SAP Document Compliance
Overview

SAP Globalization Services, SAP SE
April 2021

Globalization Services
Local solutions. Global success.

THE BEST RUN **SAP**

Disclaimer

The information in this presentation is confidential and proprietary to SAP and may not be disclosed without the permission of SAP. This presentation is not subject to your license agreement or any other service or subscription agreement with SAP. SAP has no obligation to pursue any course of business outlined in this document or any related presentation, or to develop or release any functionality mentioned therein. This document, or any related presentation and SAP's strategy and possible future developments, products and or platforms directions and functionality are all subject to change and may be changed by SAP at any time for any reason with-out notice. The information in this document is not a commitment, promise or legal obligation to deliver any material, code or functionality. This document is provided without a warranty of any kind, either express or implied, including but not limited to, the implied warranties of merchantability, fitness for a particular purpose, or non-infringement. This document is for informational purposes and may not be incorporated into a contract. SAP assumes no responsibility for errors or omissions in this document, except if such damages were caused by SAP´s willful misconduct or gross negligence.

All forward-looking statements are subject to various risks and uncertainties that could cause actual results to differ materially from expectations. Readers are cautioned not to place undue reliance on these forward-looking statements, which speak only as of their dates, and they should not be relied upon in making purchasing decisions.

Agenda

➢ Introduction
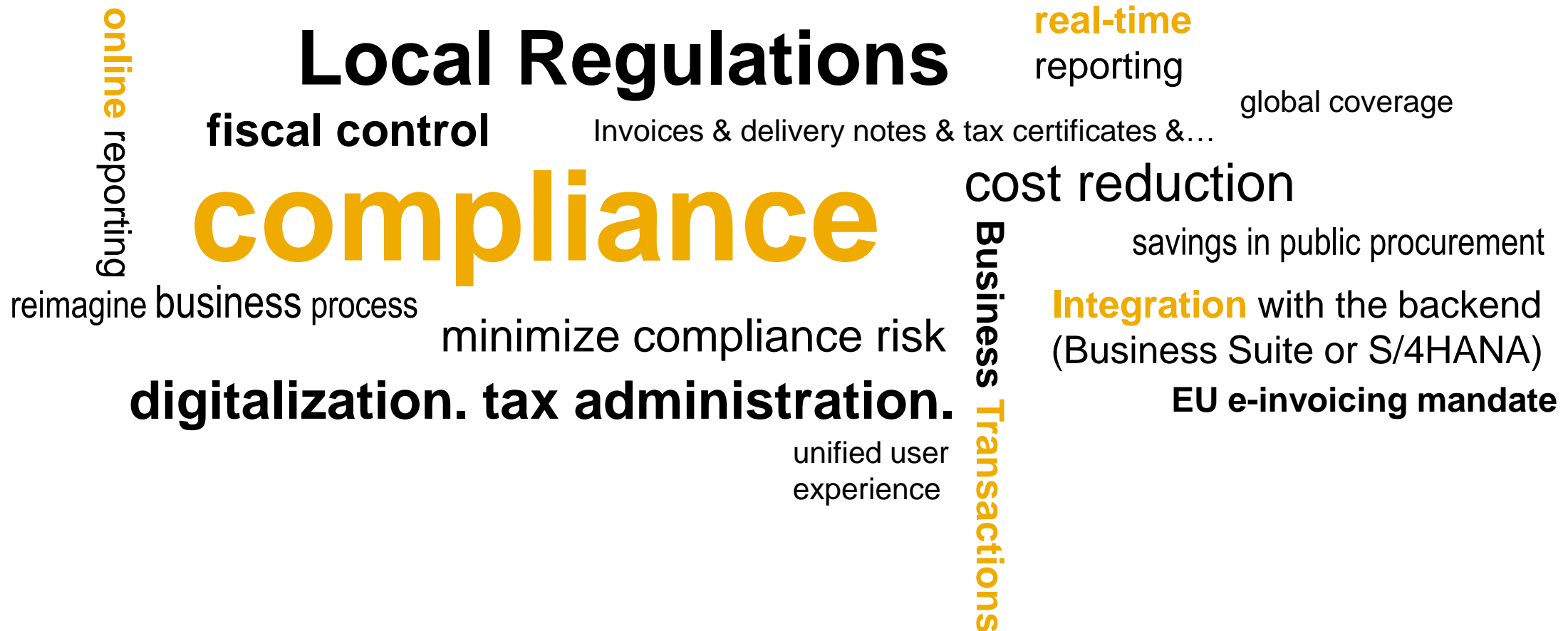
➢ Solution Overview

➢ Roadmap

➢ Useful Links

➢ Q&A

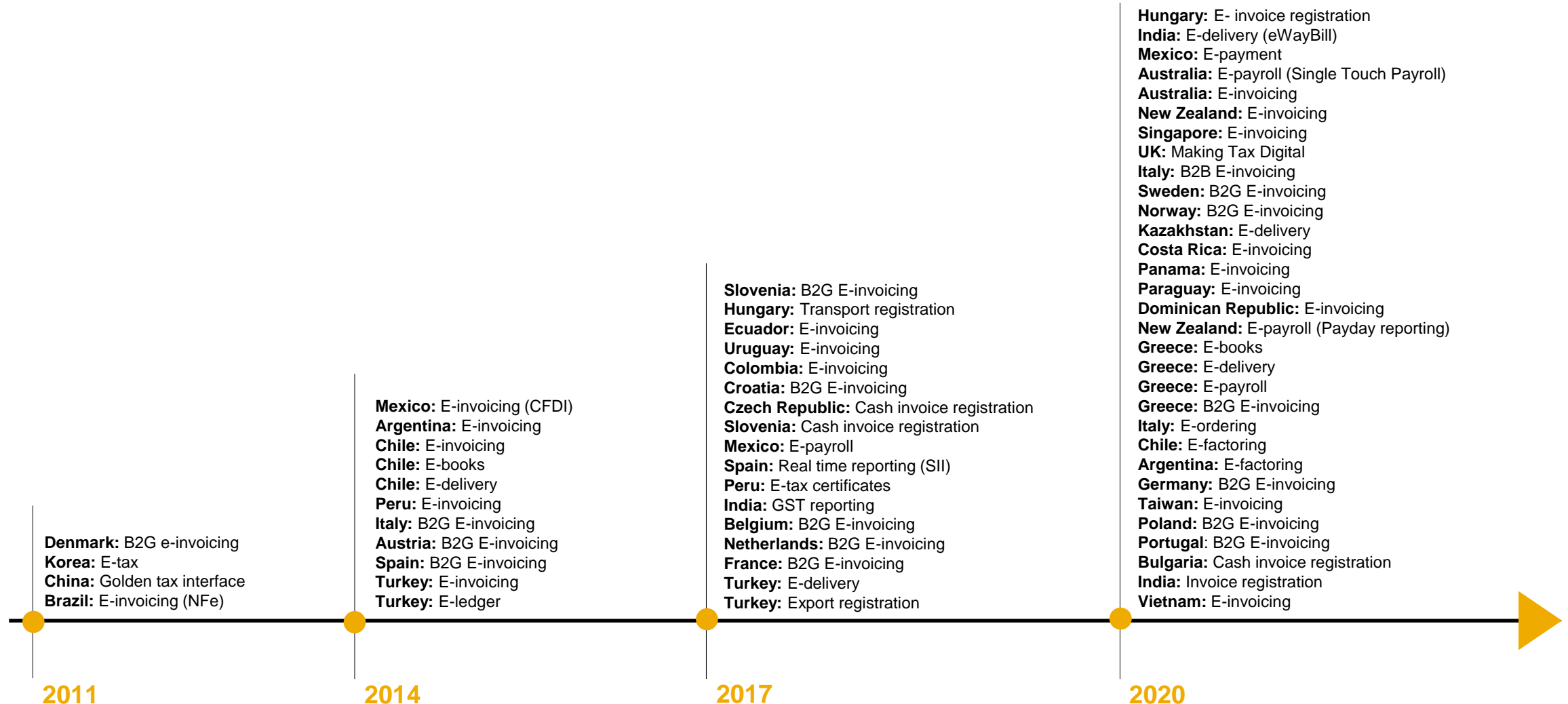# Document Compliance
Introduction

Customer Needs –
Compliance with on-line Exchange of Electronic Documents

online reporting

Local Regulations

real-time reporting

global coverage

fiscal control

Invoices & delivery notes & tax certificates &…

compliance

cost reduction

savings in public procurement

reimagine business process

Business Transactions

Integration with the backend (Business Suite or S/4HANA)

minimize compliance risk

digitalization. tax administration.

EU e-invoicing mandate

unified user experience

Explosion of Local Compliance Obligations

Governments worldwide are keeping pace with the evolving laws and governance frameworks

Hungary: E- invoice registration
India: E-delivery (eWayBill)
Mexico: E-payment
Australia: E-payroll (Single Touch Payroll)
Australia: E-invoicing
New Zealand: E-invoicing
Singapore: E-invoicing
UK: Making Tax Digital
Italy: B2B E-invoicing
Sweden: B2G E-invoicing
Norway: B2G E-invoicing
Kazakhstan: E-delivery
Costa Rica: E-invoicing
Panama: E-invoicing
Paraguay: E-invoicing
Dominican Republic: E-invoicing
New Zealand: E-payroll (Payday reporting)
Greece: E-books
Greece: E-delivery
Greece: E-payroll
Greece: B2G E-invoicing
Italy: E-ordering
Chile: E-factoring
Argentina: E-factoring
Germany: B2G E-invoicing
Taiwan: E-invoicing
Poland: B2G E-invoicing
Portugal: B2G E-invoicing
Bulgaria: Cash invoice registration
India: Invoice registration
Vietnam: E-invoicing

Slovenia: B2G E-invoicing
Hungary: Transport registration
Ecuador: E-invoicing
Uruguay: E-invoicing
Colombia: E-invoicing
Croatia: B2G E-invoicing
Czech Republic: Cash invoice registration
Slovenia: Cash invoice registration
Mexico: E-payroll
Spain: Real time reporting (SII)
Peru: E-tax certificates
India: GST reporting
Belgium: B2G E-invoicing
Netherlands: B2G E-invoicing
France: B2G E-invoicing
Turkey: E-delivery
Turkey: Export registration

Mexico: E-invoicing (CFDI)
Argentina: E-invoicing
Chile: E-invoicing
Chile: E-books
Chile: E-delivery
Peru: E-invoicing
Italy: B2G E-invoicing
Austria: B2G E-invoicing
Spain: B2G E-invoicing
Turkey: E-invoicing
Turkey: E-ledger

Denmark: B2G e-invoicing
Korea: E-tax
China: Golden tax interface
Brazil: E-invoicing (NFe)

2011   **2014**   **2017**   **2020**

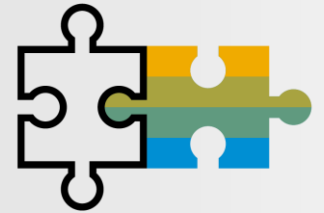# Motivation - Digital transformation driven by authorities

