Introduction to Integration Advisor

Gunther Stuhec, SAP
June, 2020

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Agenda

Integration Content Building - Current Situation

Integration Advisor’s Approach

Integration Advisor Enablement, Roadmap and Information

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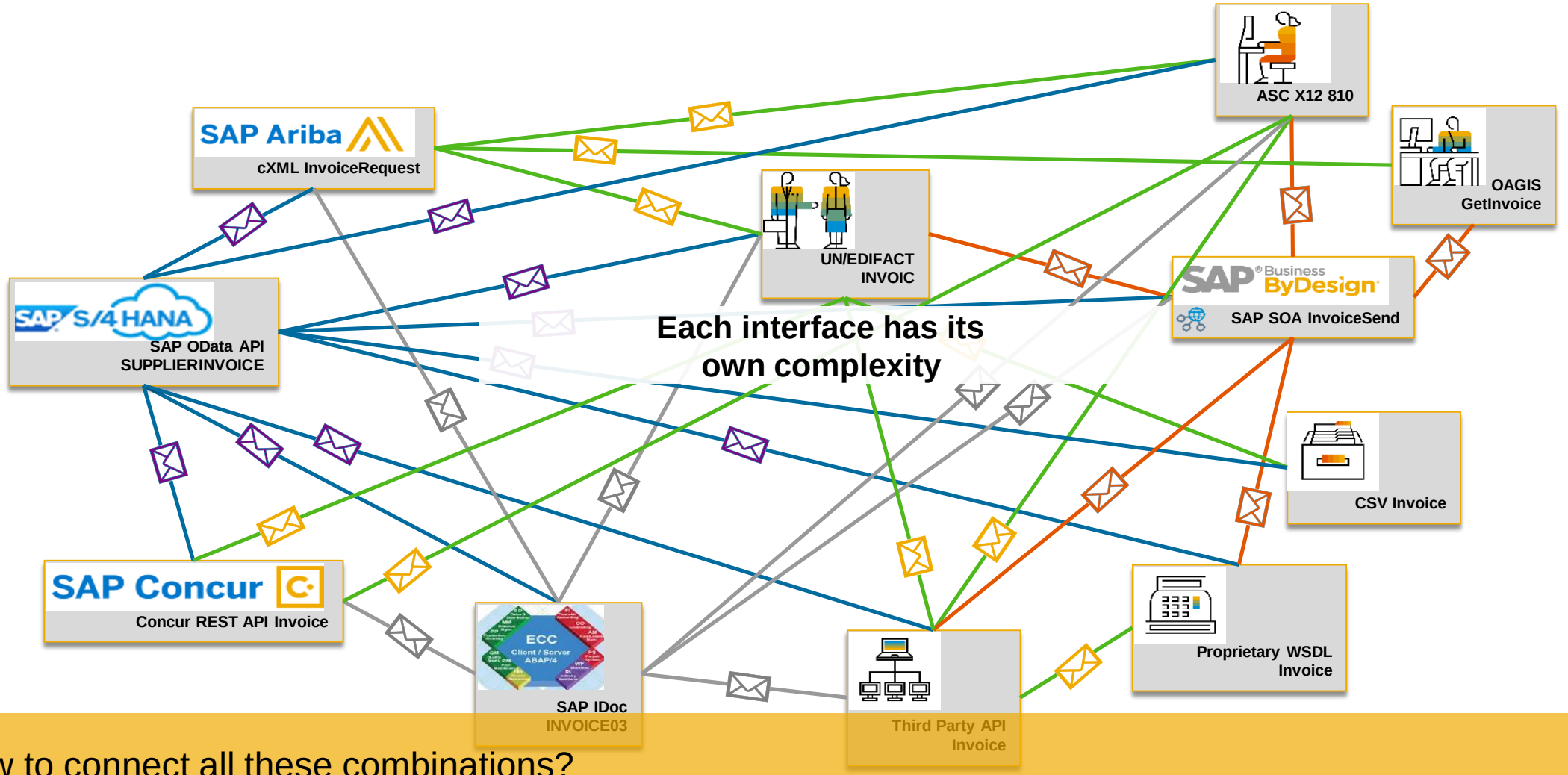
Integration Content Building
Current Situation

Reality: Integrate APIs/interfaces in heterogeneous landscapes



How to connect all these combinations?

