
sni
Are you ready for
Germany e-Invoice
System with SNI?

About SNI

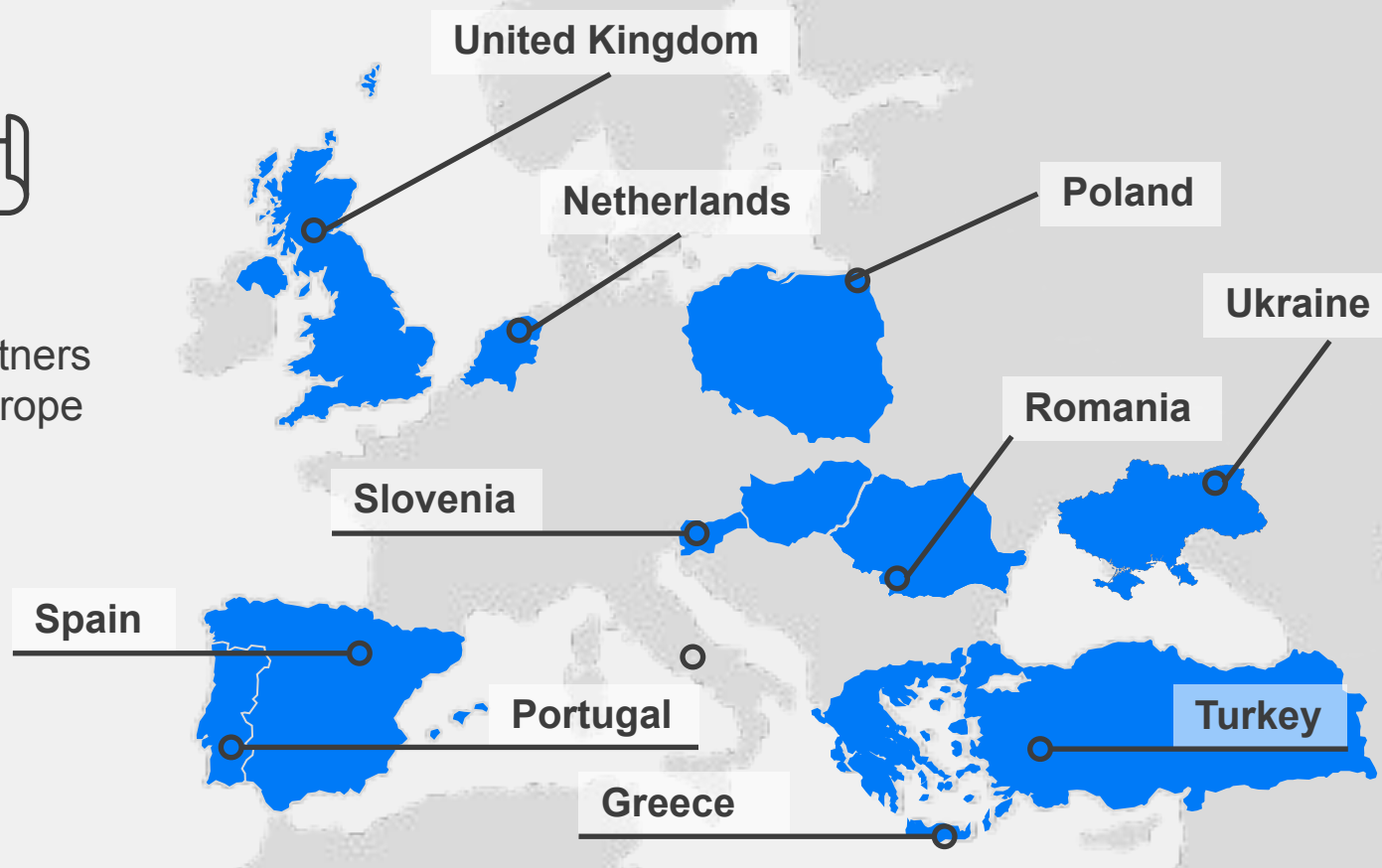
Founded in
2006

~100
employees

9
offices/partners
across Europe

30+
country
solutions

1000+
clients
(85% multinationals)