Tax Compliance

Digital Government Efficiency

Business Benefits

Detect VAT leakage

- B2B / B2C (cash) transactions
- National / Foreign transactions

Curb shadow economy

- Transaction controls beyond e-invoices

Tax revenue management

Analytics (forecasts, predictions, statistics)

Public procurement

Process efficiency

- Automation
- Spend management
- Interoperability
- SME support
- Multiple document types

Financing

SAP Document Compliance – Local Versions
55 Scenarios in 26 Countries (SAP S/4HANA)

Spain
- Customer invoice
- Tax Register Books

Italy
- Customer invoice
- Supplier Invoice

Hungary
- Transport registration
- Invoice Registration

Portugal
- Customer invoice

Mexico
- Customer invoice
- Payment receipt
- Delivery Note

Peru
- Customer invoice
- Consumer invoice
- Withholding tax certificate
- Collection tax certificate

Chile
- Customer invoice
- Supplier invoice
- Consumer invoice
- Delivery note
- Ledgers
- Credit Invoice (Factoring)

Colombia
- Customer invoice
- Supplier invoice

Brazil
- Customer invoice
- Supplier invoice

Turkey
- Customer invoice
- Consumer invoice
- Supplier invoice
- Export registration
- Transport registration

Greece
- Tax Register Books

Netherlands
- Customer invoice via Peppol
- Supplier invoice via Peppol

Belgium
- Customer invoice via Peppol
- Supplier invoice via Peppol

Norway
- Customer invoice via Peppol
- Supplier invoice via Peppol

France [1]
- Customer invoice via Peppol
- Supplier invoice via Peppol

Sweden
- Customer invoice via Peppol
- Supplier invoice via Peppol

Denmark
- Customer invoice via Peppol
- Supplier invoice via Peppol

Austria
- Customer invoice via Peppol
- Supplier invoice via Peppol

Poland
- Customer invoice via Peppol
- Supplier invoice via Peppol

Ireland
- Customer invoice via Peppol
- Supplier invoice via Peppol

Germany
- Customer invoice via Peppol
- Supplier invoice via Peppol
- Customer invoice via e-mail (ZUGFeRD)

India
- Transport Registration
- Customer Invoice

South Korea
- Customer invoice
- Supplier invoice

Thailand
- Customer Invoice

Taiwan, China
- Customer invoice
- Consumer invoice

Singapore
- Customer invoice via Peppol
- Supplier invoice via Peppol

Australia
- Customer invoice via Peppol
- Supplier invoice via Peppol

New Zealand [1]
- Customer invoice via Peppol
- Supplier invoice via Peppol

[1] This is the current stand of planning and can be changed by SAP without notice.

Digital Compliance – Diversity of Local Requirements (examples)

Sender

Receiver

Solution Overview

What is the solution about?

SAP Document Compliance is a global solution to address local requirements mandating the submission of electronic documents to authorities or business partners.

Local versions follow one of the following deployment models:

- PaaS Solutions
  - Based on **SAP Document Compliance, on-premise edition** and **SAP Cloud Platform Integration** to cover e-invoicing and real-time reporting requirements in multiple countries
- SaaS Solutions
  - **SAP Document Compliance, cloud edition** provides the ability to send and receive fully compliant invoices based on the Peppol and ZUGFeRD standards
  - **SAP Document Compliance, outbound invoicing option for Brazil & inbound invoicing option for Brazil** provide the ability to send / receive and further process fully compliant Nota Fiscal documents in Brazil

Solution Approach
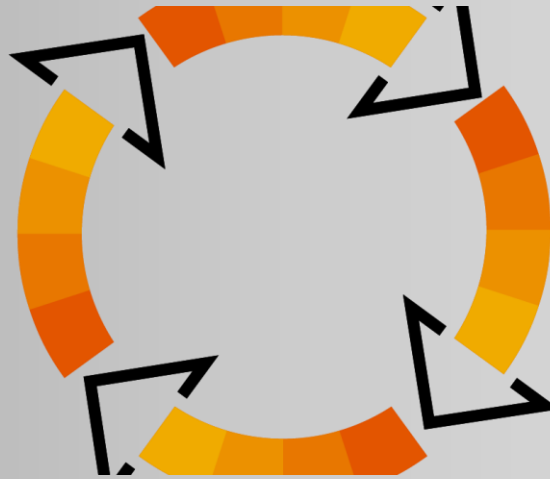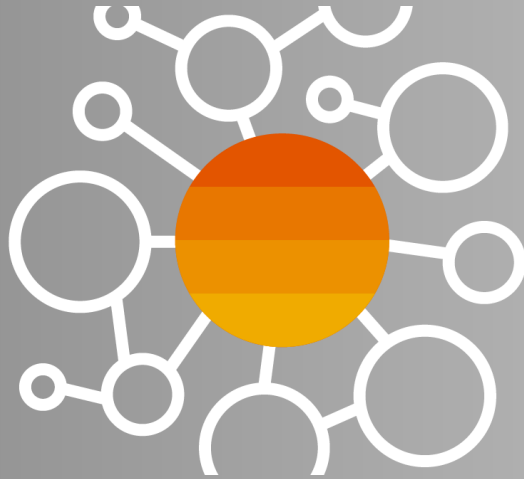
Far more than invoicing…

- Comprehensive, dynamic, everchanging
- For any compliance process
- Extensible y configurable

No Interfaces

- Integral part, automatic and silent component of SAP S/4 HANA, SAP ERP and industry solution.
- Full automation, real time

Direct link to Tax Office / Business Partner

- No 3rd party required
- End-to-end security
- Semantic consistency among SAP DC, LO, SD, FI and legal report representations.
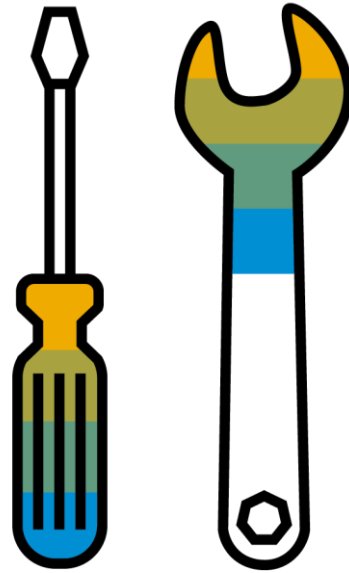
Open Framework
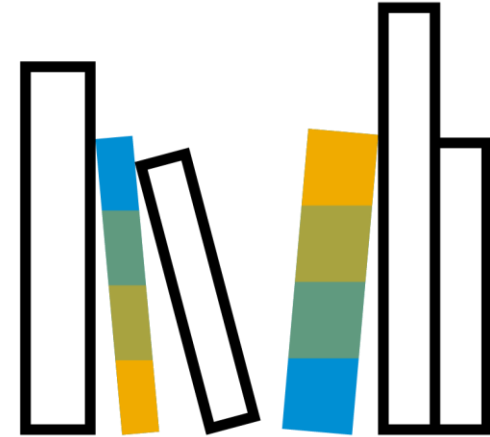
Library of predefined processes

SAP Document Compliance

A Combination of an Open Compliance Framework + Library of predefined country specific processes.

Rationale behind SAP Document Compliance

Standardization

- Strong framework with reusable components
- Multiple solutions can be implemented in parallel.
- No disruption among solutions

Business Process Integration

- "Source Document" Concept
- Seamless integration end-to-end.

Governance per-se

- Openness
- Direct Integration with ecosystem
- End-to-end Monitoring
- High level of security granularity

Security from Design

- SAP Cloud Platform Integration developed to comply with highest security requirements for
  - Governments
  - Financial Service Providers
  - Customers

Architectural components: flexibility + reusability
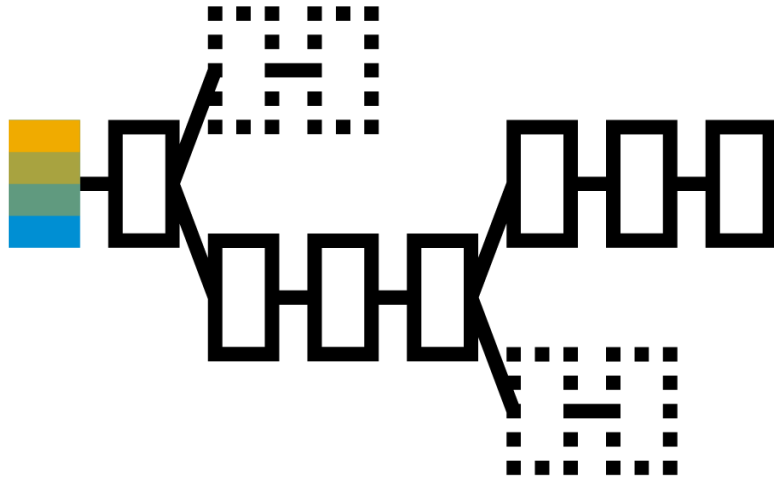
Processes (e.g. "Spain Bundle Processing")

- How the execution will happen, including actions, eventual errors and "variations" during the execution.
- Processes could be registrations, approval, updates, etc..

Document (e.g. "Peru Credit Note")

- Mostly XML files exchanged in the context of a process.
- Are generated from a "Source Document" concept, provided from framework level, e.g.: SD/FI Document, FI Document, Shipment, Goods Issue, SII Document, etc…

Framework Features Overview at a Glance – 1 / 2

Comprehensive Operations and Monitoring

- Central "Cockpit"
- Single Access point
- UI-Navigation to Business process
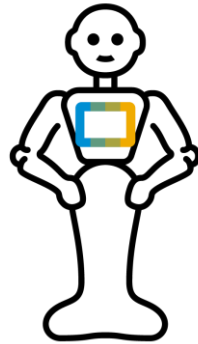
Full Process Automation

- Communications
- Error handling
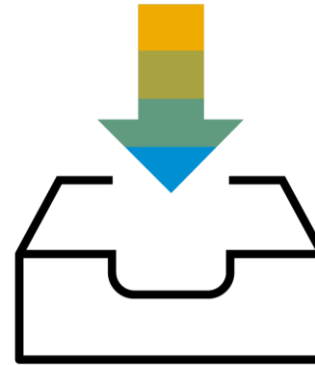
Documentation Storage and Archiving

- Save all send and received documents
- Signatures
- Archiving

Process Auditing

- Full electronic document history: Users, date, time, details, content if available, approvals and rejections.