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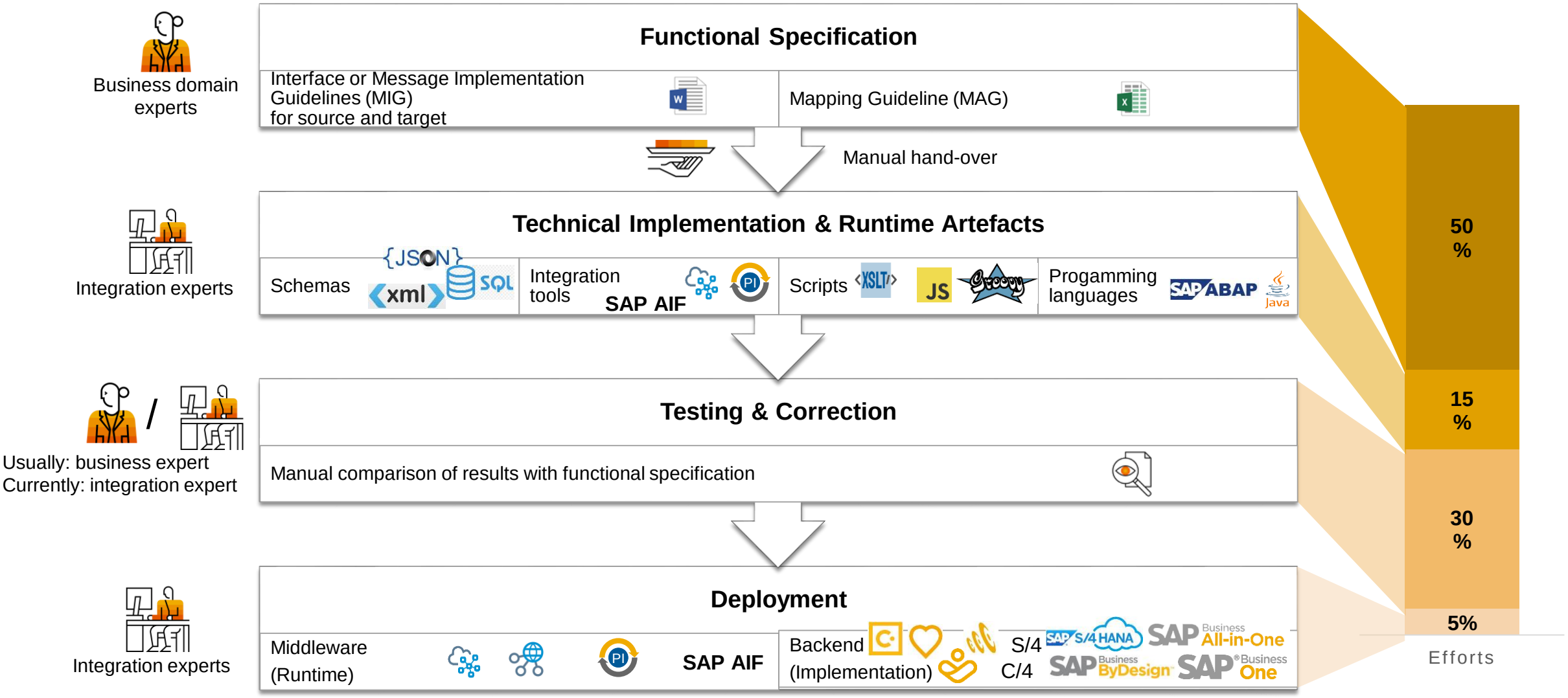
Current Situation: Design Time – Manual and Redundant Work



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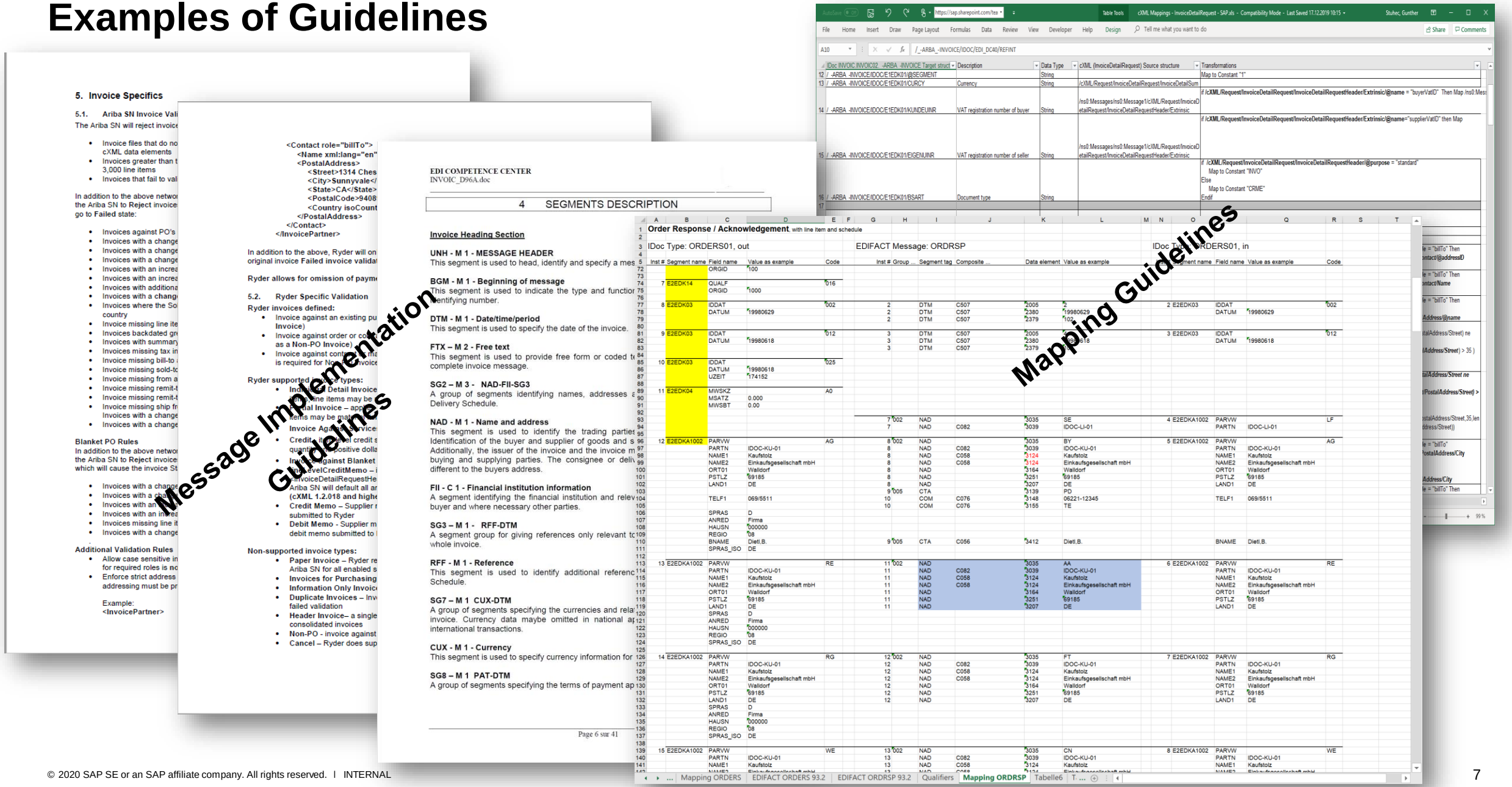
Examples of Guidelines



