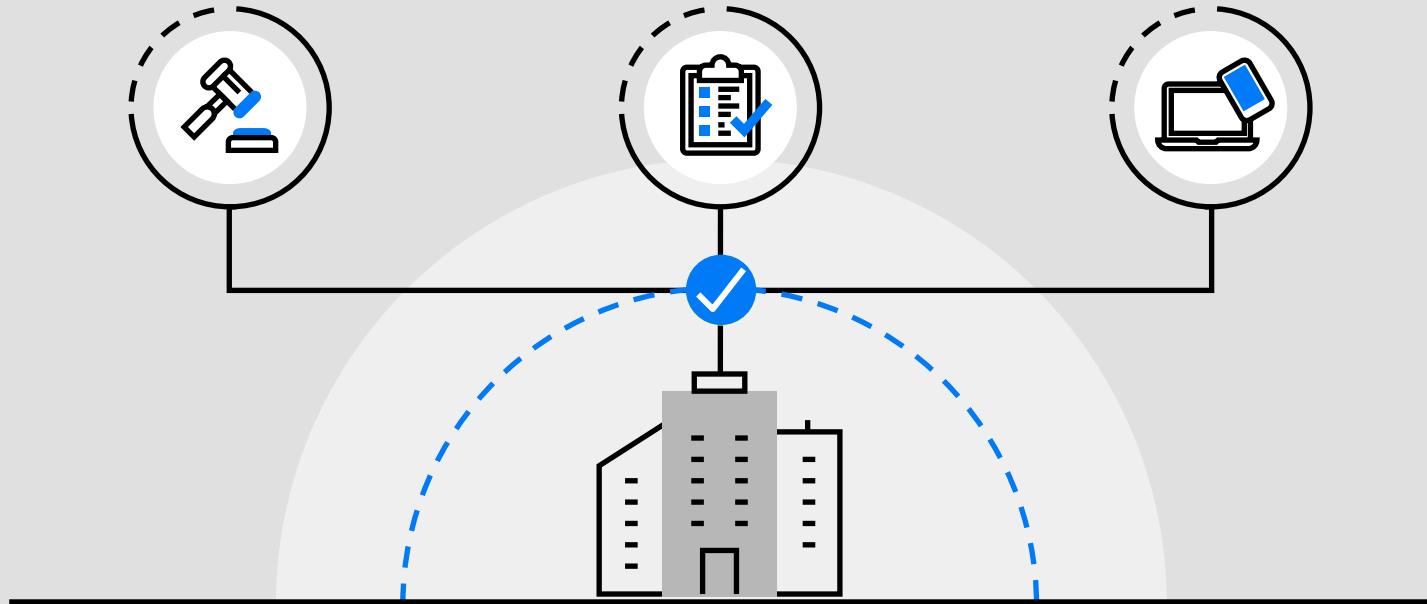




Germany B2G e-Invoice

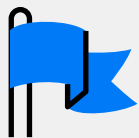


Executive summary



SNI solutions can help you stay compliant in the new digital world