Framework Features Overview at a Glance – 2 / 2

SAP Document Compliance
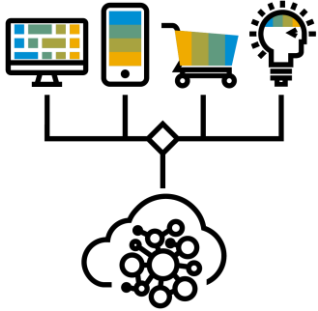
Multi-Compliance

- Run multiple Compliance processes for the same transaction
- Generate several different documents for one transaction.
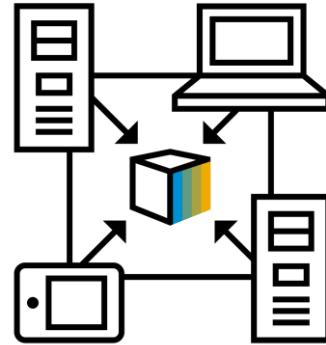
SAP Business Process Integrations

- Compliance processes run silently among SAP S/4HANA transactions

Metadata Driven Process configuration

- Process flow managed by configuration tables

Multi-Level Grouping

- Allows transactional integration as well as packed-based integration
- Navigation among levels.
- Nesting of processes

EDocument Cockpit

Source Document

Variant: Default Selection | Change

Show Recent eDocuments: 600 Days

Result Overview	No.
> Austria	25
> Belgium	224
∨ Chile	519
• Chile Daily Summary Boleta	5
• Chile DTE	166
• Chile eBoleta	16
• Chile Goods Receipt DTE	68
• Chile Incoming DTE Envelope	94
• Chile Invoice Receipt DTE	35
• Chile Purchase Ledger	16
• Chile Receivable Transfer File	75
• Chile Sales Ledger	29
• Chile Summary DTE	15
∨ Colombia	238
• Colombia eInvoice	108
• Colombia eInvoice Contingency	104
• Colombia Incoming eInvoice	26
> Croatia	1
> Denmark	23
> Germany	1.660
> Greece	4.077
> Hungary	90
> Italy	3.908
∨ Mexico	1.060
• Mexico Consolidated ePayment	
• Mexico Delivery Note	
• Mexico eInvoice	21
• Mexico ePayments	324
• Mexico ePayt for Consolidation	2
> Netherlands	1.169
> Norway	32
∨ Peru	831
• Peru Boleta	89
• Peru Cert Contingency Summary	6
• Peru Contingency Document	26
• Peru Contingency Summary	11
• Peru Daily Summary Boleta	50
• Peru eInvoice	546

Actions dynamically determined for the Compliance process

Submit | Status | Export File | Display | Customer... | Goto... | More... | Help

Chile DTE

Status	Proc. Status Descr.	Error	eDocument Source Key	Source Description	CoCode	Type Des	Creation Date	Created on	Created By	Posting Date	Intf.	File	DTE Type	Folio No.	Customer	eDoc Type
■	Transfer File Generated		0090049527	Billing Document	CL10	Chile DTE	12.05.2020	13:33:11	PARAEKATTIL	12.05.2020			33	219		
▲	Created		008004701449000592582020	Goods Issue Posting	CL10	Chile DTE	12.05.2020	14:28:52	PARAEKATTIL	12.05.2020			52			
■	Transfer File Generated		0090049528	Billing Document	CL10	Chile DTE	12.05.2020	14:29:36	PARAEKATTIL	12.05.2020			33	219		
▲	Created		008004701749000592602020	Goods Issue Posting	CL10	Chile DTE	12.05.2020	16:16:30	KNAV	12.05.2020			52			
■	Approved by Customer		008004702049000592492020	Goods Issue Posting	CL10	Chile DTE	12.05.2020	19:16:15	BIANCALANA	12.05.2020			52			
■	Cancelled		008004701249000592292020	Goods Issue Posting	CL10	Chile DTE	12.05.2020	11:58:27	PINNAMRAJU	12.05.2020			52		CLIENTE_CL	
■	Transfer File Generated		0090049529	Billing Document	CL10	Chile DTE	12.05.2020	19:16:32	BIANCALANA	12.05.2020			33	2193	CLIENTE_CL	
●	Sending Requested		008004703249000592712020	Goods Issue Posting	CL10	Chile DTE	13.05.2020	18:33:44	KNAV	13.05.2020			52		CLIENTE_CL	
■	Transfer File Generated		0090049548	Billing Document	CL10	Chile DTE	19.05.2020	22:15:38	BIANCHIN	19.05.2020			33	2194	CLIENTE_CL	
■	Transfer File Generated		0090049609	Billing Document	CL10	Chile DTE	28.05.2020	15:28:52	KNAV	28.05.2020			33	2199	CLIENTE_CL	
■	Transfer File Generated		0090049608	Billing Document	CL10	Chile DTE	28.05.2020	14:50:47	KNAV	28.05.2020			33	2197	CLIENTE_CL	
■	Cancelled		0090049610	Billing Document	CL10	Chile DTE	28.05.2020	19:29:20	KNAV	28.05.2020			33	2200	CLIENTE_CL	
■	Transfer File Generated		0090049631	Billing Document	CL10	Chile DTE	02.06.2020	15:37:05	PERUMALY	02.06.2020			33	2196	CLIENTE_CL	
■	Transfer File Generated		0090049630	Billing Document	CL10	Chile DTE	02.06.2020	15:17:02	PERUMALY	02.06.2020			33	2195	CLIENTE_CL	
■	Transfer File Generated		0090049711	Billing Document	CL10	Chile DTE	12.06.2020	15:45:34	KNAV	12.06.2020			33	2198	CLIENTE_CL	
■			008004718049000594452020	Goods Issue Posting	CL10	Chile DTE	23.06.2020	13:43:37	UNSER	23.06.2020			52	5162	CLIENTE_CL	
■	...wledged		008004717849000594432020	Goods Issue Posting	CL10	Chile DTE	23.06.2020	13:43:37	UNSER	23.06.2020			52	5164	CLIENTE_CL	
■			008004717949000594442020	Goods Issue Posting	CL10	Chile DTE	23.06.2020	13:43:37	UNSER	23.06.2020			52		CLIENTE_CL	
■			008004717649000594412020	Goods Issue Posting	CL10	Chile DTE	23.06.2020	13:42:25	UNSER	23.06.2020			52	5160	CLIENTE_CL	
■			008004717749000594422020	Goods Issue Posting	CL10	Chile DTE	23.06.2020	13:43:37	UNSER	23.06.2020			52	5161	CLIENTE_CL	
▲	Created		0000001866	Shipment	CL10	Chile DTE	23.07.2020	23:28:38	KNAV	23.07.2020			52			
■	Cancelled		0090049873	Billing Document	CL10	Chile DTE	24.07.2020	16:53:06	PERUMALY	24.07.2020			33		CLIENTE_CL	
■	Cancelled		0090049874	B												
■	Cancelled		008004732149000595882020	G												
▲	Sending to SII Acknowledged		CL1015000001482020	A												
▲	Sending to SII Acknowledged		CL1015000001492020	A												
■	Approved by Customer (Reconc.)		CL1016000000692020	A												
■	Approved by Customer (Reconc.)		CL1016000000702020	A												
▲	Created		CL1016000000712020	A												
■	Cancelled		CL1015000001502020	A												
	Not Received by SII		0090050258	B												
▲	Sending to SII Acknowledged		CL1015000001512020	A												
■	Transfer File Generated		0090050338	B												
	Not Received by SII		CL1015000001522020	B												
▲	Created		008004779349000600572020	G												
■	Cancelled		0090050535	B												
■	Approved by Customer (Reconc.)		0090050537	B												
■	Approved by Customer		0090050566	B												
■	Approved by Customer (Reconc.)		0090050605	B												
▲	Sending to SII Acknowledged		0090050607	B												

A Sample Compliance Process

Compliance Processes for a Country

- SAP Document Compliance works in a **fully automated way without human interaction** (including retries and notifications).

- The Cockpit is a tool that allows process analysis, audit, navigation to Business doc, visualize the technical representation, etc...

SAP Document Compliance
PaaS Solutions

Solution Landscape – Document Compliance Scenarios

SAP ECC or S/4HANA

Document Type 1

Document Type 2

SAP APPL 6.05

SAP Netweaver 7.02

SAP Integration Suite

Integration Flow

Recipient

Local Version A

Local Version B

- Local Format Mapping
- Business Monitoring

- Communication
- Authentication/Digital Signature

- Validation
- Approval/Registration
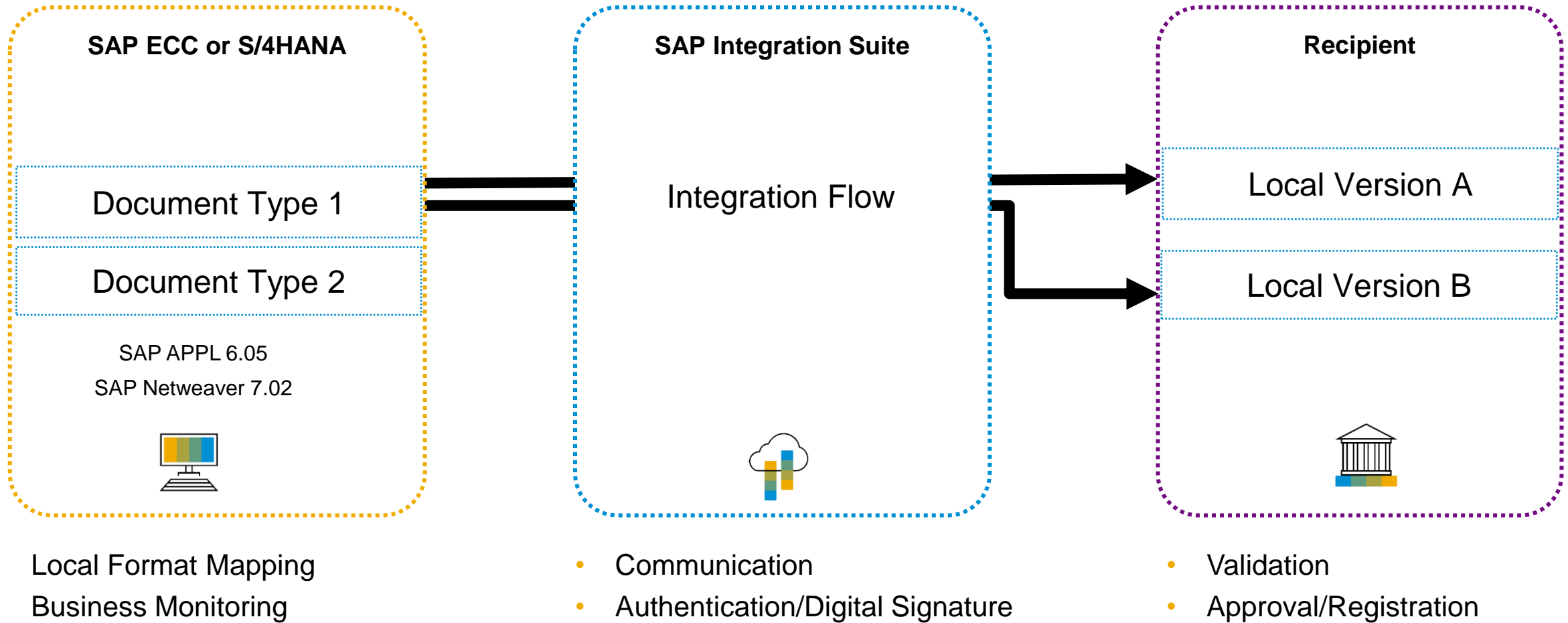
Solution Architecture – SAP Document Compliance
on-premise edition + SAP Cloud Platform Integration