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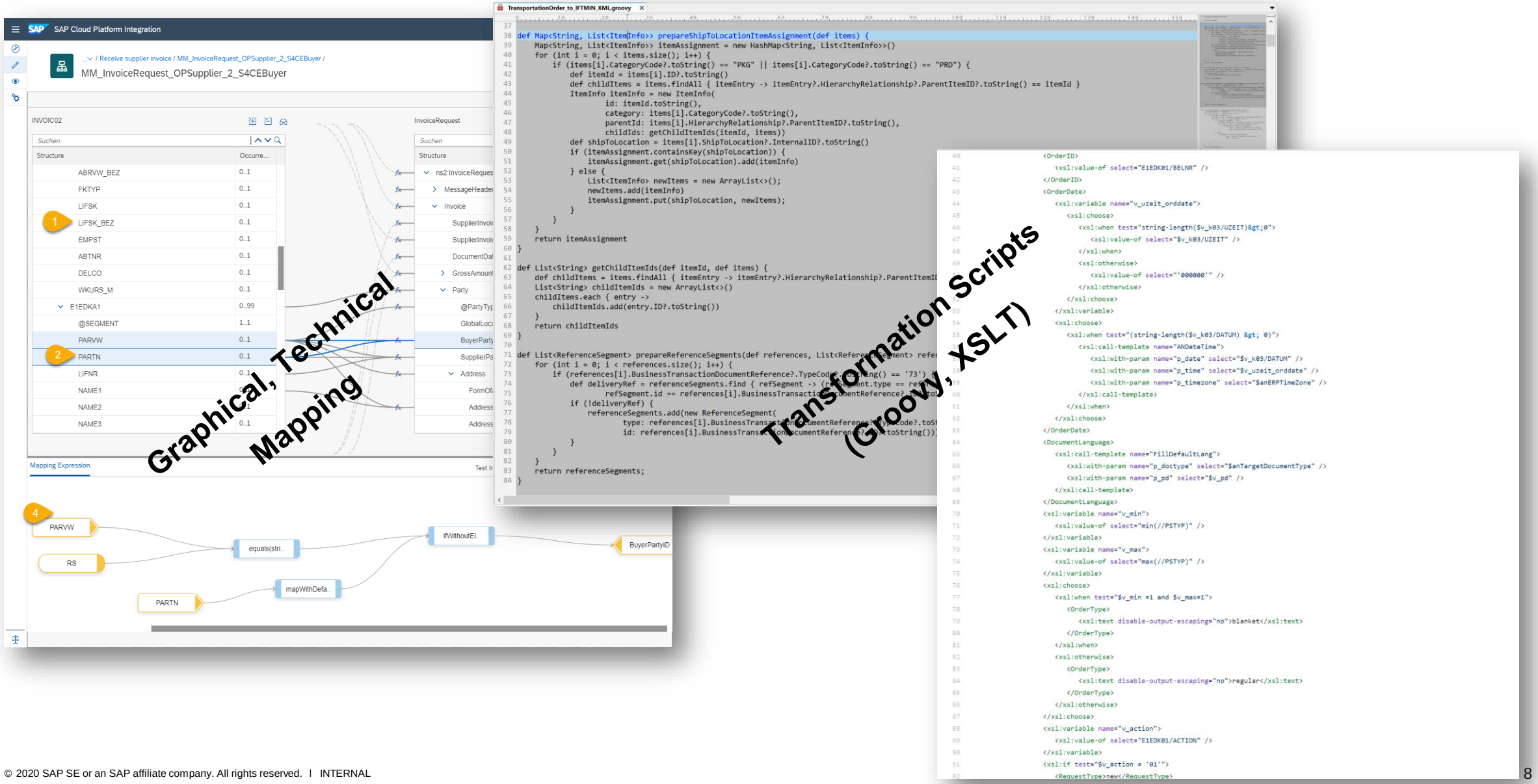
Technical Implementation: Message Mapping



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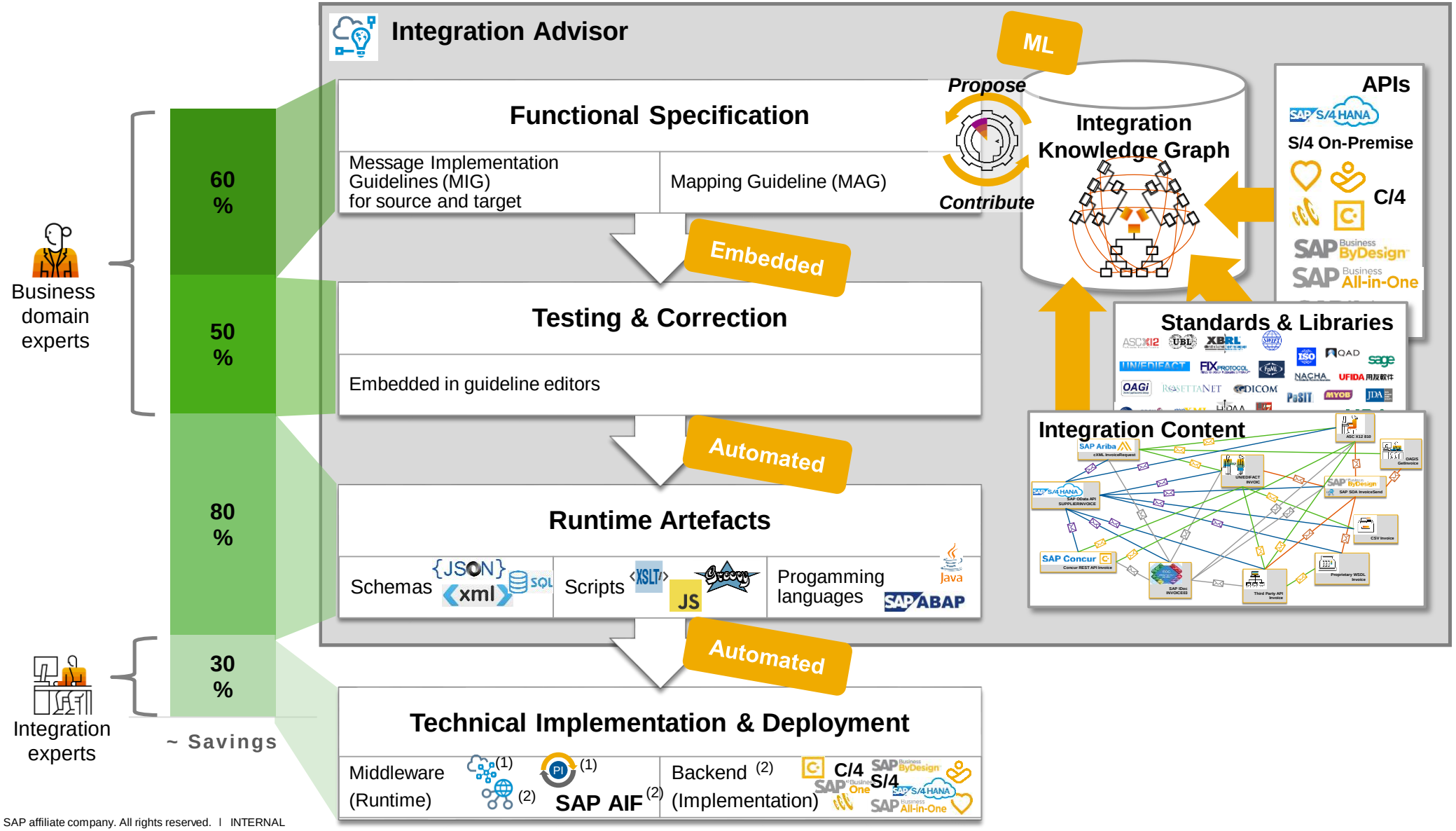
Integration Advisor’s Approach