500 Technology Fast 500 2016 EMEA

SAP Global Partner

GENA

Peppol Access Point CERTIFIED PROVIDER

Germany e-Invoice

B2B (Under Growth Opportunities Act) and B2G e-invoicing

Submitted electronically via Peppol or other compliant channels

XRechnung (XML), ZUGFeRD (hybrid PDF/XML), EN 16931-compliant

Timeline

- **27 Nov 2020:** B2G e-invoicing
- **1 Jan 2025:** All businesses must be able to receive e-invoices
- **1 Jan 2027:** Large taxpayers (≥ €800K turnover) must issue e-invoices.
- **1 Jan 2028:** All taxpayers must issue e-invoices.

Structured e-invoices

Structured e-invoices (XRechnung/ZUGFeRD) exchanged through Peppol or other compliant channels.



Who Is SNI Germany E-Invoice Solution For?

Designed to meet diverse enterprise, operational, and regulatory requirements across Germany and Europe.

SAP-Based Companies

Seamless integration with SAP ECC, S/4HANA, and SAP BTP, supporting Clean Core principles without intrusive customizations.

ERP-Agnostic Integration

Flexible, ERP-independent architecture for custom or third-party legacy systems.

German Entities

Local German businesses preparing for the 2025–2028 mandatory e-invoicing roadmap.

Multinational Enterprises

Global companies operating in Germany requiring localized compliance solutions.

ZUGFeRD Processors

Organizations handling hybrid PDF/XML format invoices seamlessly.

European Tax Centralization

Tax teams seeking unified multi-country compliance via Peppol connectivity.

Important Points

01. Public Procurement Mandate

As of 27 November 2020, the German Federal Government will not accept paper or pdf invoices for public procurement contracts.

02. Implementation Timeline

From 1 January 2025, businesses must be able to receive structured e-invoices; mandatory issuance starts on 1 January 2027 for businesses with prior-year turnover above €800,000 and on 1 January 2028 for the remaining businesses.

03. Accepted E-Invoice Formats

Germany accepts two structured e-invoice formats: XRechnung, a pure XML standard used mainly for B2G transactions, and ZUGFeRD, a hybrid format combining a human-readable PDF with embedded XML data—both fully compliant with EN 16931 requirements.

04. Transmission Infrastructure

Germany has no central e-invoicing platform; during the 2025–2028 rollout, businesses may exchange invoices directly, via Peppol, or through any EN 16931-compliant channel.

Benefits of SNI Germany E-Invoice Solution

An integrated and scalable e-invoicing architecture designed for both inbound and outbound German compliance.

Compliance & Formats

- **German Compliance:** Supports key German e-invoicing formats, including XRechnung and ZUGFeRD.
- **Peppol Network:** Leverages Peppol connectivity for national and cross-border e-invoicing.

SAP & ERP Integration

- **Dedicated SAP Solution:** Integrates with SAP ECC 4.7+, R/3, S/4HANA, and SAP BTP.
- **Minimal Impact:** No SAP version upgrades required to integrate SNI solutions.
- **ERP-Independent:** Flexible architecture for non-SAP systems.

End-to-End Automation

- **Complete Lifecycle:** Manages data extraction, mapping, processing, and transmission.
- **Reduced Manual Work:** Automates processing and reconciliation with POs and records.

Invoice Cockpit & Visibility

- **Inbound Cockpit:** Access incoming invoices in XML, HTML, and PDF formats.
- **Centralized Monitoring:** Full visibility over incoming and outgoing invoice flows.

Direct XML Processing

- **No OCR Required:** Incoming structured XML invoice data is processed directly without OCR.
- **Automated Components:** Auto-creates structured XML and PDF parts directly from SAP.

Future-Ready Foundation

- **Global Scalability:** Scalable foundation for Germany and multi-country tax mandates.
- **Peppol Access Point:** SNI is a certified Peppol Access Point provider.

Why SNI Germany E-Invoice Solution?