About SNI



Founded in
2006



~100
employees



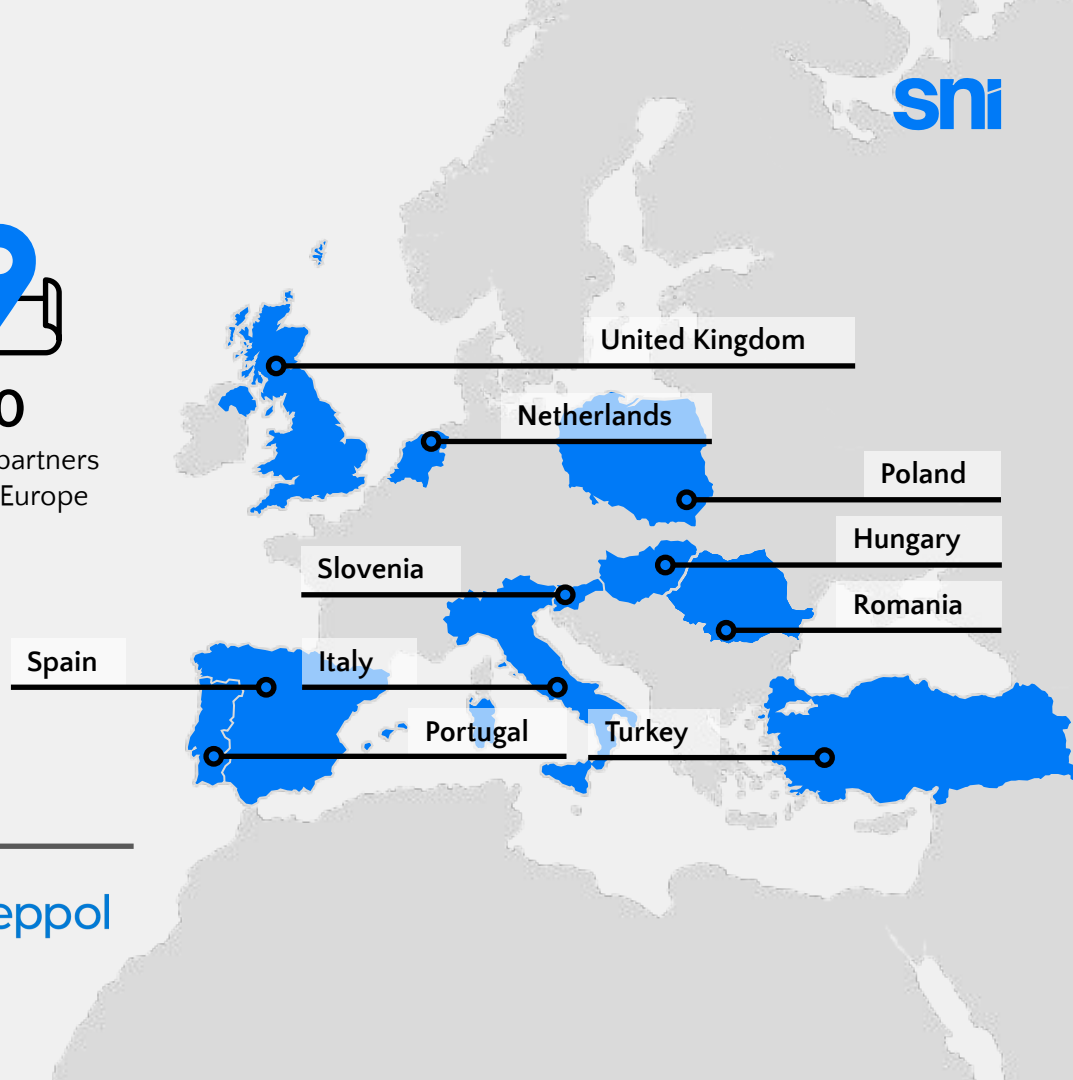
10
offices/partners
across Europe



30+
country
solutions



500+
clients
(70% multinationals)