The Integration Advisor Approach



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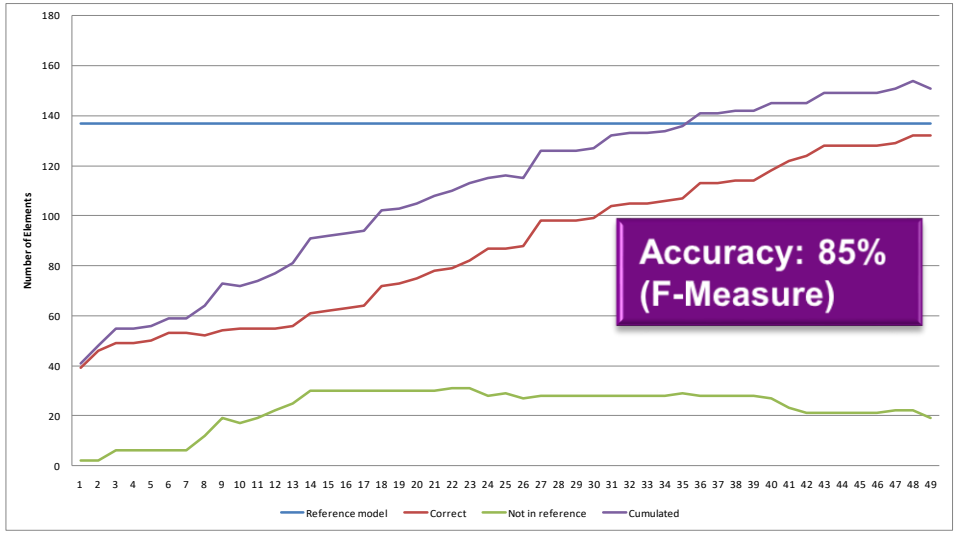
Learning Curve after 50 Contributions

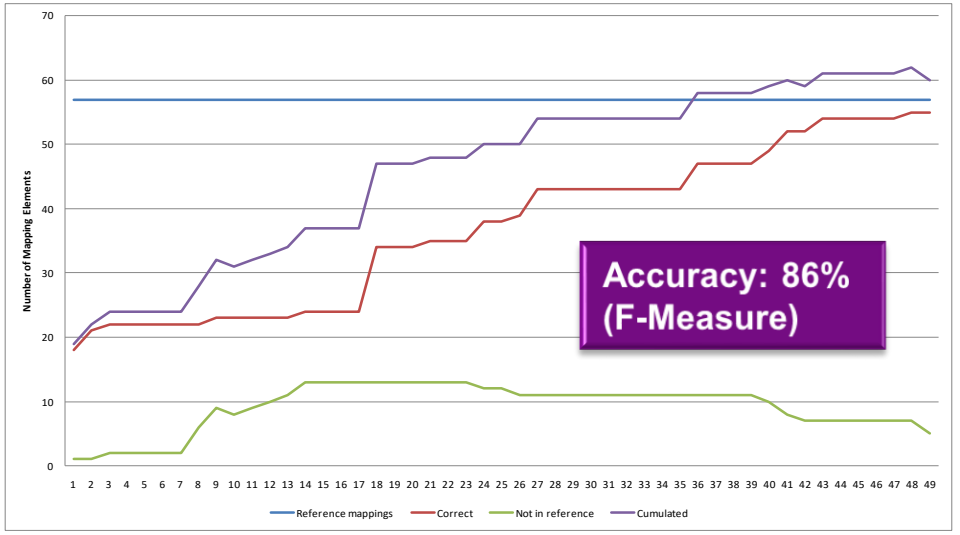
Interface proposal in business context

- Purchase Order
- Wholesaler industry / grocery
- Buyer / seller
- Germany / switzerland



Mapping proposal

- Purchase Order
- Wholesaler industry / grocery
- Buyer / seller
- Germany / switzerland