Suite

| Legal Reports | SD Del GI | SD Bill | FI | IS-U | Real Estate | MM returned invoice |

SAP Document Compliance, on-premise edition

| Chile | Peru | Spain | Italy | Hungary | … |

SAP Cloud Platform

SAP Cloud Platform Integration

| DTE | Peruvian UBL | Facturae | Fattura PA | EKAER | … |

Recipient

| SII | SUNAT | FACe | SII | NAV | … |
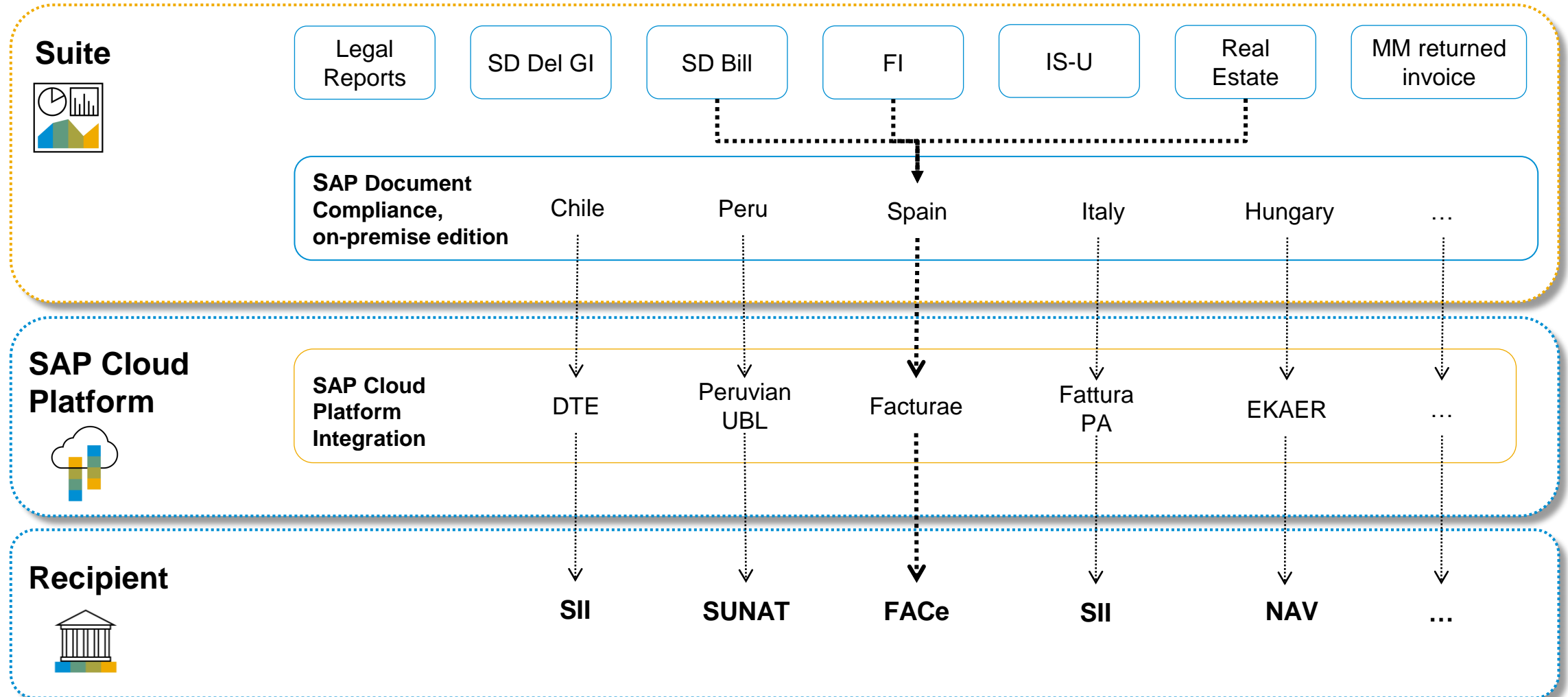
Key Product Features – eDocument Cockpit

Submit / Resubmit

View / Export file

Information about the selected process

Selection variants including filter by source data

Central monitor for all scenarios

Only authorized processes are displayed

Batch & List handling

Further local capabilities:

- Switch to contingency
- Import data from non-SAP systems
- Send to customer
- Accept/Reject
- Cancel/Delete

Navigate to interface monitor

PDF generation (XML-based)

Display eDocument history Application Log

Navigate back to source document

Screen content

SAP — EDocument Cockpit

Refresh   Full Screen On/Off   Documentation   More ⌄   Exit

Source Document

Variant: eDocument Demo ⌄   ✎ Change ⌄

Show Recent eDocuments: 300 Days

Submit | Display... ⌄ | Customer... ⌄ | Goto... ⌄ | More... ⌄ | Help

Italy eInvoice

Result Overview	No.
⌄ Hungary	74
Hungary Invoice Registration	74
⌄ Italy	28
Italy eInvoice	28
⌄ Mexico	2,060
Mexico eInvoice	1,404
Mexico ePayments	656

Status	Proc. Status Descr.	Error	eDocument Source Key	Source Description	CoCo...	Type Description	Creation Date	Created on	Posting Date	Intf.	File	Progr.Num
▲	eDocument Created		231060010000022019	Accounting Document	2310	Italy Fattura	01/11/2019	14:24:40	01/11/2019			00005
▲	eDocument Created		0090004134	Billing Document	2310	Italy Fattura	01/12/2019	21:38:10	01/12/2019			00007
▲	eDocument Created		231018000000022019	Accounting Document	2310	Italy Fattura	01/31/2019	09:31:02	01/31/2019			0000B
▲	eDocument Created		231018000000032019	Accounting Document	2310	Italy Fattura	02/04/2019	14:59:04	02/04/2019			0000C
▲	eDocument Created		231060010000072019	Accounting Document	2310	Italy Fattura	02/20/2019	20:24:25	01/15/2019			0000D
▲	eDocument Created		231018000000042019	Accounting Document	2310	Italy Fattura	02/27/2019	15:37:46	02/27/2019			0000E
▲	eDocument Created		231018000000052019	Accounting Document	2310	Italy Fattura	02/28/2019	10:00:17	02/28/2019			0000F
▲	eDocument Created		231018000000072019	Accounting Document	2310	Italy Fattura	03/04/2019	16:54:04	02/28/2019			0000H
●	Sending to SDI Requested		231060010000702018	Accounting Document	2310	Italy Fattura	01/09/2019	18:18:20	12/12/2018			00001
●	Sending to SDI Requested		231060010000712018	Accounting Document	2310	Italy Fattura	01/09/2019	18:19:11	12/12/2018			00002
●	Sending to SDI Requested		231060010000722018	Accounting Document	2310	Italy Fattura	01/09/2019	18:30:38	12/12/2018			00003
●	Sending to SDI Requested		0090004130	Billing Document	2310	Italy Fattura	01/11/2019	15:40:35	01/11/2019			00006
●	Sending to SDI Requested		0090004150	Billing Document	2310	Italy Fattura	01/14/2019	12:22:09	01/14/2019			00008
●	Sending to SDI Requested		0090004186	Billing Document	2310	Italy Fattura	01/16/2019	13:48:21	01/15/2019			00009
●	Sending to SDI Requested		231060010000092019	Accounting Document	2310	Italy Fattura	03/28/2019	12:36:01	03/28/2019			0000?
●	Sending to SDI Requested		231060010000112019	Accounting Document	2310	Italy Fattura	04/05/2019	06:32:54	04/05/2019			0000M
●	Sending to SDI Requested		231018000000062019	Accounting Document	2310	Italy Fattura	03/04/2019	15:34:03	02/28/2019			0000G
●	Sending to SDI Requested		0090006001	Billing Document	2310	Italy Fattura	03/05/2019	08:55:59	03/05/2019			0000I
●	Sending to SDI Requested		0090007202	Billing Document	2310	Italy Fattura	03/28/2019	12:41:28	03/28/2019			0000K
●	Sending to SDI Requested		231018000000012019	Accounting Document	2310	Italy Fattura	01/31/2019	09:27:52	01/31/2019			0000A
●	Sending to SDI Requested		231018000000082019	Accounting Document	2310	Italy Fattura	04/02/2019	08:24:44	02/28/2019			0000L
▲	eDocument Created		231018000000112019	Accounting Document	2310	Italy Fattura	06/04/2019	08:08:12	06/04/2019			0000R
▲	eDocument Created		231018000000092019	Accounting Document	2310	Italy Fattura	05/30/2019	12:19:39	05/30/2019			0000N
▲	eDocument Created		231018000000102019	Accounting Document	2310	Italy Fattura	05/30/2019	12:21:22	05/30/2019			0000O
▲	eDocument Created		231018000000012020	Accounting Document	2310	Italy Fattura	05/30/2019	12:43:57	01/01/2020			0000P
▲	eDocument Created		231018000000022020	Accounting Document	2310	Italy Fattura	05/30/2019	12:45:17	01/01/2020			0000Q
▲	eDocument Created		231018000000122019	Accounting Document	2310	Italy Fattura	06/04/2019	09:41:33	06/04/2019			0000S
■	eDocument Cancelled		0090004095	Billing Document	2310	Italy Fattura	01/09/2019	19:45:42	01/09/2019			#####