500
Technology Fast 500
2016 EMEA
Deloitte



SNI Solutions Worldwide



Our products are used by businesses
across the globe



- Invoice Reporting
- SAF-T & VAT Rep.
- e-Invoicing

Our Clients*



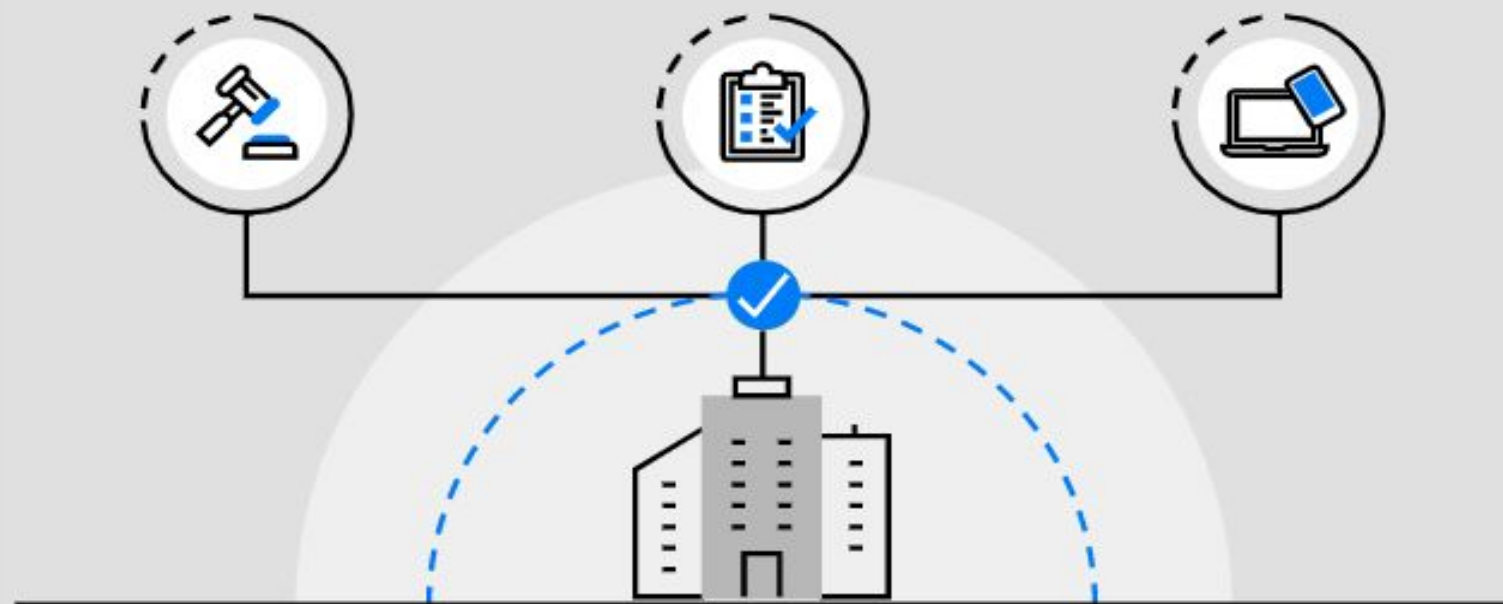
*Some of our global clients that we have logo display permission



e-Invoicing in Germany



Executive summary



SNI solutions can help you stay compliant in the new digital world

Regulation for e-Invoicing in Germany



- As of 27 November 2020, German Federal Government and Bremen will only accept electronic invoices in public procurement contracts.
- B2B e-invoicing will stay optional, however it is recommended by the government to exchange invoices in electronic format between businesses.
- The government accepts only the XML version of the invoice.

For the submission to the government portals, below methods could be used:

- Manual
- Email
- De-Mail (electronic government communications service to exchange legal electronic documents between citizens, authorities, and businesses on a secure and confidential network)
- Webservice via PEPPOL

The e-bill ordinance (ERechV):

27 November 2018: all federal authorities must accept e-invoices in the Xrechnung format or other formats compliant with the EU standard on e-invoicing.

27 November 2019: all other sub-central authorities (federal tax offices, police authorities, federal universities, hospitals, etc.) had to do the same

27 November 2020: Government vendors must issue and transmit invoices to federal authorities in electronic form using an administration portal. The electronic invoicing obligation does not apply to invoices which are placed after the fulfillment of a direct order up to an amount of EUR 1,000.

X-Rechnung

- X-rechnung is the official e-invoice format for E-rechnung, operated by KoSiT (coordination office for IT standards) which is also the official peppol authority in Germany
- The purpose of X-Rechnung is the electronic invoice data exchange with the German Government. Only the XML version is required.
- Generated XML files in Xrechnung format can be transmitted via peppol to the government portals like ZRE and OZG-RE.
- Routing ID (Leitweg ID) is a unique ID which identifies the invoice recipient and is used to forward the received invoices via Government portals to the receiving administrative units.