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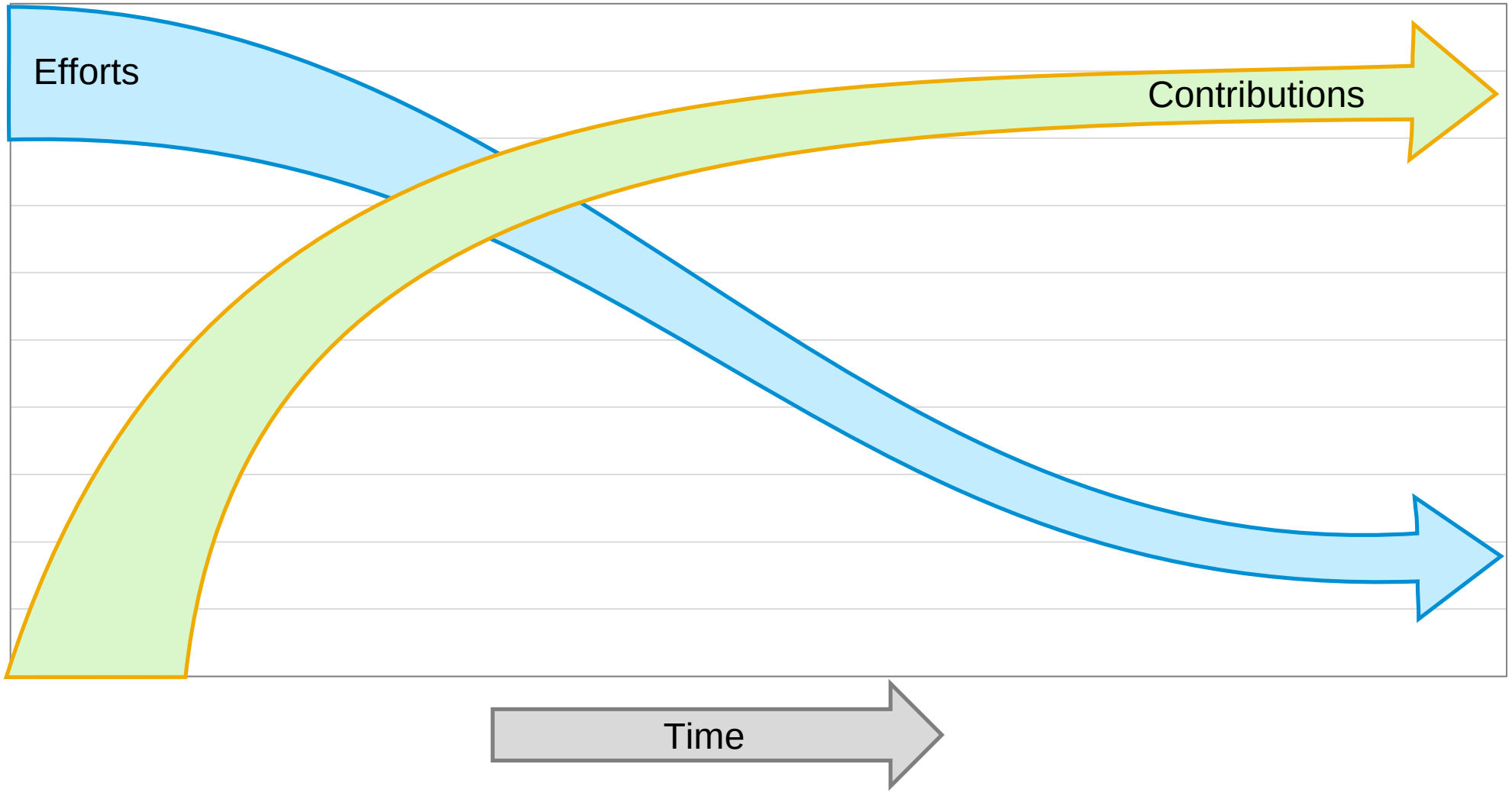
Collaborative Learning and Automation



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Key Differentiators of Integration Advisor

One stop shop

- One tool for all phases of A2A/B2B/B2G integration projects
- From functional specification to technical runtime artefacts

Wikipedia like

- All necessary information on single place

Proposal service

- Machine learning using crowd sourced learnings

Business oriented

- Addresses business domain experts

Community collaboration

- Common working on integration content

Future: Automated update service

- Automatic consideration of extensions/modifications in existing integration content

Agnostic

- Independent of runtime and platform technologies

Automatic generation and deployment

- Documentation (PDF, Excel and Word)
- All runtime artifacts for validation, conversion, transformation, pre-/post-processing and mapping

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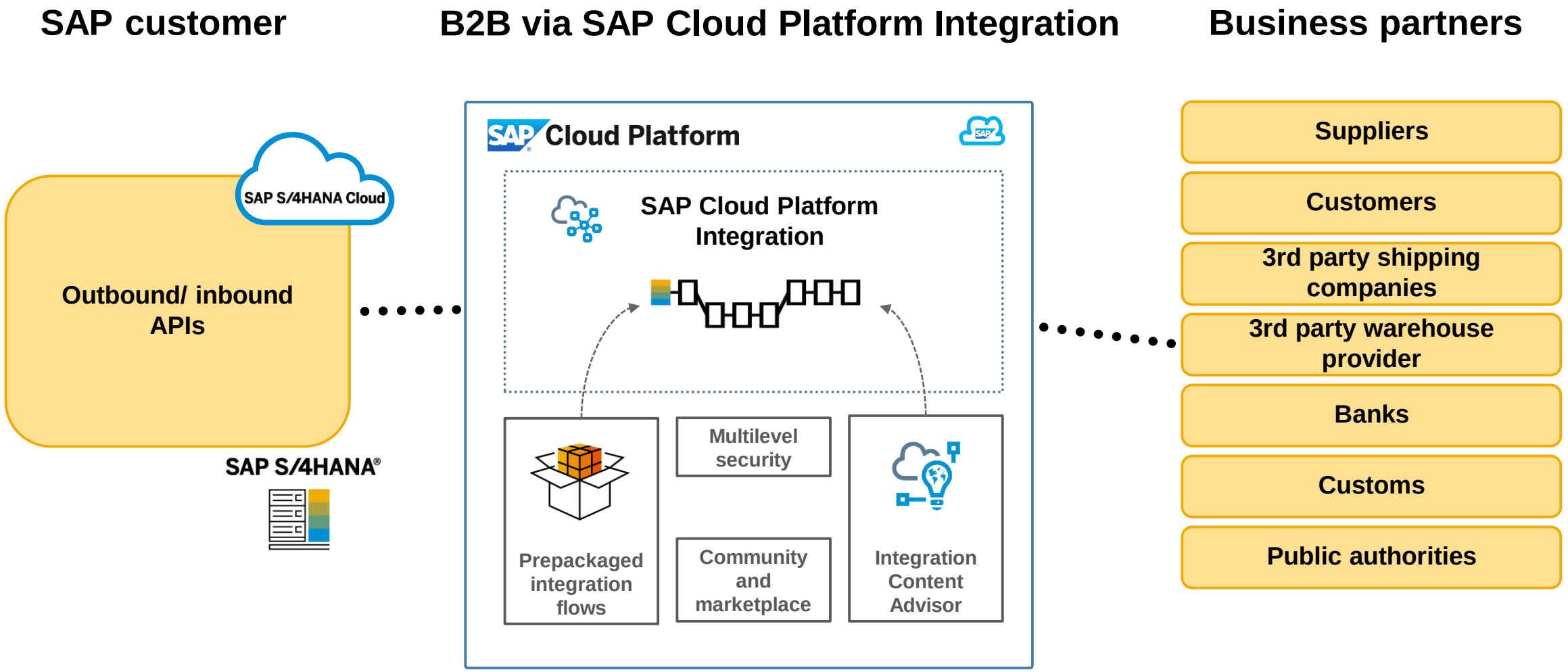
Integration Adivsor
@ S/4HANA
+ Demo