SAP Cloud Platform Integration

SAP Cloud Platform Integration

Example Italy
Three Corner Model – Sender and Receiver Connect to a Central System
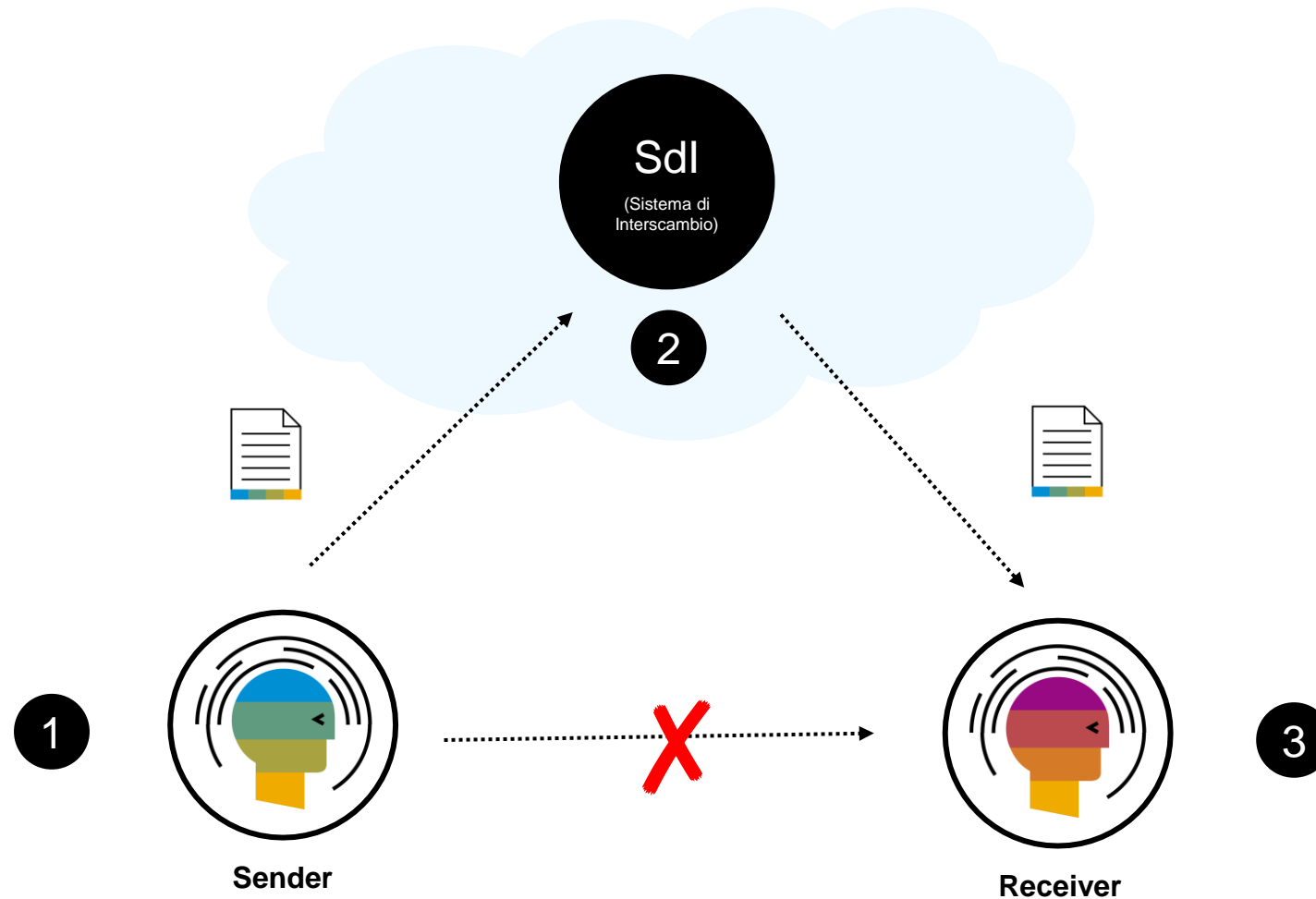
SAP Document Compliance for Italy – Customer Invoice (Outgoing)

SAP ERP	SAP Cloud Platform Integration	Sdl	Receiver Service Provider	Receiver

1 Post SD/FI Document → **2** Create eDocument → **3** Submit eDocument

Invoice XML →

4 Data Reception / Validations

5 XML Completion / Digital Signature * ⇄ **6** Process ⇄ Process
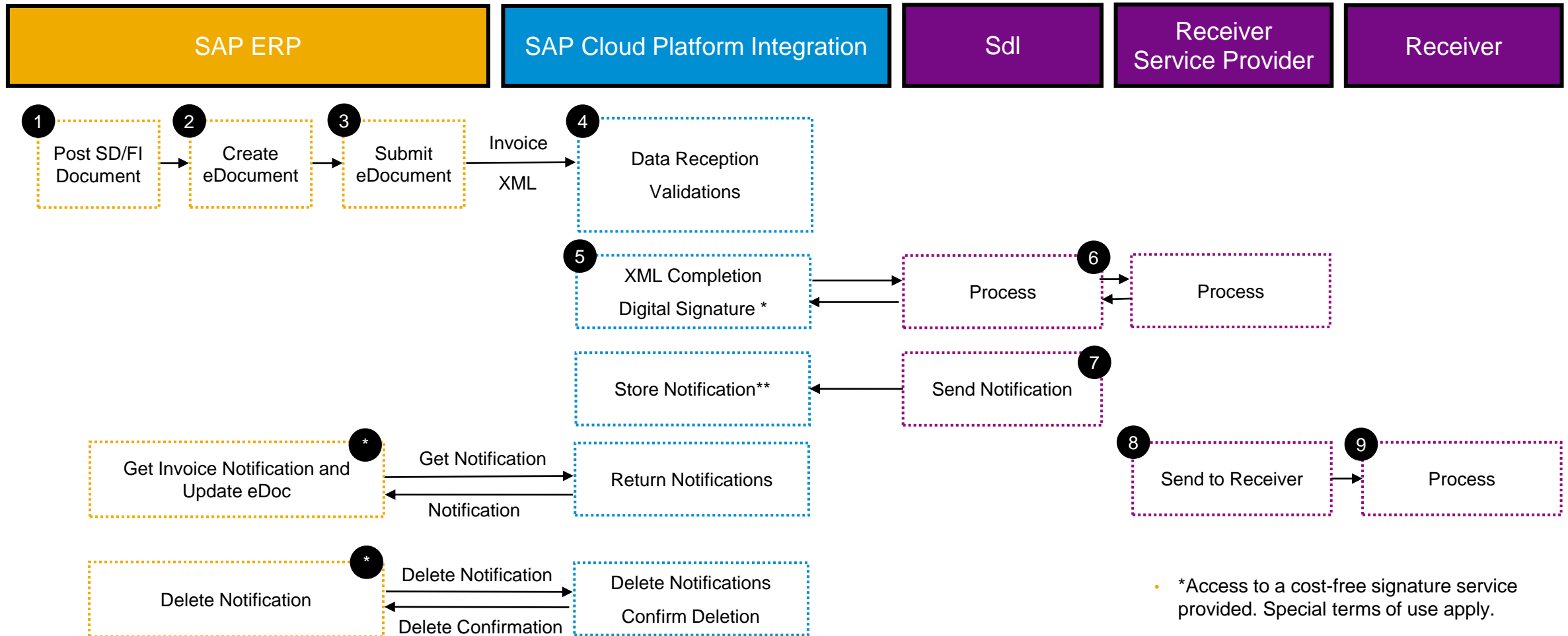
7 Store Notification** ← Send Notification

* Get Invoice Notification and Update eDoc — Get Notification → Return Notifications — ← Notification

8 Send to Receiver → **9** Process

* Delete Notification — Delete Notification → Delete Notifications / Confirm Deletion — ← Delete Confirmation

- *Access to a cost-free signature service provided. Special terms of use apply.
- **invoice and notification are held in a data store until picked up, the recipient delete the entries from the data store after successful receipt

SAP Document Compliance for Italy – Inbound Invoice Processing via SAP Invoice Management by OpenText

SAP ERP	SAP Cloud Platform Integration	SdI

1

Validations Store Data ← *FatturaPA* — Send Invoice

2

Get Invoice → **Get Invoice** → Process Invoice Request

← *FatturaPA*

Create eDocument

3

Receive → Transform → Verify and Complete → Exception Handling → Approve

Invoice matching, verification and approval ← Trigger Invoice Management

Process Notification:

For B2G: Accept / reject generates a notification

For B2B: Only reject is possible, this generates an email.

Accept / Reject Notification →

SAP Document Compliance
SaaS Solutions

What is the solution about?

SAP Document Compliance is a global solution to address local requirements mandating the submission of electronic documents to authorities or business partners.

Local versions follow one of the following deployment models:

- PaaS Solutions
  - Based on **SAP Document Compliance, on-premise edition** and **SAP Cloud Platform Integration** to cover e-invoicing and real-time reporting requirements in multiple countries
- SaaS Solutions
  - **SAP Document Compliance, cloud edition** provides the ability to send and receive fully compliant invoices based on the Peppol and ZUGFeRD standards
  - **SAP Document Compliance, outbound invoicing option for Brazil & inbound invoicing option for Brazil** provide the ability to send / receive and further process fully compliant Nota Fiscal documents in Brazil
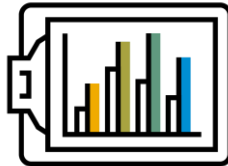
Peppol Exchange service
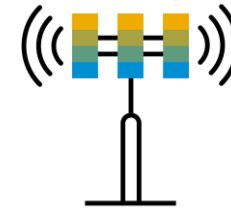## Regulatory Background: Directive 2014/55/EU on B2G Invoicing

Public Buyers must accept and process electronic invoices according to the European Standard on electronic invoicing that includes:

- A semantic **data model** (aligned content of the invoice)

- A list of agreed **syntaxes** (defining the technical structure of the invoice)

- A recommendation for the **transmission** of e-invoices to Public Buyers: Peppol

---

Obligation for contracting authorities
- Contracting authorities must be able to receive and process e-invoices according to the approved standards

Obligation for Suppliers
- Several countries have chosen to define tighter rules making **e-invoicing mandatory for Suppliers**
- This is the case for example in Italy, Netherlands, Germany and Spain

Peppol – a global infrastructure for the exchange of electronic documents

In numerous European and non-European countries, Peppol is the selected infrastructure for the electronic exchange of business documents.

Electronic documents are sent and received through registered service providers.

The endpoint is determined within the infrastructure defined by Peppol

The use of Peppol is often driven by but not restricted to B2G exchanges. It can also be used for B2B transactions between private companies.

Peppol

SAP Solutions

The service determines the receiver endpoint dynamically

Exchange between a **sending** and a **receiving** Access Point
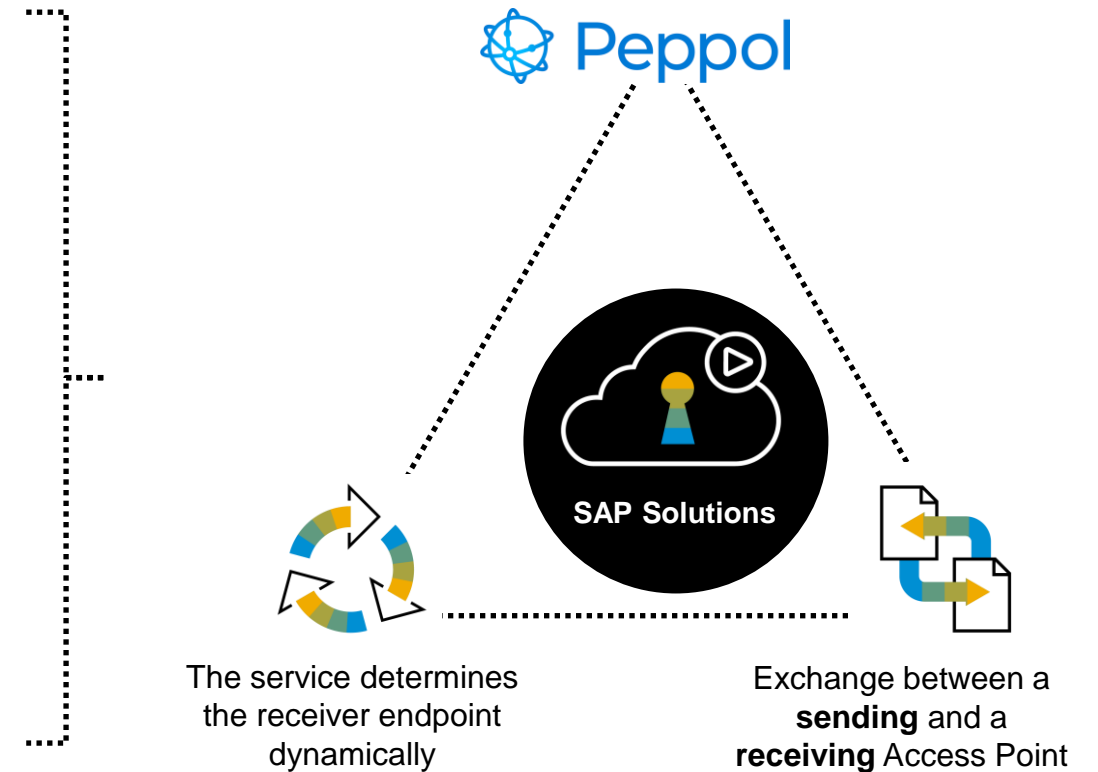
Four Corner Model – Sender and Receiver Connect to a Service Provider