Grobadressierung Bis zu 12 Stellen Stellt Eindeutigkeit bzgl. nach- gestellter Feinadressierung her	Feinadressierung derzeit bis zu 10 Stellen	Prüfziffer zwei Stellen
991	- 1234567890	- 12

- ZUGFeRD is another Germany-based e-invoice format which was developed by Ferd. It been used for some time to exchange electronic invoices between companies.
- It is a hybrid format with human readable PDF and machine readable XML. The human readable PDF attachment is the main difference between ZUGFeRD and XRechnung.
- Zugferd v2.1 has a profile conforms to the EU e-invoicing format, EN 16931. Thus, it can be used for B2B transactions in Germany.
- Moreover, v2.1 is identical to French E-invoicing format Factur-X v1.0. Thus, Zugferd now can be used to exchange invoices between Germany and France in electronic format, if ERP/accounting systems of the both sides are upgraded accordingly. Furthermore, it could be used for B2B and B2G e-invoicing in France.
- On July 1, 2020, ZUGFerd 2.1.1 was released. The pure XML version of Zugferd with profile xrechnung is officially accepted by the Federal Government and Bremen for public transactions. Note that there is no technical difference between XRechnung profile in ZUGFeRD and XRechnung maintained by KoSiT.

ZUGFeRD 2.1 / Faktur-x 1.0.0.5 Profiles



1. Minimum:

In this profile, it includes the fundamental information of the invoice which are seller and buyer, the total invoice amount and the total sales tax. It does not provide the breakdown of sales tax.

2. Basic WL:

It only includes the information at the document level. It does not include any invoice item.

* Minimum and Basic WL don't contain all invoicing information required in Germany and should therefore not be used in Germany

3. Basic:

This profile is a subdivision of EN16391. It is allowed to use for basic VAT compliant invoices.

4. EN 16391 (Comfort):

This profile is fully compliant with EU standards and it illustrates the core elements of an invoice. Fully fit for B2B e-invoicing in Germany.

5. Extended:

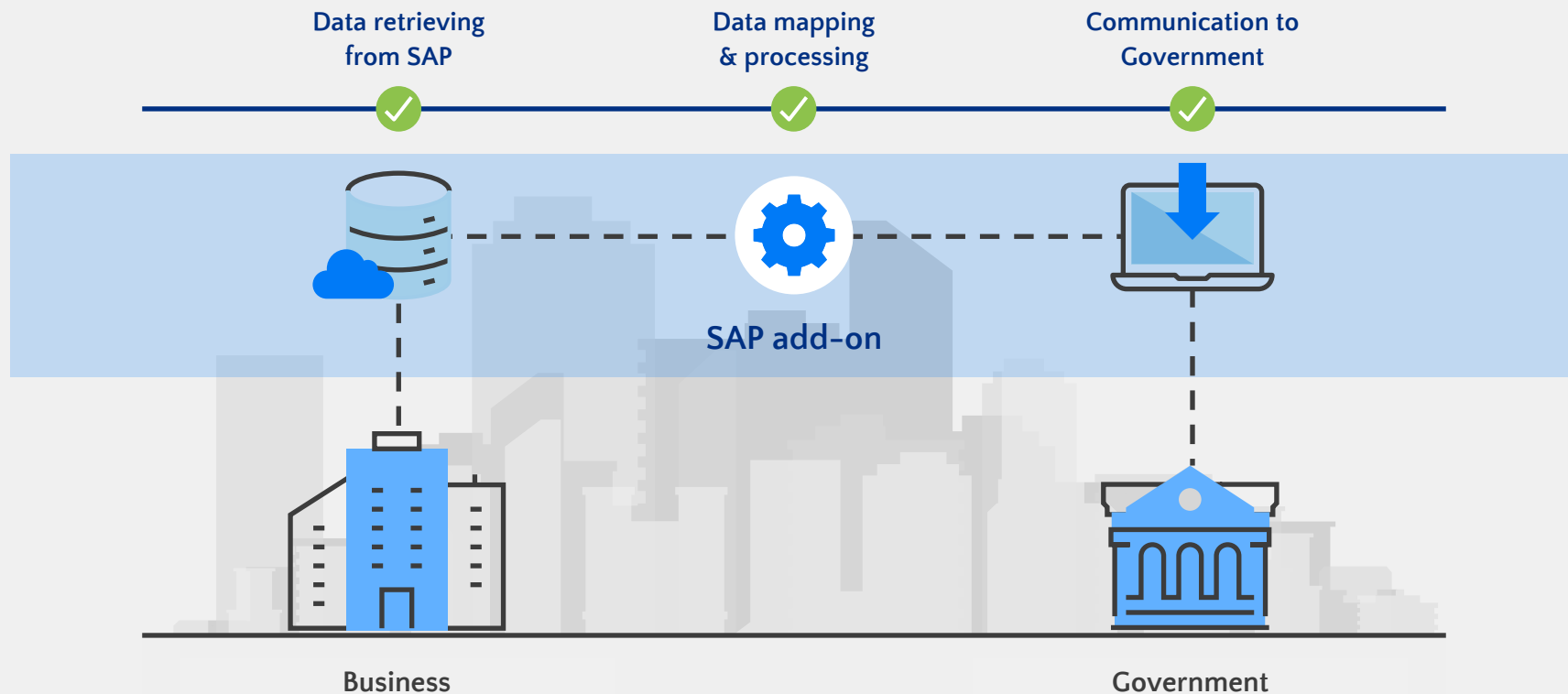
This profile is an enlargement of EN 16391 to provide complex business processes. It contains additional structured data for the invoice transmission among the different industries.