SAP S/4HANA
EDI subsystem and business partners



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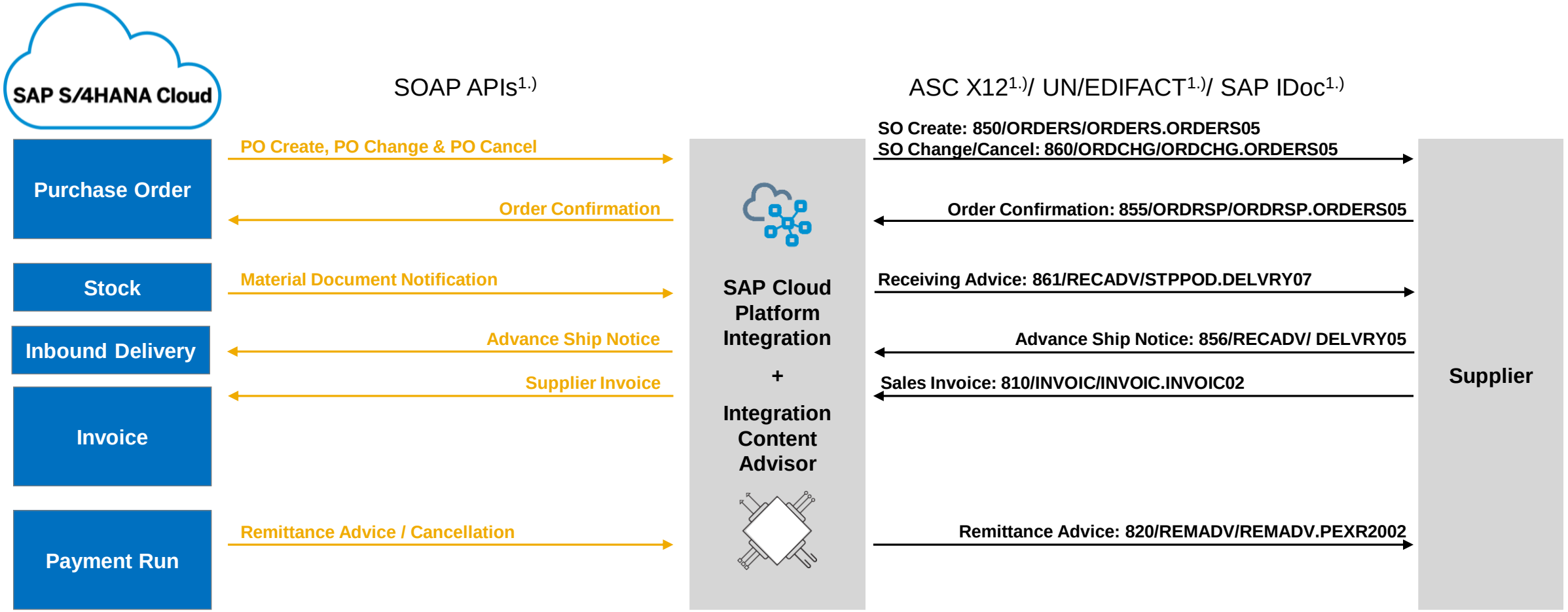
SAP S/4HANA Cloud – Sourcing and procurement, finance and sales