SMP – Service Metadata Publisher

SML – Service Metadata Locator

Peppol Infrastructure

2 Sender Access Point

3 Receiver Access Point

1 Sender

4 Receiver
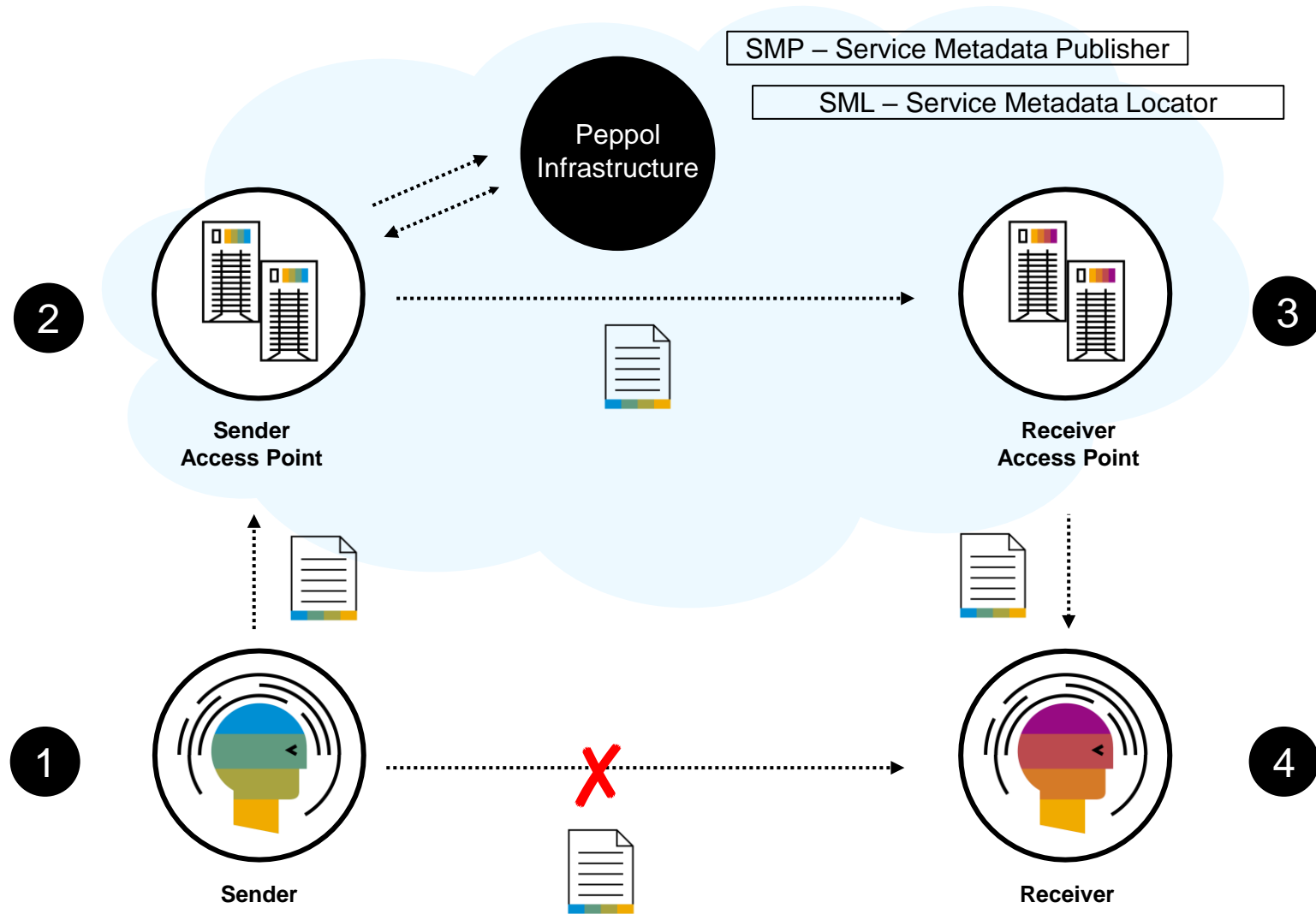
Solution Architecture – SAP Document Compliance

Peppol Exchange service

Suite

| SD Del GI | SD Bill | FI | IS-U | Real Estate | MM returned invoice |

Connector for SAP Document Compliance

Netherlands   Germany   Belgium   Norway   Sweden

SAP Cloud Platform

SAP Document Compliance, cloud edition

SI-UBL   xRechnung-UBL   Peppol-UBL   EFH3   Svefaktura

Recipient

Business Partner   **Business Partner**   **Business Partner**   **Business Partner**   **Business Partner**
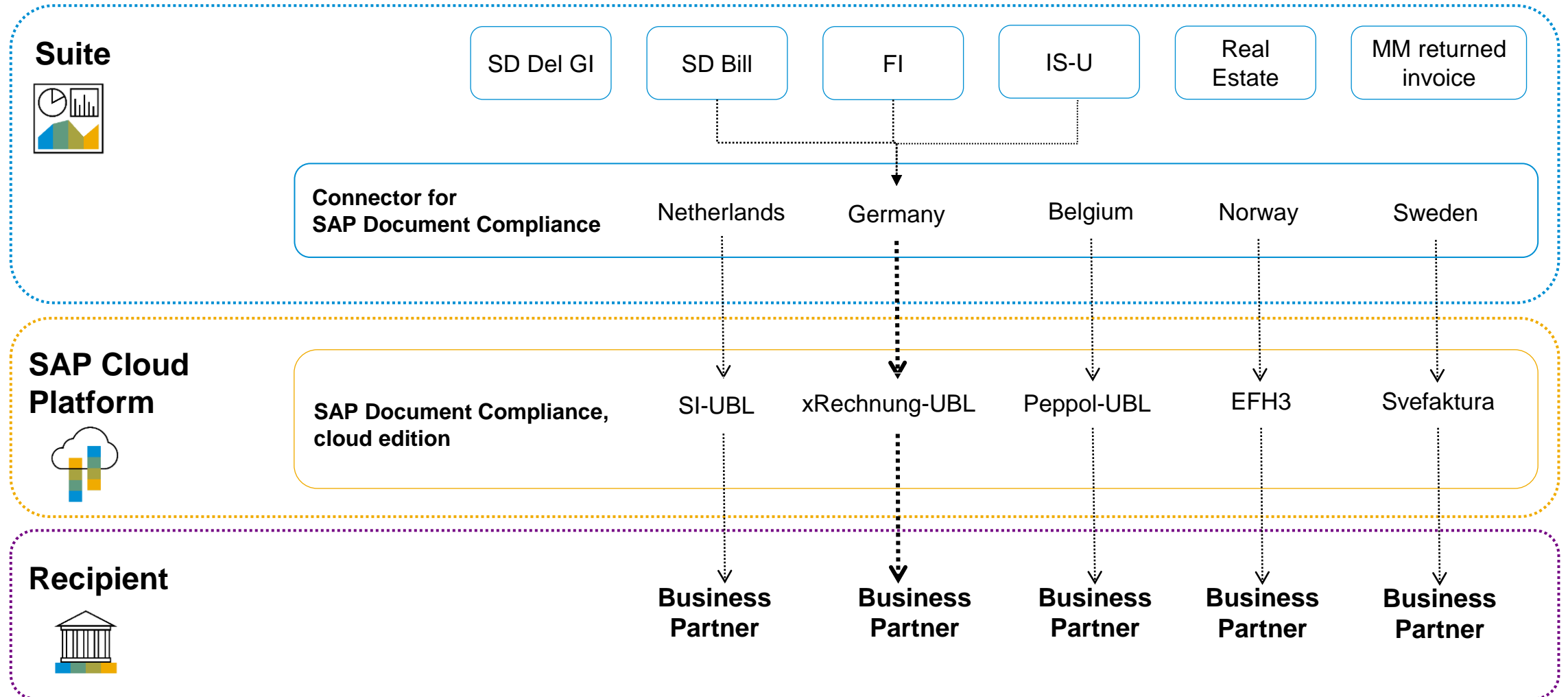
Solution Landscape – SAP Document Compliance for Peppol

SAP ECC or S/4HANA

Document Type 1

Document Type 2

SAP APPL 6.05

SAP Netweaver 7.02

SAP Document Compliance, cloud edition

Peppol Exchange service

Recipient

Local version A

Local version B

- Local Format Mapping
- Business Monitoring

- Communication
- Authentication
- Provider Managed

- Validation
- Approval/Registration

What is the solution about?