How can we help you?



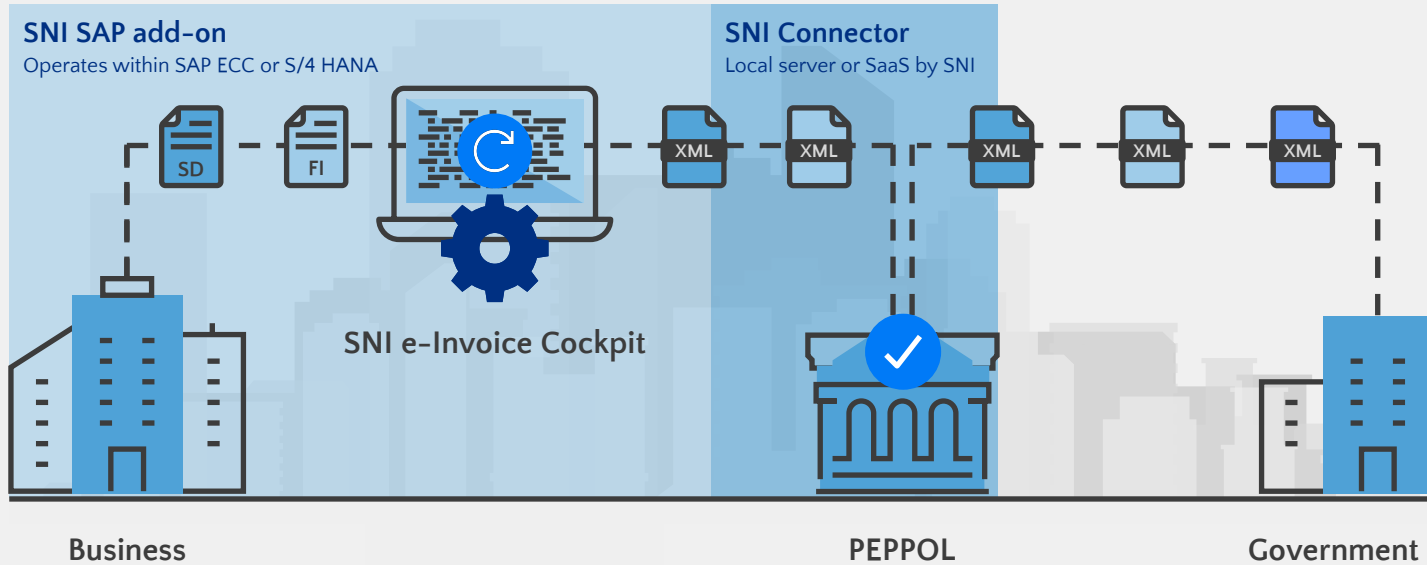
An end to end solution



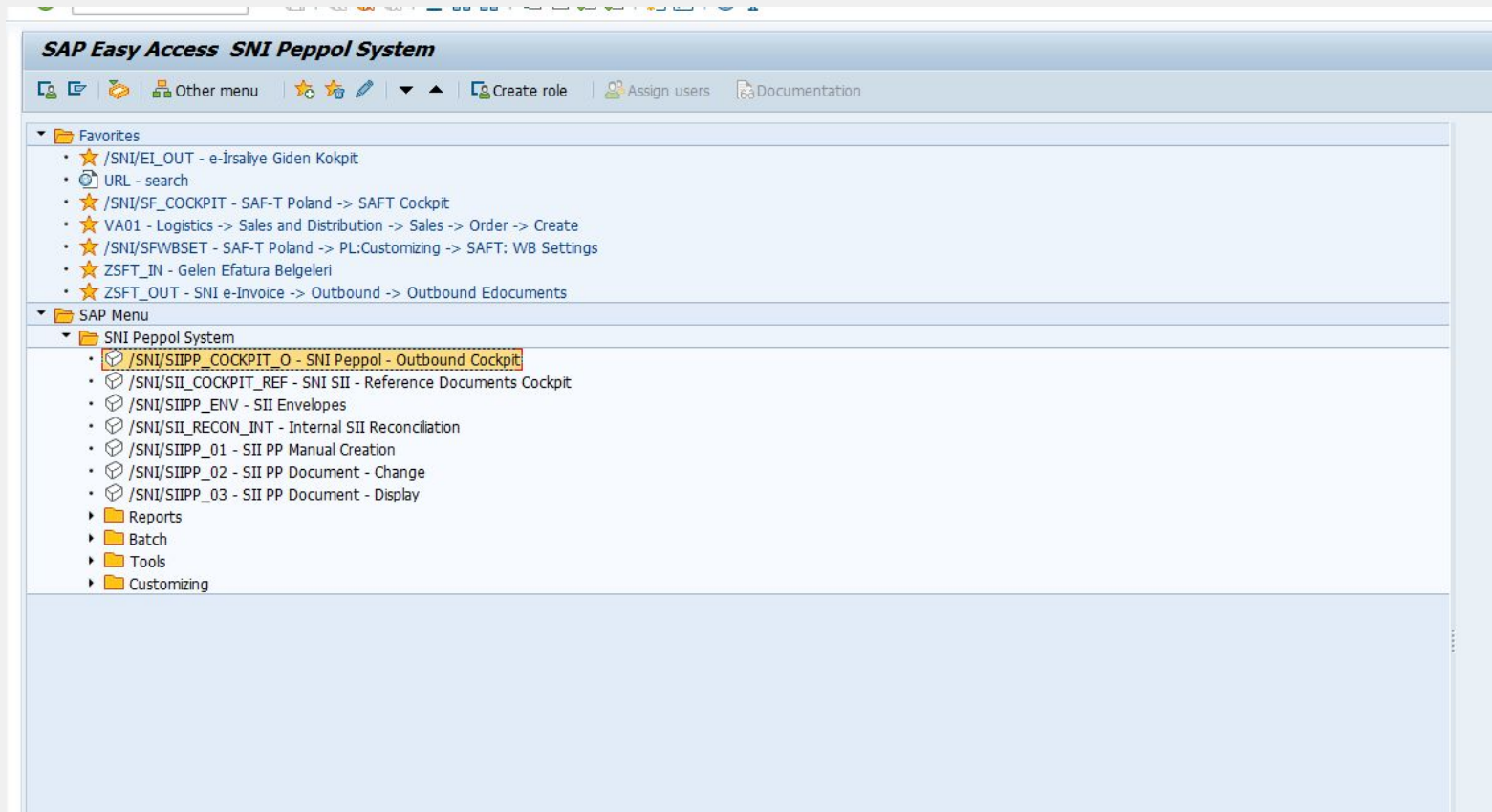
B2G e-Invoicing Architecture



SNI Solution



XML Examples



The screenshot displays the SAP Easy Access interface for the SNI Peppol System. The top navigation bar includes icons for home, search, and other menu options, along with links for 'Create role', 'Assign users', and 'Documentation'. The main menu is organized into two primary sections: 'Favorites' and 'SAP Menu'. The 'Favorites' section lists several key transactions, including /SNI/EI_OUT, /SNI/SF_COCKPIT, and /SNI/SFWBSET. The 'SAP Menu' section is expanded to show the 'SNI Peppol System' folder, which contains a list of transactions such as /SNI/SIIPP_COCKPIT_O, /SNI/SII_COCKPIT_REF, and /SNI/SIIPP_ENV. The transaction /SNI/SIIPP_COCKPIT_O is highlighted with a yellow border.