Communication between SAP S/4HANA Cloud procurement and EDI suppliers



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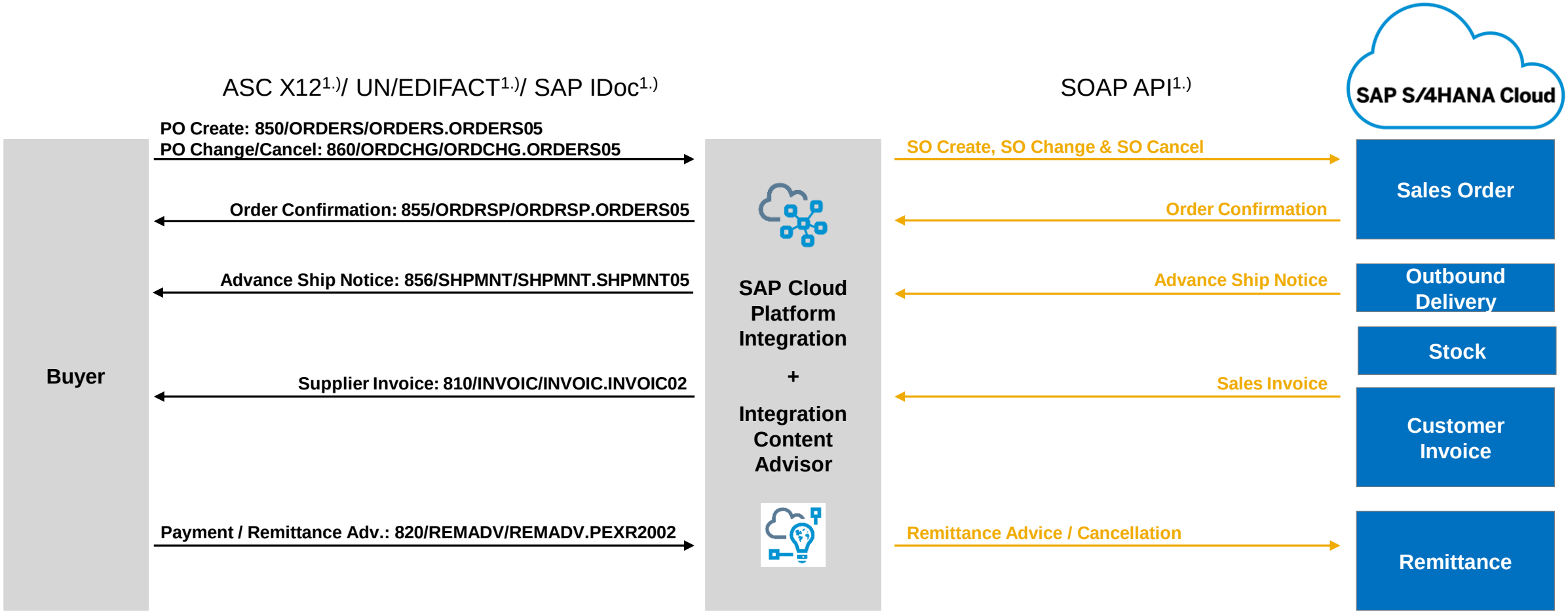
SAP S/4HANA Cloud – Sourcing and procurement, finance and sales

Communication between EDI buyers and SAP S/4HANA Cloud sales



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Activties for S/4 HANA Cloud

OpenSAP Course for Integration Advisor @ S/4 HANA Cloud – November 18th

Demo Scenarios

Pre-trained Content for mentioned scenarios

We need you for enablement and collaboration

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Integration Adivsor Enablement

SAP Cloud Platform Integration Advisor

Product road map overview 2020

Recent innovations

Type systems

- Import customer message types (with extensions) based on xsd
- EANCOM

MIG editor

MIG based on custom message

MAG editor

- Simulation of mapping based on user payload
- Global parameters

Runtime artifacts

- Integration flow templates for Cloud Integration at SAP API Business Hub

Planned Q2/2020[1]

Type systems

- New versions of EDIFACT

MIG editor

- Documentation export via Excel
- MIG creation based on payload instances for supported type systems

MAG editor

- Documentation export via Excel
- String processing

Runtime artifacts

- Push mapping and validation artifacts to Cloud Integration flows

Cloud platform environment support

- Availability on AWS and Microsoft Azure

Planned Q3/2020[1]

Type systems

- ODETTE, ODETTE EDIFACT
- New versions of ASC X12, cXML

MIG editor

- Migrate to other type system version
- Display property changes
- Multi-value qualification

MAG editor

- Date/time conversion
- Mapping of leaf node to group node

Cloud platform environment support

- Availability on Alibaba Cloud

Planned Q4/2020[1]

Type systems

- VDA EDIFACT
- SAP Fieldglass, SAP Concur

Cloud platform environment support

- Availability on AWS GovCloud (US)

Future features beyond Q4

Type systems

- SAP SuccessFactors, Hybris
- VDA, TRADACOMS, GS1 XML, UBL, ISO20022, OAGIS

MIG editor

- Reference MIG
- Reusable customer code lists

MAG editor

- Reordering of message nodes
- Reusable functions
- Extended mapping proposals

Runtime artifacts

- Integration flow templates configured via partner directory

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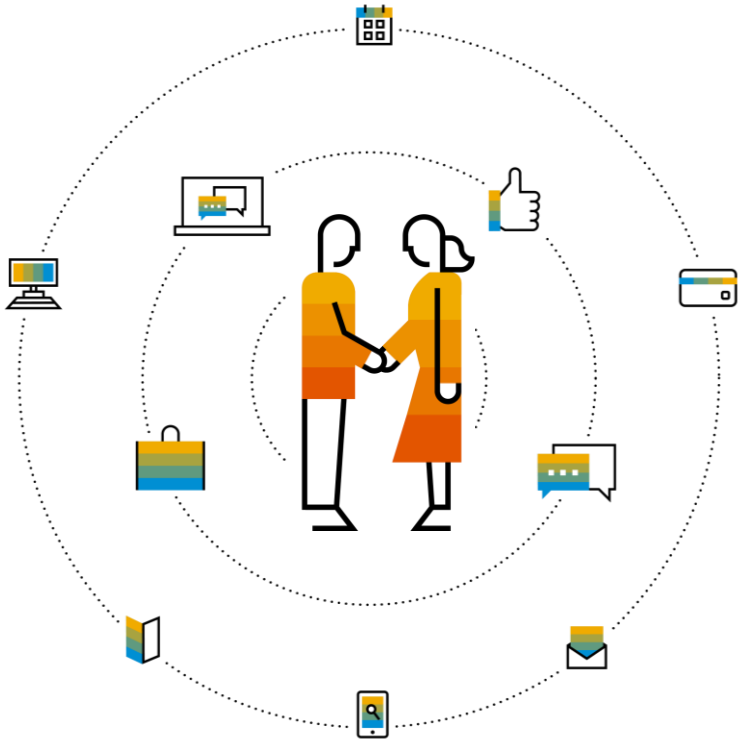
Customer Engagement Initiative (CEI)

Upcoming TPM@Cloud CEI in June 2020

- Get early insight into the newly planned and innovative Cloud based Trading Partner Management System
  - For setting up and maintaining B2B connections with trading partners
  - Using Integration Advisor
- Invite your customers, because the they can
  - Provide their requirements
  - Influence development
  - Closely work with SAP product teams
- Network with peers around the Trading Partner Management System using IA



