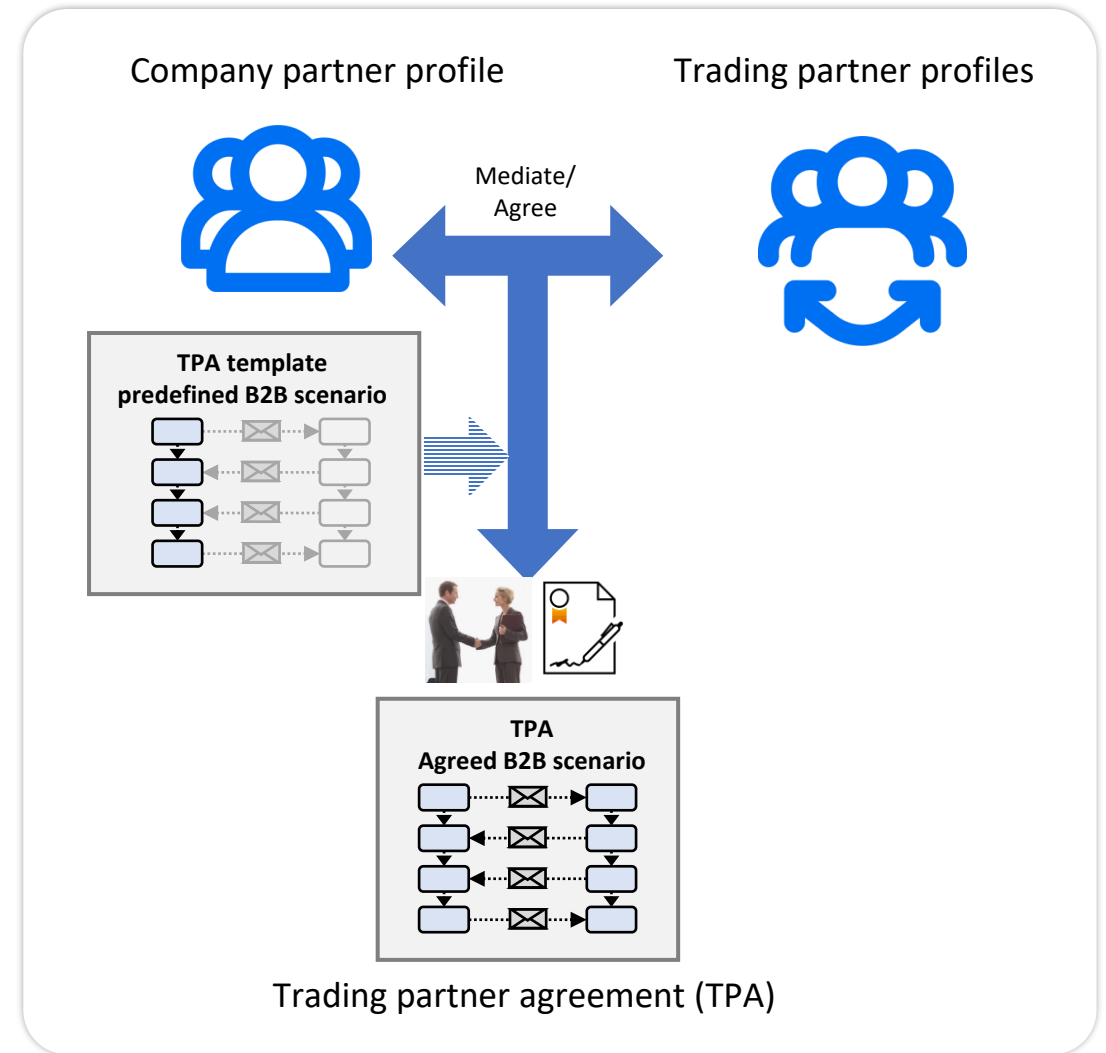
Trading Partner Management Agreements

Based on TPA template

Agreed choreography (B2B scenario)

- Initiating and responding business system
- List of business transactions
- Involved IA artifacts
- Interchange handling
- Quality of services

Used to generate the relevant runtime and monitoring artifacts that will be pushed to the partner directory



Why Integration Suite?