SAP Easy Access SNI Peppol System

Other menu | Create role | Assign users | Documentation

- ▼ Favorites
 - ★ /SNI/EI_OUT - e-İrsaliye Giden Kokpit
 - 🔍 URL - search
 - ★ /SNI/SF_COCKPIT - SAF-T Poland -> SAFT Cockpit
 - ★ VA01 - Logistics -> Sales and Distribution -> Sales -> Order -> Create
 - ★ /SNI/SFWBSET - SAF-T Poland -> PL:Customizing -> SAFT: WB Settings
 - ★ ZSFT_IN - Gelen Efatura Belgeleri
 - ★ ZSFT_OUT - SNI e-Invoice -> Outbound -> Outbound Edocuments
- ▼ SAP Menu
 - ▼ SNI Peppol System
 - 🔍 /SNI/SIIPP_COCKPIT_O - SNI Peppol - Outbound Cockpit
 - 🔍 /SNI/SII_COCKPIT_REF - SNI SII - Reference Documents Cockpit
 - 🔍 /SNI/SIIPP_ENV - SII Envelopes
 - 🔍 /SNI/SII_RECON_INT - Internal SII Reconciliation
 - 🔍 /SNI/SIIPP_01 - SII PP Manual Creation
 - 🔍 /SNI/SIIPP_02 - SII PP Document - Change
 - 🔍 /SNI/SIIPP_03 - SII PP Document - Display
 - 📁 Reports
 - 📁 Batch
 - 📁 Tools
 - 📁 Customizing

sn

SII Documents - 17 Document															
Exce...	M...	eDocument...	e-Docume...	S...	App...	Rel. Deptm...	I	P	A	D...	Com...	Vendor	Customer	Object Key	
○○○		90927	PP_AUOI							11	SNI4		OZGE TEST	0090062716	V
○○○		90952	PP_AUOI							11	SNI4			MANUAL_PEPPOL3	M
○○○		90953	PP_AUOI							11	SNI4			SNI_PPL_TEST_20200821	M
○○○		90954	PP_AUOI							11	SNI4			SNI_PPL_TEST_20200821_2	M
○○○		90955	PP_AUOI							11	SNI4			SNI_PPL_TEST_20200822_1	M
○○■		91048	PP_AUOI							30	SNI4		OZGE TEST	0090062714	V
○○○		91122	PP_AUOI							11	SNI4			AUNZ_TEST_1	M
○○○		91124	PP_AUOI							11	SNI4			AUNZ_TEST_2	M
○○○		91125	PP_AUOI							11	SNI4			AUNZ_TEST_3	M