SAP Document Compliance is a global solution to address local requirements mandating the submission of electronic documents to authorities or business partners.
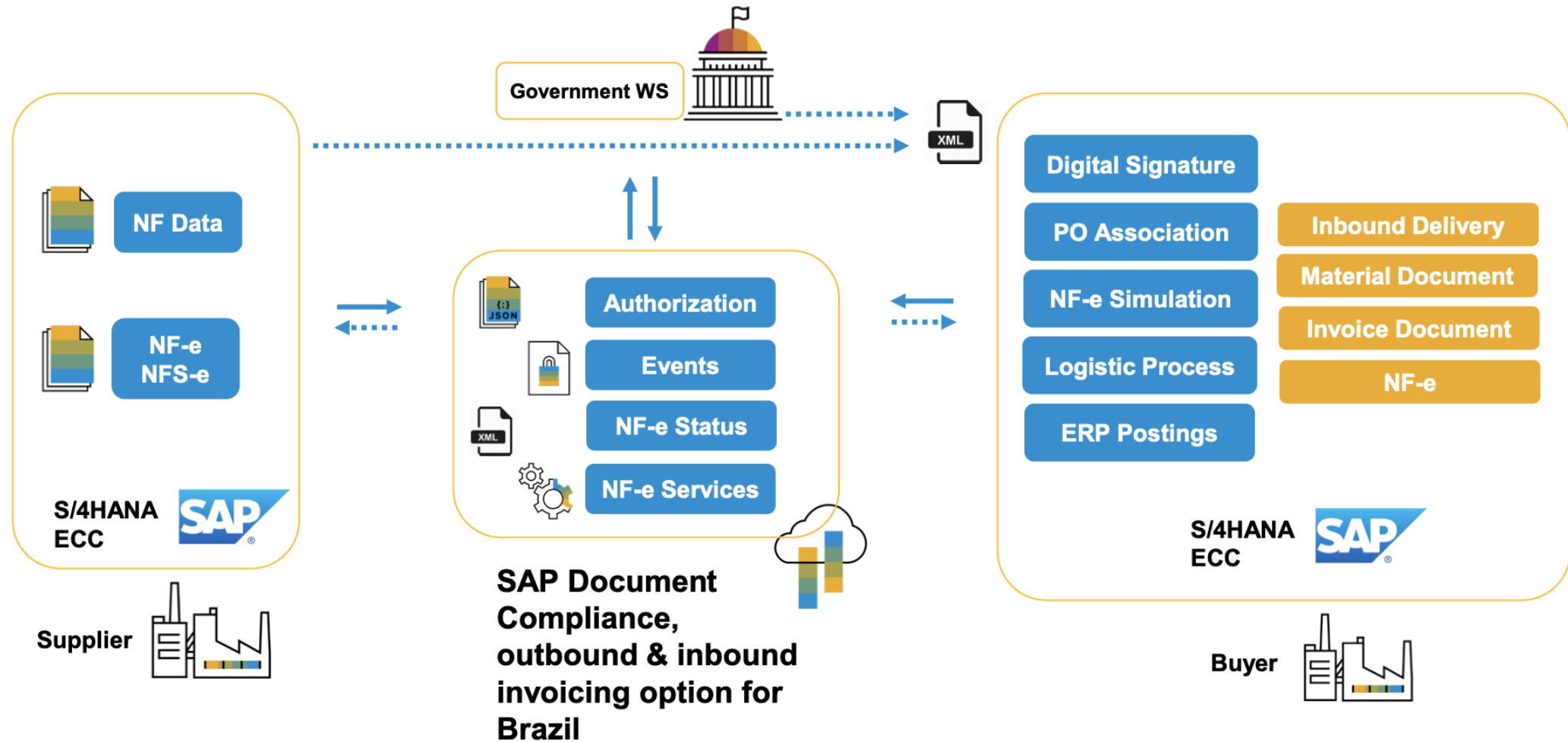
Local versions follow one of the following deployment models:

- PaaS Solutions
  - Based on **SAP Document Compliance, on-premise edition** and **SAP Cloud Platform Integration** to cover e-invoicing and real-time reporting requirements in multiple countries
- SaaS Solutions
  - **SAP Document Compliance, cloud edition** provides the ability to send and receive fully compliant invoices based on the Peppol and ZUGFeRD standards
  - **SAP Document Compliance, outbound invoicing option for Brazil & inbound invoicing option for Brazil** provide the ability to send / receive and further process fully compliant Nota Fiscal documents in Brazil

SAP Document Compliance for Brazil
Overview Business Process Flow

Government WS

NF Data

NF-e
NFS-e

S/4HANA
ECC

Supplier

Authorization

Events

NF-e Status

NF-e Services

SAP Document
Compliance,
outbound & inbound
invoicing option for
Brazil

Digital Signature

PO Association

NF-e Simulation

Logistic Process

ERP Postings

Inbound Delivery

Material Document

Invoice Document

NF-e

S/4HANA
ECC

Buyer

SAP Document Compliance for Brazil – Outbound

SAP Document Compliance, outbound invoicing option for Brazil (nota fiscal eletrônica) enables the communication between your backend system and the tax authorities webservices for outbound documents

It allows you to
– Create electronic documents in legally required XML format

– Connect to SEFAZ and municipal tax authorities webservices

– Create NF-e events such as cancellation, CC-e, etc

– Use online contingency system

– Download XML

– Monitor communication, trace source documents and handle exceptions directly in SAP ERP and

 SAP S/4HANA

SAP Document Compliance for Brazil – Inbound

SAP Document Compliance, inbound invoicing option for Brazil (nota fiscal eletrônica) provides capabilities to automate the receipt of inbound documents for buyers.

It allows you to

– Check XML format, NF-e digital signature and NF-e authorization

– Automate NF-e purchase order assignment

– Simulate the NF-e to check prices and taxes

– Trigger automatically SAP ERP transactions such as inbound delivery creation, goods receipt, invoice receipt and NF-e creation as well

Roadmap
Local Versions
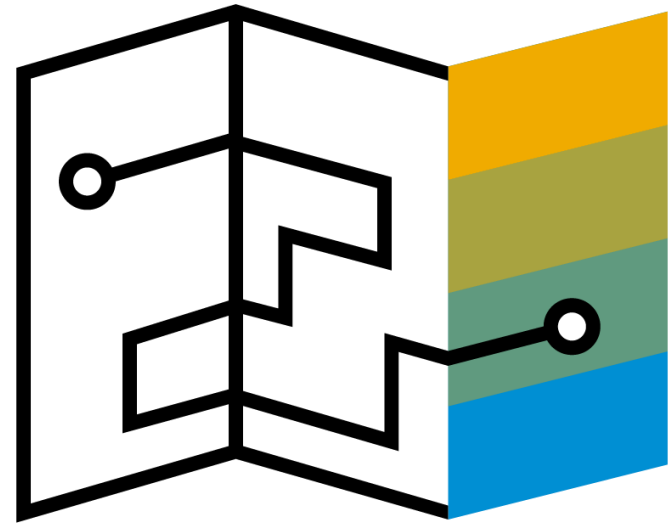
Scenarios for Latin America (Available / Planned*)

Brazil	Chile	Colombia	Mexico	Peru
Customer Invoice	Customer Invoice	Customer Invoice	Payment Receipt	Customer Invoice
Supplier Invoice	Supplier Invoice	Supplier Invoice	Customer Invoice	Consumer invoice
	Delivery Note		Delivery Note	Withholding Tax Certificate
	Consumer Invoice			Tax Collection Certificate
	Ledgers			
	Credit Invoice			

* Planned: This is the current state of planning and may be changed by SAP at any time without notice.

Scenarios for Europe (Available / Planned*)

Greece	Hungary	Italy	Portugal	Spain
Tax Register Books (e-Books)	Transport Registration	Customer Invoice	Customer Invoice	Customer Invoice
	Invoice Registration	Supplier Invoice		Tax Register Books (SII Reporting)
		Purchase Order		

* Planned: This is the current state of planning and may be changed by SAP at any time without notice.

Scenarios for Europe (Available / Planned*)

Belgium [1]	Germany [1]	Netherlands [1]	Norway [1]	Sweden [1]
Customer Invoice	Customer Invoice	Customer Invoice	Customer Invoice	Customer Invoice
Supplier Invoice	Supplier Invoice	Supplier Invoice	Supplier Invoice	Supplier Invoice
		Purchase Order	Purchase Order	

* Planned: This is the current state of planning and may be changed by SAP at any time without notice.

[1] Supported through the Peppol Exchange service of SAP Document Compliance, cloud edition

Scenarios for Europe (Available / Planned*)

Austria [1]

Customer Invoice

Supplier Invoice

Denmark [1]

Customer Invoice

Supplier Invoice

Purchase Order

Poland [1]

Customer Invoice

Supplier Invoice

Ireland [1]

Customer Invoice

Supplier Invoice

* Planned: This is the current state of planning and may be changed by SAP at any time without notice.

[1] Supported through the Peppol Exchange service of SAP Document Compliance, cloud edition

Scenarios for Europe (Available / Planned*)

France [1]

Customer Invoice

Supplier Invoice

Switzerland [1]

Customer Invoice

Supplier Invoice

* Planned: This is the current state of planning and may be changed by SAP at any time without notice.

[1] Supported through the Peppol Exchange service of SAP Document Compliance, cloud edition

Scenarios for APJ (Available / Planned*)

India	Turkey	Thailand	Taiwan, China	South Korea
Invoice Registration (IRN)	Customer Invoice	Customer Invoice	Customer Invoice	Customer Invoice
Transport Registration (eWayBill)	Consumer Invoice		Consumer Invoice	Supplier Invoice
	Supplier Invoice			
	Export Registration			
	Delivery Note			

* Planned: This is the current state of planning and may be changed by SAP at any time without notice.

Scenarios for APJ (Available / Planned*)

Australia [1]	New Zealand [1]	Singapore [1]
Customer Invoice	Customer Invoice	Customer Invoice
Supplier Invoice	Supplier Invoice	Supplier Invoice

* Planned: This is the current state of planning and may be changed by SAP at any time without notice.

[1] Supported through the Peppol Exchange service of SAP Document Compliance, cloud edition

Appendix

Customer
Testimonials
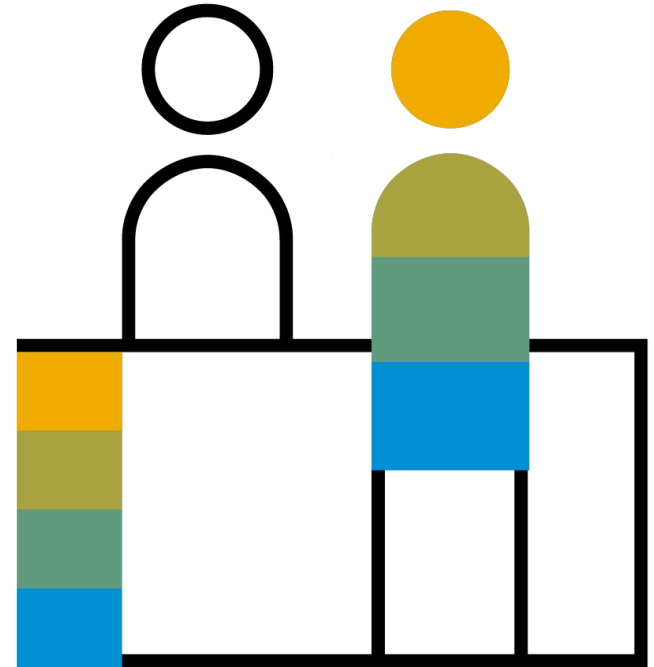
Integrating Digital Transaction Management and Country-Specific Mandates with SAP® Document Compliance

SunChemical®
a member of the DIC group
dic Color & Comfort

Before: Challenges and Opportunities
- Piecemeal compliance efforts due to manual processes or services by multiple providers, with no transparency over performance
- Incomplete digitalization of compliance processes, causing a lack of flexibility to forecast change and respond quickly

Why SAP
- Recognized industry and digitalization know-how
- Expertise for working closely with in-house teams to analyze the current solution landscape and needs for addressing current mandates
- Solid framework for future growth and innovation with SAP® Cloud Platform
- Robust services for country-by-country compliance with the SAP Document Compliance solution

After: Value-Driven Results
- Faster compliance with e-invoicing mandates through functionality for creating and submitting legally compliant HTML data
- Coverage for the company's diverse market through a single solution supporting multiple countries with a wide array of services
- Shorter response time to new mandates, through independent management of connectivity to local authorities
- Cost and time savings through digitalization and simplification of the overall solution landscape

"We saw digital compliance as an opportunity to optimize operational performance and resource management. SAP Document Compliance exceeds expectations by **streamlining our response to increasing regulations** that differ by country."