SNI Germany E-Invoice Solution provides:

Compliance & Standards

- **XRechnung & ZUGFeRD** support
- **Peppol connectivity** through SNI
- Scalable **SNI tax compliance architecture** for multinational companies

Integration & Architecture

- **SAP-integrated SNI e-invoicing** architecture
- Support for **SAP ECC, SAP R/3, SAP S/4HANA and SAP BTP**
- **ERP-independent SNI e-invoicing** capabilities

Invoicing & Visibility

- **Inbound & outbound e-invoicing** capabilities
- **SNI Inbound Cockpit** for invoice visibility and management
- **Minimal impact** on existing SAP systems

Automation & Efficiency

- **End-to-end data extraction**, mapping and transmission
- **Automated invoice processing** and reconciliation
- **Reduced manual processing** and improved operational efficiency

SNI vs. Traditional Invoice Processing

Traditional Process

ERP → PDF → Email → Manual Processing → OCR → ERP

SNI E-Invoice Process

ERP → SNI → Structured Invoice → Validation → Electronic Exchange → Automated Processing

XRechnung vs. ZUGFeRD

Technical Aspect Comparison

Technical Aspect	XRechnung	ZUGFeRD
Format Type	Purely structured electronic invoice	Hybrid electronic invoice
File Structure	XML only	PDF/A-3 + embedded XML
Syntax	UBL or UN/CEFACT CII	UN/CEFACT CII
European Standard	Based on EN 16931	Based on EN 16931 depending on profile
Human Readability	No visual document included	Yes – PDF/A-3 provides the visual representation
Machine Readability	Fully machine-readable XML	XML component is fully machine-readable
Automated Processing	Designed for automated processing	XML enables automated processing
XML as Invoice Data	XML is the invoice	Embedded XML is the legally relevant structured invoice data
Validation	XML schema + business-rule validation	XSD + Schematron validation according to applicable profile
Data Exchange	Can be exchanged through Peppol and other supported channels	Can be exchanged through supported channels, including Peppol
ERP/AP Systems	Direct XML processing	XML can be extracted and processed automatically
SNI Support	**SNI can generate, validate and transmit XRechnung**	**SNI can generate and process ZUGFeRD invoices**
SNI SAP Integration	**SNI extracts SAP data and generates required XRechnung XML**	**SNI extracts SAP data and generates XML + PDF/A-3 package**
SNI Monitoring	**Managed through SNI e-invoicing processes/cockpit**	**Managed through SNI e-invoicing processes/cockpit**

Germany E-Invoicing

Frequently Asked Questions Part 1

1. What is SNI Germany E-Invoice Solution?

SNI Germany E-Invoice Solution helps businesses generate, validate, exchange and manage German electronic invoices. SNI supports key German e-invoicing formats, including **XRechnung and ZUGFeRD**, and provides integration with SAP and other ERP systems.

2. Does SNI support XRechnung?

Yes. **SNI Germany E-Invoice Solution supports XRechnung**, including the generation and processing of structured XML invoices and their electronic transmission through applicable channels.

3. Does SNI support ZUGFeRD?

Yes. SNI supports **ZUGFeRD**, including the structured XML invoice data and the PDF/A-3 component used in the hybrid invoice format.

4. What is the difference between XRechnung and ZUGFeRD?

XRechnung is a structured XML-based e-invoice format, while **ZUGFeRD** combines structured XML invoice data with a human-readable PDF/A-3 document. SNI supports both formats through its Germany e-invoicing solution.

5. Can SNI integrate German e-invoicing with SAP?

Yes. SNI provides **SAP-integrated German e-invoicing capabilities**. SNI can extract invoice data from SAP and transform it into the required German e-invoice format.

6. Which SAP systems does SNI support for German e-invoicing?

SNI supports **SAP ECC, SAP R/3, SAP S/4HANA and SAP BTP** integration scenarios. SNI also provides ERP-independent capabilities for companies using non-SAP ERP systems.

7. Does SNI support Peppol for German e-invoicing?

Yes. **SNI provides Peppol connectivity** for electronic document exchange and can support Peppol-based German and cross-border e-invoicing scenarios.