Interest, please contact

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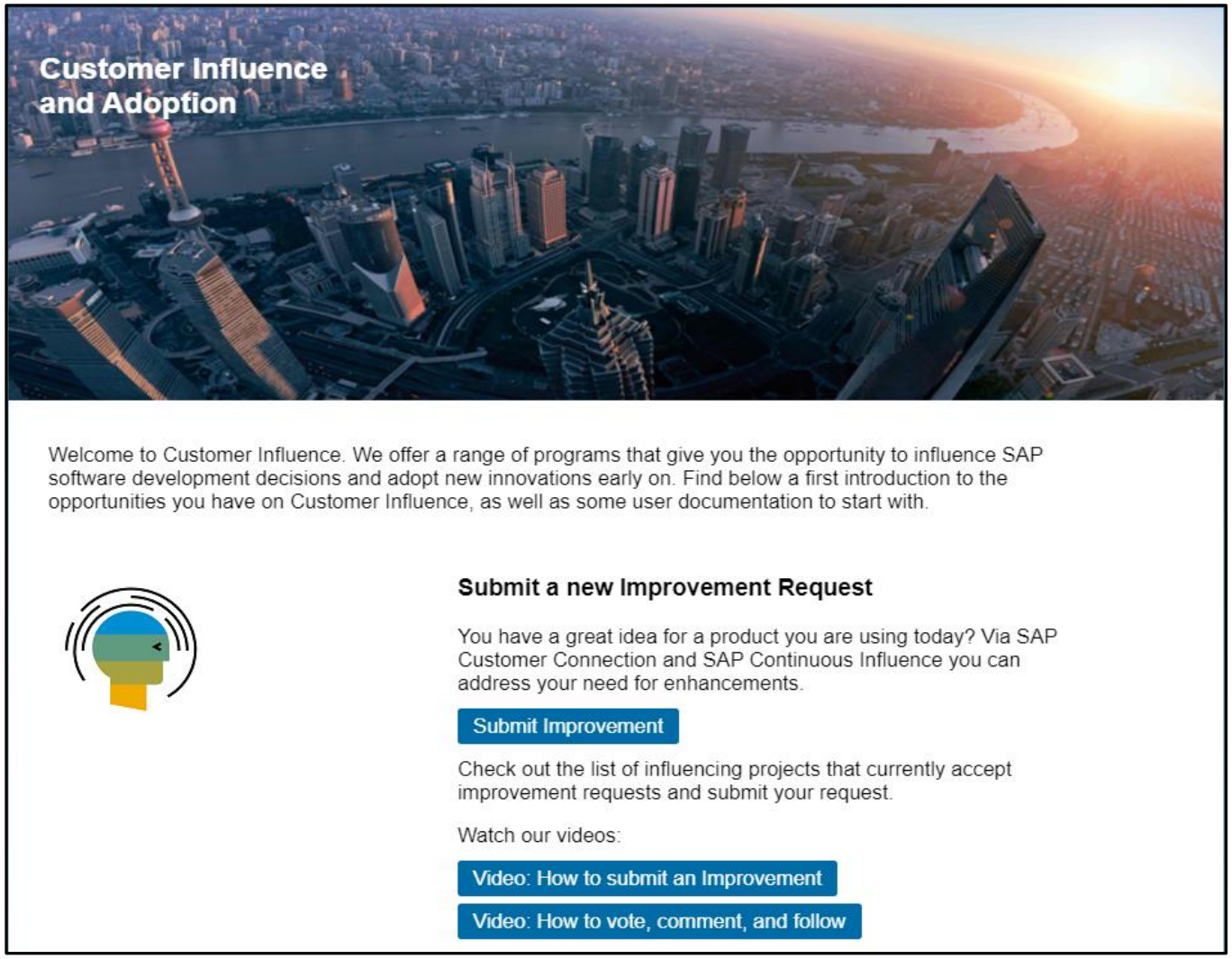
Customer Influence

https://influence.sap.com/sap/ino/#/campaign/2282



1. **Feature Request: Type System Viewer** - The library of type systems is a collection of message templates that are provided by agencies that maintain the B2B standards.
2. **Feature Request: MIG Editor** - Message implementation guideline, also referred to as MIG, is used as the source or target in a mapping guideline (MAG) of SAP Cloud Platform Integration Advisor.
3. **Feature Request: MAG Editor** - A mapping guideline is the runtime artifact that you use in the mapping step of an integration application like SAP Cloud Platform Integration.
4. **Feature Request: Others**
5. **Content Request: Type System** - To include any Library of Type Systems or API's.
6. Merged with Integartion Suite

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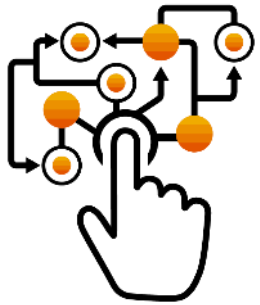
Where to find more information

Learn more about SAP Cloud Platform Integration Advisor



- Getting started at
  Official page of SAP Cloud Platform Integration Advisor
  SAP Help Portal
- Series of blogs at SDN:
  https://blogs.sap.com/2019/03/12/integration-content-advisor-overview-of-components-and-further-reading/

Learn more about SAP Cloud Platform Integration Suite

- Get started by learning about SAP Cloud Platform Integration Suite at
  https://cloudplatform.sap.com/integration.html
- Upcoming Open SAP course starting on September 1st, 2020 also covering Integration Advisor
  https://open.sap.com/
- Use the SAP Learning Journeys to increase your knowledge level at
  SAP Cloud Platform Integration basics

Participate in the SAP Community

- Follow the blogs and join the discussions at
  https://www.sap.com/community/topics/cloud-integration.html

Explore the SAP API Business Hub

- Jump start your integration projects with prepackaged integration content from
  https://api.sap.com/

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Thank you.

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