Partner with SAP to integrate and innovate now

650,000+

Integrations deployed

24,000+

Instances provisioned

200,000+

Systems and applications
connected thru Integration
Suite

3,400+

Pre-built integrations to
accelerate integrations

3,800+

Ready to use APIs in SAP
Business Accelerator Hub

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



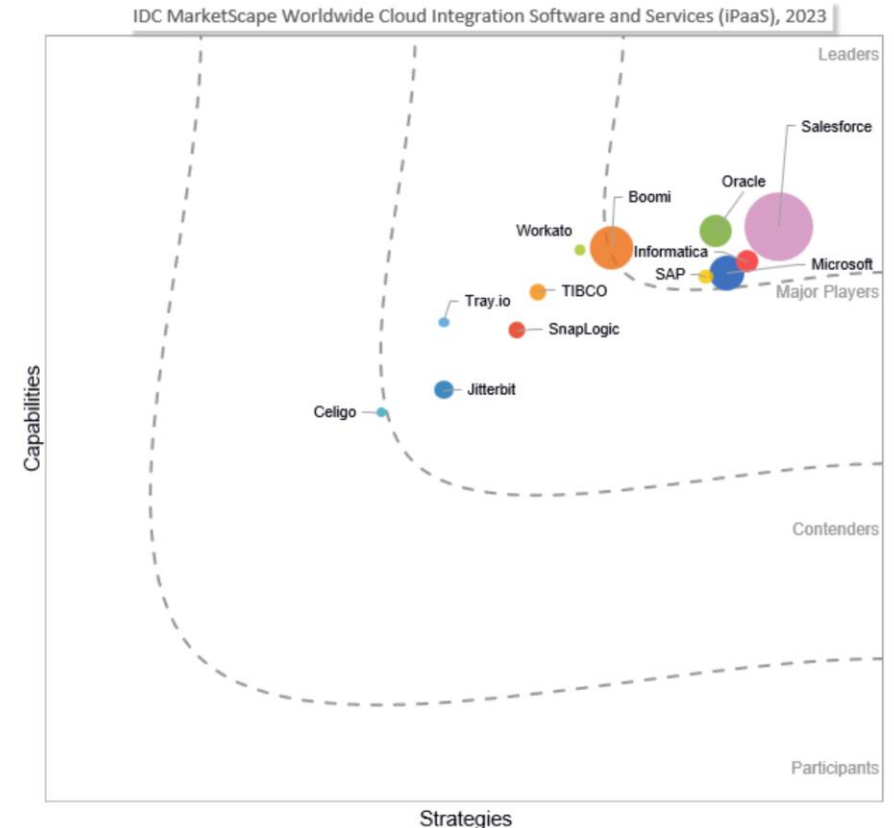
Source: Gartner (January 2023)

Choose leading cloud Integration software and services

SAP recognized as a Leader in the 2023 IDC Marketscape™

“SAP Integration Suite has strong AI capabilities including interface and mapping proposal service based on AI and machine learning, speeding up the development of new connections.”¹

[Read the excerpt](#)



IDC MarketScape vendor analysis model is designed to provide an overview of the competitive fitness of ICT suppliers in a given market. The research methodology utilizes a rigorous scoring methodology based on both qualitative and quantitative criteria that results in a single graphical illustration of each vendor's position within a given market. The Capabilities score measures vendor product, go-to-market and business execution in the short-term. The Strategy score measures alignment of vendor strategies with customer requirements in a 3-5-year timeframe. Vendor market share is represented by the size of the icons.