8. Can SNI integrate German e-invoicing with non-SAP ERP systems?

Yes. SNI supports German e-invoicing integration with **various other ERP systems**, including **Oracle, Microsoft Dynamics, and others.** Through its **ERP-independent e-Doc Suite solution**, businesses can manage German e-invoicing requirements.

Germany E-Invoicing

Frequently Asked Questions Part 2

9. Does SNI support both inbound and outbound German e-invoicing?

Yes. SNI Germany E-Invoice Solution supports both **outbound invoice generation and transmission** and **inbound electronic invoice processing**.

10. How does SNI process incoming German e-invoices?

SNI can receive structured electronic invoices, validate and process the invoice data, and provide centralized visibility through the **SNI Inbound Cockpit**.

11. Can SNI convert ERP invoice data into XRechnung or ZUGFeRD?

Yes. SNI extracts relevant invoice data from the ERP system and performs the required **mapping and transformation** to generate the applicable German e-invoice format.

12. Does SNI validate German e-invoices before transmission?

Yes. SNI's e-invoicing architecture supports **invoice validation** before electronic transmission, helping identify technical and data-related issues before submission.

13. Can SNI support German e-invoicing without major SAP changes?

Yes. SNI's SAP integration approach is designed to minimize the impact on the existing SAP environment and avoid unnecessary changes to the SAP core.

14. Can SNI Germany E-Invoice Solution be used for multinational companies?

Yes. SNI Germany E-Invoice Solution can form part of a broader **SNI global tax compliance architecture**, allowing multinational organizations to manage Germany together with other country-specific e-invoicing and tax reporting requirements.

Why SNI for Germany E-Invoicing?

01

One Solution

XRechnung + ZUGFeRD + inbound + outbound

02

One Integration Layer

SAP and ERP-independent connectivity

03

One Compliance Architecture

Germany + global tax requirements

04

One Connectivity Strategy

Peppol and applicable exchange channels

05

One Monitoring Environment

Centralized processing and invoice visibility



How can SNI help you?

Peppol e-Invoicing

SNI SAP Solution

Simple, automated extraction

Seamless Cloud Update & Configuration

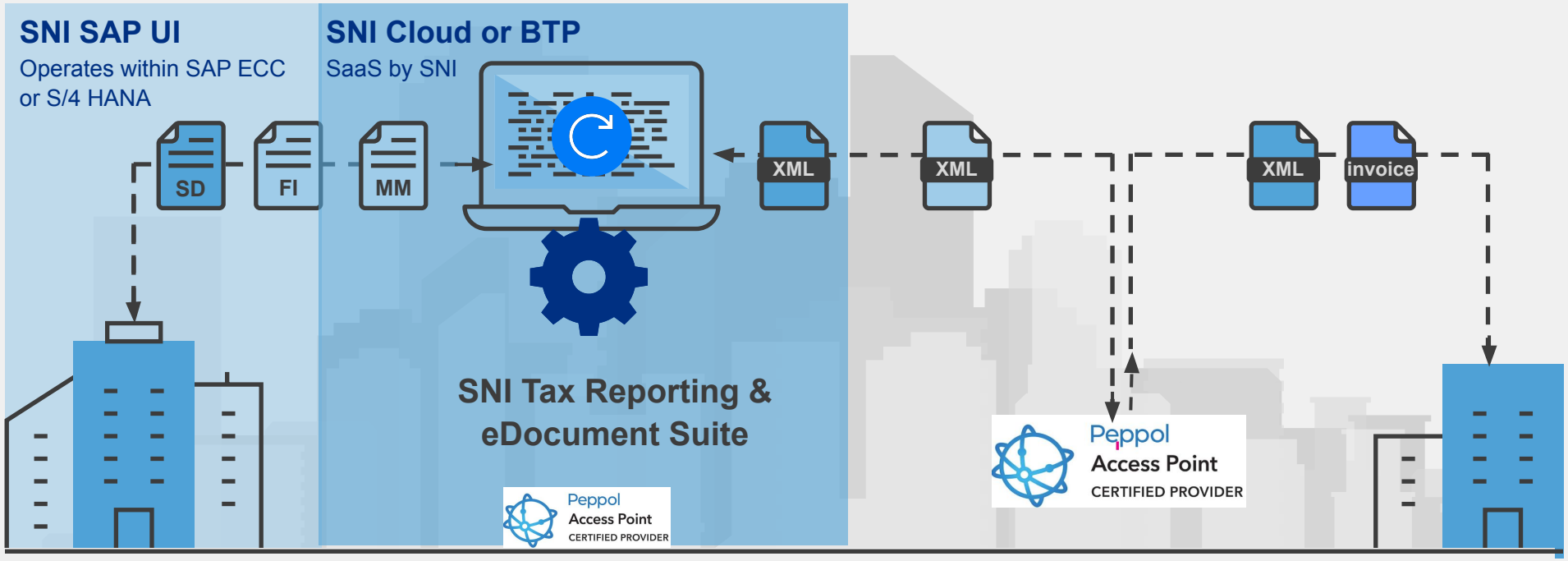
Seamless Transmission via Peppol Network or email