Aldo Magenes, Global Process Lead, Order to Cash, Sun Chemical Corporation

30%
Faster document processing for accounts payable department

10%
Reduction of invoice processing cycle time

24,000
Nonvalue activities eliminated

Sun Chemical Corporation Parsippany, New Jersey www.sunchemical.com	**Industry** Chemicals	**Products and Services** Printing inks, coatings, and supplies for commercial and industrial markets	**Employees** 20,000	**Revenue** US$7.5 billion	**Featured Solutions** SAP Cloud Platform and SAP Document Compliance

THE BEST RUN SAP

Complying Punctually with Spanish Tax Authorities with SAP® ERP

Newell Brands
Hoboken, New Jersey
www.newellbrands.com

Industry
Consumer products

Products and Services
Well-known brands for homes, workplaces, classrooms, playing fields, and parks

Employees
57,000 worldwide

Revenue
US$16 billion

SAP® Solutions
SAP® ERP application;
SAP ERP, option for
e-document processing;
SAP Cloud Platform
Integration service; and
SAP MaxAttention™ services

As a global supplier of popular consumer and commercial products, Newell Brands is subject to local regulations worldwide. By implementing SAP ERP, option for e-document processing, at its site in Madrid, Spain, it now has software support to comply with local regulations mandating the exchange of electronic documents with tax authorities. SAP MaxAttention services helped it complete the work right on time for the enforcement that began July 1, 2017.

Before: Challenges and Opportunities
- Comply with new tax regulations for business transactions with Spain and within Spain
- Meet the tight deadline to have the new solution in place by July 1, 2017, to avoid penalties

Why SAP
- User-friendly and intuitive solutions
- Experienced, highly cooperative consultants from SAP MaxAttention services
- Prepackaged content from SAP that expedited integration of SAP ERP with the authorities' system
- High integration of SAP software with current ERP software
- An e-document solution that combines the interface management capabilities of the SAP Application Interface Framework tool with SAP Cloud Platform Integration to implement business-to-government communication

After: Value-Driven Results
- Higher security as a result of simplified integration
- Centralized e-document processing
- Full compliance with the Spanish tax authority for electronically transmitting billing records from VAT books
- Ability to react faster in response to changes mandated by the tax authorities

"I've been impressed with the support we received from SAP MaxAttention and how robust SAP Cloud Platform Integration is. Going live in July made us one of the first customers to use this sophisticated solution."

Neil Trigg, IT Director, Newell Brands

100%
Transparency of tax submissions

100%
Compliance with tax regulations

Flexible
Electronic transmission of invoices

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Studio SAP | 54028enUS (17/10) | This content is approved by the customer and may not be altered under any circumstances.

50

Easing International Tax Compliance with Help from SAP® Document Compliance

Alfred Kärcher SE & Co. KG
Winnenden, Germany
www.kaercher.com

Industry
Industrial machinery and components

Products and Services
Manufacturing of cleaning systems, products, and related services for home, garden, commerce, and industry

Employees
>13,000

Revenue
€2.5 billion (2018)

SAP® Services
SAP® Document Compliance service, on-premise edition, and SAP Cloud Platform Integration service

As the leading provider of cleaning technology worldwide, Kärcher has subsidiaries in more than 70 countries – each with its own invoicing and tax requirements. To bring e-document, tax, and invoice management onto a single IT framework, Kärcher is using the SAP Document Compliance service.

Before: Challenges and Opportunities
- Fulfill local tax requirements and process customer invoices for international branch offices
- Simplify international and regional regulatory compliance to help ease future expansion
- Implement a standardized e-document and tax management solution with a single architecture framework

Why SAP
- Strong cooperation between SAP and local tax authorities around the world to provide solutions that can be used across a global enterprise
- E-document solutions from SAP that support a wide range of countries and languages and come with a clear road map for future functionality
- Solution expertise, advisory, and implementation support from the SAP Digital Business Services organization
- Integration of SAP Document Compliance, on premise edition, with the SAP HANA® business data platform and SAP Cloud Platform using the SAP Cloud Platform Integration service

After: Value-Driven Results
- E-document framework that covers operations in Spain, Mexico, Hungary, Colombia, and Italy
- Deployment in each country on time and within budget
- Tax filing that complies with the regulations and meets the deadlines for each country
- Standard e-document framework and tax management solution for all countries, streamlining processes and lowering total cost of ownership (TCO)

One
E-document framework to manage compliance in multiple countries

Lower
TCO through centralized e-document management

On-time
Deployments in five countries, with more rollouts planned

"SAP Document Compliance makes managing international tax requirements much easier. SAP Digital Business Services was key in helping to get it set up. We are now planning to expand the solution to other countries."

Dr. Daniel Heubach, Vice President Information Technology and Digital Transformation, Alfred Kärcher SE & Co. KG

How Does a Common Platform Cut Complexity in Meeting E-Invoicing Regulations in Multiple Countries?

Operating 18 production sites and 80 international subsidiaries across the globe

As the corporate services arm of Friedhelm Loh Group, Loh Services GmbH & Co. KG provides financial and management accounting, IT, and human capital management services for the organization globally. The parent company invents, develops, and produces customized products and system solutions for industry, commerce, and trade. Facing stronger regulatory pressure to enable the exchange of electronic invoices (e-invoices) with its customers in more countries, Loh Services sought to **streamline and simplify its e-invoicing processes** across Scandinavia.

THE BEST RUN **SAP**

Loh Services optimized its invoice management processes, enabling operational savings, efficiency, and flexibility.

Loh Services GmbH & Co. KG implemented SAP® Document Compliance, invoicing option for Peppol, allowing the organization to:

- Automate the exchange of invoices and related documents in electronic form with authorities and business partners, using a single user interface for multiple countries
- Ease compliance with e-invoicing regulations in the countries in which it does business
- Take advantage of fast and reliable invoice processing, connecting 420 customers in two months and sending 1,200 invoices in three months
- Eliminate the need for human intervention in invoice management tasks, resulting in significant savings
- Reduce the cost of implementing e-invoicing per customer by more than 75%
- Shut down legacy systems previously used for sending invoices in Sweden and eliminate the need for manual handling of invoices in Norway

"By adopting SAP Document Compliance, invoicing option for Peppol, all our invoices are sent directly to customers, **eliminating manual invoice processing** and saving our business about one hour every day."

Karsten Vor, Chief Information Officer, Loh Services GmbH & Co. KG

Loh Services GmbH & Co. KG
Haiger, Germany
www.friedhelm-loh-group.com/en

Industry
Industrial machinery
and components

Employees
12,500

Revenue
€2.6 billion

Featured Solutions and Services
SAP Document Compliance,
invoicing option for Peppol

THE BEST RUN **SAP**

mindray

How Does a Medical Devices Firm Ensure Its Electronic Invoicing Processes Exceed Expectations?

Making healthcare more accessible in more than 100,000 hospitals worldwide

Helping customers to deliver quality care in a safe, secure, and affordable environment, Shenzhen Mindray Bio-Medical Electronics Co., Ltd. is a **leading developer, manufacturer, and supplier of medical devices**. The global company is on a mission to make healthcare more accessible and delivers advanced technology to hospitals in almost 200 countries worldwide. Needing to comply with mandatory electronic invoicing requirements in Italy, Mindray decided to replace its existing solution that was potentially putting the business at risk of noncompliance. The company opted to use the latest cloud technologies supported by expert knowledge.

THE BEST RUN **SAP**

Mindray uses a unified platform to **receive and monitor electronic invoices** while improving operational efficiency.

Mindray called on SAP® MaxAttention™ services to implement the SAP Document Compliance service, invoicing option for Italy, ensuring:

- Successful replacement of the existing third-party silo-based solution with an advanced hybrid solution based on SAP Cloud Platform
- Compliance with local regulations, enabling the business to send electronic documents to trading partners and regulatory authorities
- Smooth integration with the SAP ERP application, enabling the IT team in the company's head office to centrally monitor the new electronic document framework
- Simplified and standardized compliance processes in multiple countries, with a unified user experience and a reduced set of tools
- Readiness to roll out the SAP Document Compliance service in other countries with one united expert team from SAP on hand using country-specific scenarios

"With SAP MaxAttention services, we successfully implemented the hybrid-based SAP Document Compliance service, invoicing option for Italy, in just eight weeks – becoming the first business in the world to do so."

Wang Lue, Application Development and Support Manager, Shenzhen Mindray Bio-Medical Electronics Co., Ltd.

Mindray

Shenzhen Mindray Bio-Medical Electronics Co., Ltd.
Shenzhen, China

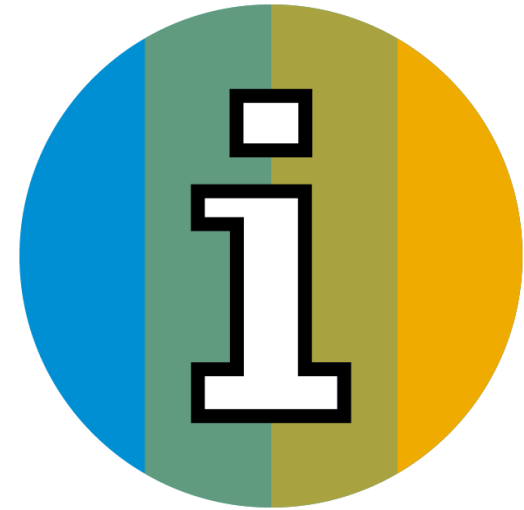**Industry**
Life sciences

Employees
10,000

Revenue
US$1.8 billion

Featured Solutions and Services
SAP MaxAttention services, SAP Cloud Platform, and SAP Document Compliance service, invoicing option for Italy

THE BEST RUN SAP

Where to find more
Information

Where to find which information

New legal requirements and legal changes:

Legal change notification [service](#)

- First point of information about upcoming regulations affecting SAP Products, impact, timelines and expected solution
- Updated with link to overview note once released

Local variants under development:

Early Customer Engagement [JAM](#)

- Preliminary information about solution scope and design
- Webinars
- Engagement platform for Q&A before solution release

Solutions already released (in General Availability):

SAP Document Compliance in the SAP [Community](#)

- Links to all relevant information in one page
- Blogs, articles, presentations and expert discussions around SAP Document Compliance

Useful links

[Troubleshooting Guide](#)

[Classroom Training](#)

[Development Guide](#)

[Recorded Webinar Series](#)

[Youtube Playlist](#)

[External Customer and Partner Engagement JAM](#) (access request via Mail to gsjam@sap.com)

[Product Page](#)

Thank you.

SAP Globalization Services – Document Compliance

SAP SE

globalization@sap.com

Globalization Services
Local solutions. Global success.

THE BEST RUN SAP