¹“IDC MarketScape: Worldwide Cloud Integration Software and Services (iPaaS) 2023 Vendor Assessment”, #US50244723, IDC, 2023

The Total Economic Impact™ of SAP Integration Suite

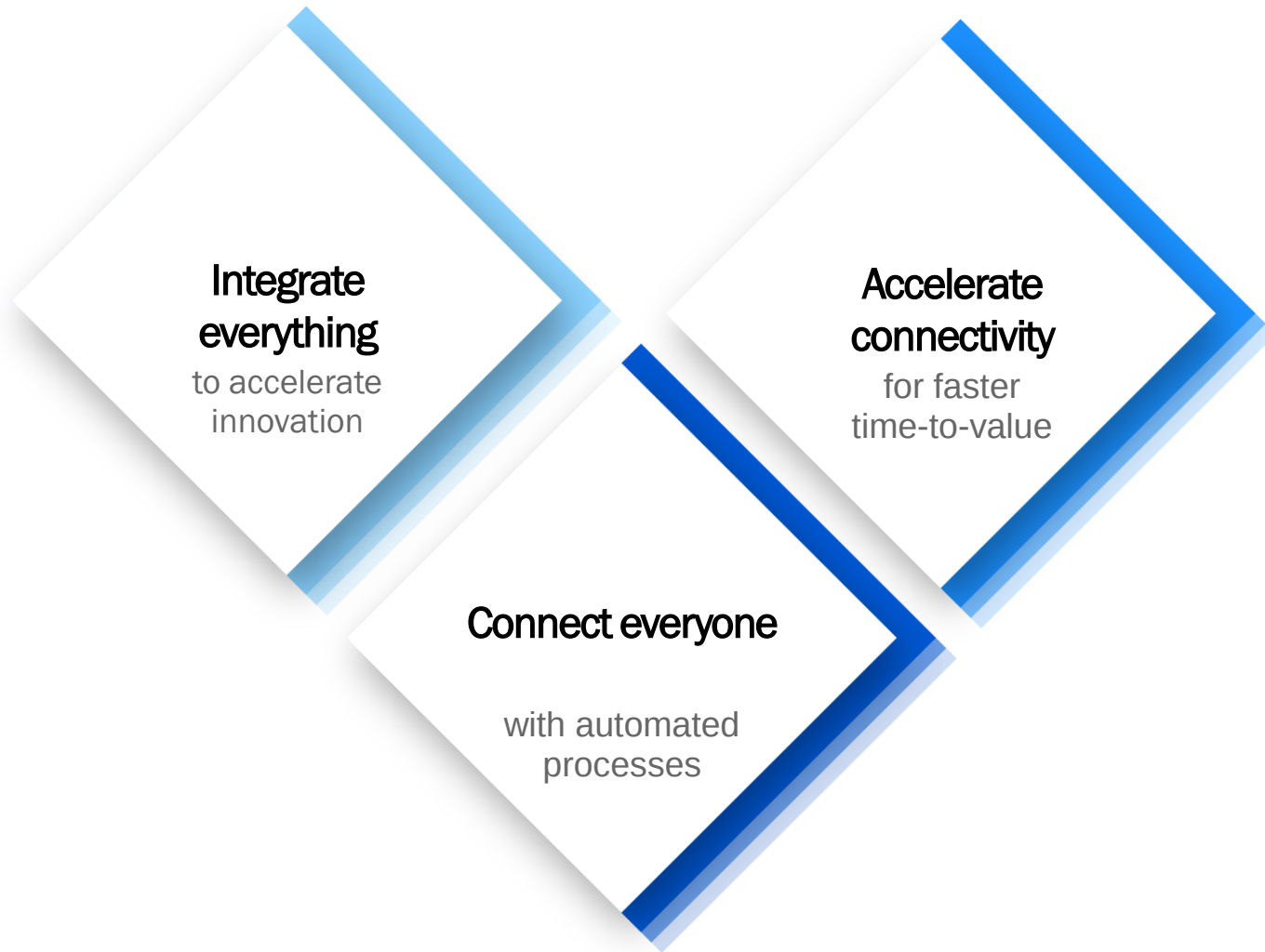
A study of five multinational organizations achieved a composite **278% ROI over three years** with a payback period in less than 6 months by investing in **SAP Integration Suite**.¹