Validate file and transmit

VAT, Reconciliation etc.

Easy user monitoring

Less objects, no transport



Sender

Acces Point of Seller (If the seller is on the Peppol Network; otherwise, via email.)

Receiver

Peppol e-Invoicing

SNI e-Doc Suite Solution

Simple, automated extraction

VAT, Reconciliation etc.

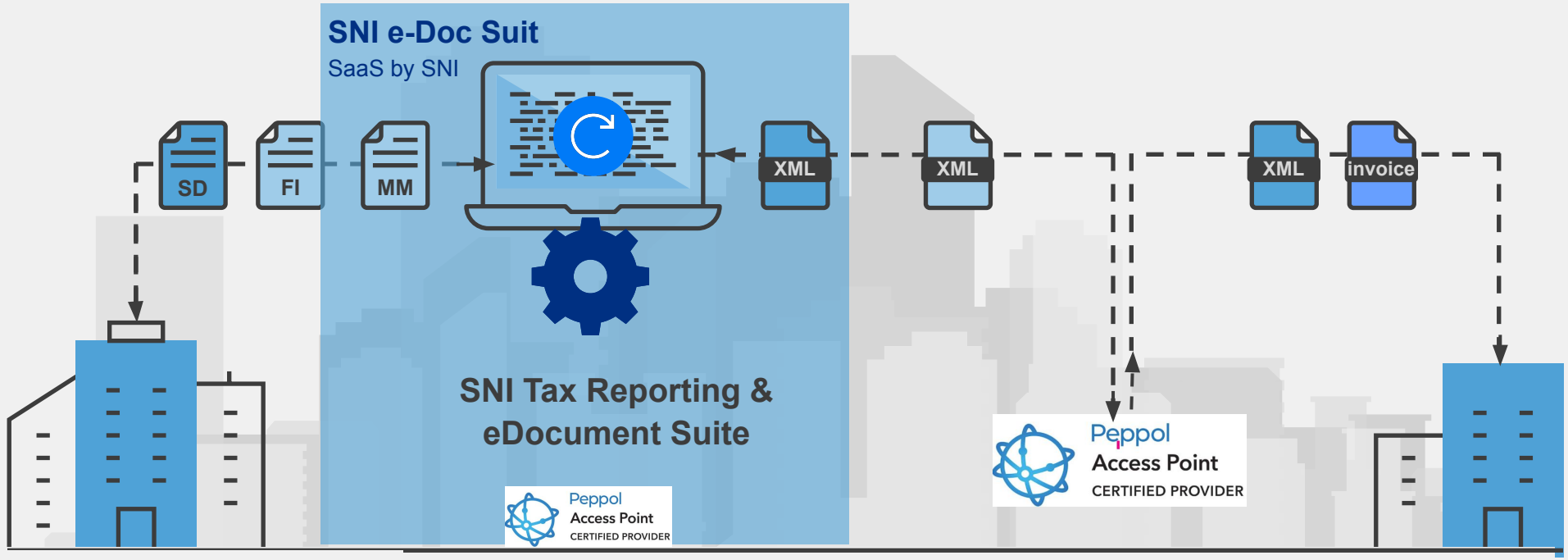
Seamless Cloud Update & Configuration

Easy user monitoring

Seamless Submission

Less objects, no transport

Validate file and transmit



Sender

ERP (Oracle, Microsoft Dynamics, etc.)
POS systems and devices

Acces Point of Seller (If the seller is on the Peppol Network; otherwise, via email.)

Receiver



Worldwide Solutions and Roadmap

Worldwide Current Solutions

SAF-T & VAT Reporting

- Austria SAF-T
- Bulgaria SAF-T
- Czech Republic SAF-T
- Denmark SAF-T
- France FEC
- Hungary RFHUAUDIT
- Lithuania SAF-T
- Luxembourg FAIA
- Norway SAF-T
- Norway VAT Return
- Poland JPK
- Portugal SAF-T
- Romania SAF-T
- Turkey e-Ledger
- Ukraine SAF-T
- UK Making Tax Digital

e-Invoicing

- AP Automation (SAP Solution)
- Belgium e-Invoice
- Croatia e-Invoice
- Denmark e-Invoice
- Egypt e-Invoicing
- Egypt e-Receipt
- France e-Invoicing
- Germany ZUGFeRD
- Germany X-Rechnung
- Greece e-Invoice
- Vietnam e-Invoice
- Iceland e-Invoice
- Indonesia e-Faktur
- Israel e-Invoice
- Italy FatturaPA
- Malaysia e-Invoice
- Poland e-Faktur
- Portugal e-Invoice
- Romania e-Factura
- Saudi Arabia e-Invoice
- Serbia e-Faktura
- Turkey e-Invoice

Invoice Reporting

- Greece myDATA
- Hungary RTIR
- Spain SII
- Turkey e-Archive

Other Services

- Egypt e-Signature
- Greece e-Delivery
- Kazakhstan Pharmaceutical Traceability System
- Poland Whitelist
- Portugal QR & ATCUD Code
- Romania e-Transport
- Serbia e-Delivery
- Turkey PanoSign (Digital Signature Platform)
- Turkey e-Bank
- Turkey e-Accounting Receipt
- Turkey e-Declaration
- Turkey e-Inventory
- Turkey e-Note of Expenses
- Turkey e-Producer Receipt
- Turkey e-Reconciliation
- Turkey e-Waybill
- Turkey VAT Number Validation
- VIES

Future Regulatory Enhancements

Q4 2026

- **Oct- Greece** e-Delivery, Mandatory (Phase B)
- **July- UAE** e-Invoice, Pilot Phase
- **Oct- Greece** B2B e-Invoice, Mandatory (other taxpayers)

Q1-Q2 2027

- **Jan - Slovakia** B2B e-Invoice, Mandatory
- **Jan-Germany** B2B e-Invoice, Mandatory
- **Jan-Bulgaria** SAF-T Mandatory (SMEs)
- **Jan- UAE** e-Invoice, Mandatory (Phase 1-2)
- **Apr- North Macedonia** e-Invoice, Mandatory
- **Apr - Oman** B2B e-Invoice, Mandatory
- **Norway** B2B e-Invoice, Mandatory
- **Portugal** SAF-T Accounting, Mandatory
- **Jan-Hungary,** eVAT Return, Mandatory

Q3-Q4 2027

- **Sep-France** e-Invoice, Mandatory (SMEs)
- **Oct-Spain** B2B e-Invoice, Mandatory
- **Oct-Serbia** B2B e-Delivery, Mandatory

2028-2029

- **Jan 2028 - Germany** B2B e-Invoice, Mandatory (SMEs)
- **Jan 2028 - Slovenia** B2B e-Invoice, Mandatory
- **Jan 2028 - Latvia** B2B e-Invoice, Mandatory
- **Nov 2028- Ireland** B2B e-Invoice, Mandatory (large taxpayers)
- **Apr 2029- UK** B2B e-Invoice, Mandatory



Thank you

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