[Download the Study](#)



¹The Total Economic Impact™ of SAP Integration Suite, a commissioned study conducted by Forrester Consulting on behalf of SAP, March 2022

Wrap up: next steps with SAP Integration Suite



[Learn more on your personalized Integration Space](#)

[Learn about SAP Integration Suite on SAP.com](#)

[Access the Gartner Magic Quadrant](#)

[Access the IDC MarketScape](#)

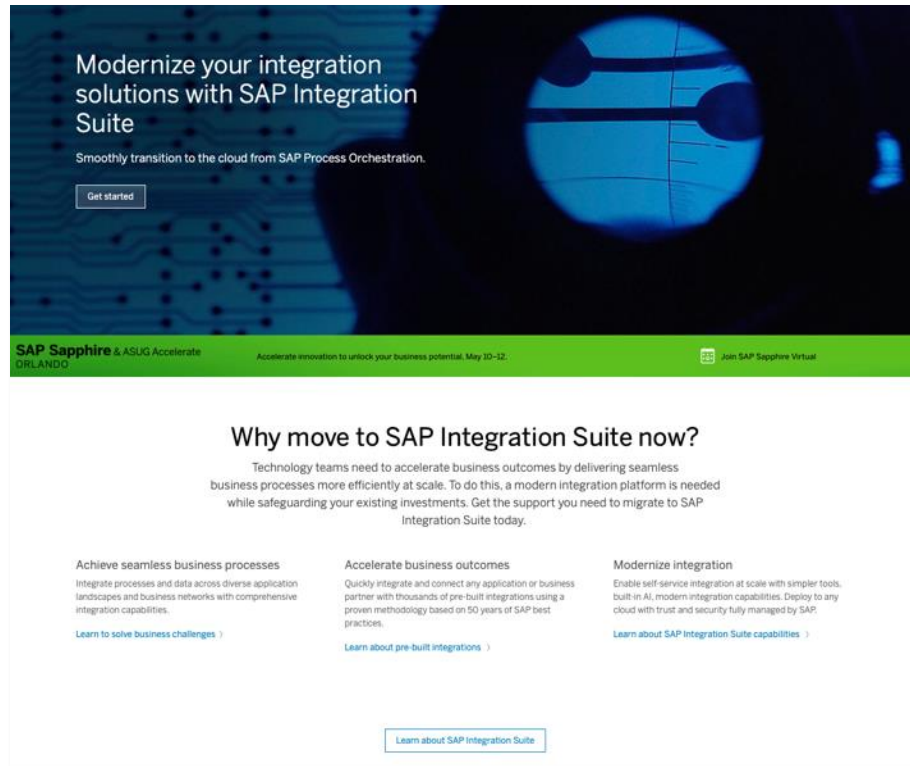
[Download the Forrester Study](#)

[Hear from your peers](#)

[Get hands-on with SAP Integration Suite](#)

[Discover APIs and other integration accelerators](#)

Find out more



[Get support migrating to SAP Integration Suite](#)

Detailed self-service content and programs to support SAP Process Integration & Orchestration customers move to SAP Integration Suite

Learn about SAP Integration Suite

Check out the sap.com/integration website, which has valuable resources for fast-tracking your knowledge of SAP Integration Suite and to help you get the highest quality answers quickly and easily from SAP experts

Engage our community

<http://community.sap.com/topics/integration-suite>

Free tier

[SAP Business Technology Platform free tier](#)

Customers

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Roadmap

[SAP Integration Suite roadmap](#)

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Key Points to Take Home

- SAP Integration Suite provides B2B capabilities
 - Cloud Integration
 - Integration Advisor
 - Trading Partner Management (TPM)
- Cloud Integration supports complex heterogeneous landscapes
- Integration Advisor has ML approach and has crowd-sourced capabilities for interfaces and mappings
- TPM supports creation and maintenance of B2B scenarios for different trading partners
- B2B monitoring is supported

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