XML Examples

SII Documents - 17 Document

Details Show Xml Hold/Unhold Archive Prepare Envelope to MoF

Data: 0000091083

```
<?xml version="1.0" encoding="UTF-8"?>
- <Invoice
  xmlns:cac="urn:oasis:names:specification:ubl:schema:xsd:CommonAggregateComponents-2"
  xmlns:cbc="urn:oasis:names:specification:ubl:schema:xsd:CommonBasicComponents-2"
  xmlns="urn:oasis:names:specification:ubl:schema:xsd:Invoice-2">
  <cbc:CustomizationID>urn:cen.eu:en16931:2017#compliant#urn:xoev-de:kosit:standard:xrechnung_1.2</cbc:CustomizationID>
  <cbc:ProfileID>urn:fdc:peppol.eu:2017:poacc:billing:01:1.0</cbc:ProfileID>
  <cbc:ID>0090062721</cbc:ID>
  <cbc:IssueDate>2020-09-16</cbc:IssueDate>
  <cbc:InvoiceTypeCode>380</cbc:InvoiceTypeCode>
  <cbc:DocumentCurrencyCode>EUR</cbc:DocumentCurrencyCode>
  <cbc:BuyerReference>5555</cbc:BuyerReference>
- <cac:AccountingSupplierParty>
  - <cac:Party>
    <cbc:EndpointID schemeID="9930">1234567890</cbc:EndpointID>
    - <cac:PartyName>
      <cbc:Name>SNI Technology</cbc:Name>
    </cac:PartyName>
    - <cac:PostalAddress>
      <cbc:StreetName>Werner-Heisenberg-Allee 25</cbc:StreetName>
```

Object	Invoice Serial Number
VBRK	0090062716
MANUAL	MANUEL_PEPPOL
MANUAL	MANUEL_PEPPOL2
MANUAL	MANUEL_PEPPOL3
MANUAL	PEPPOL_TEST
MANUAL	PEPPOL_TEST2
MANUAL	PEPPOL_TEST3
VBRK	0090062714
VBRK	0090062721
VBRK	0090062720
VBRK	0090062719
VBRK	0090062735
MANUAL	The ID
MANUAL	The ID2
MANUAL	Snippet1
MANUAL	Snippet2
MANUAL	Snippet3

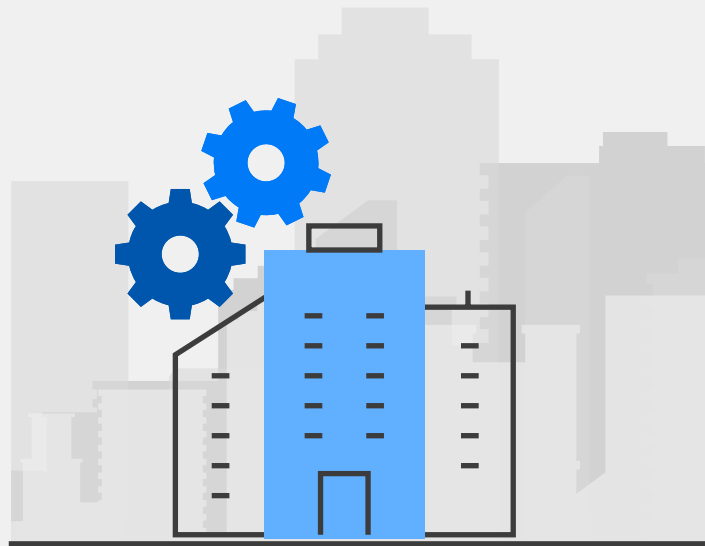

```
<?xml version="1.0" encoding="UTF-8"?>
- <Invoice
  xmlns:cac="urn:oasis:names:specification:ubl:schema:xsd:CommonAggregateComponent-2"
  xmlns:cbc="urn:oasis:names:specification:ubl:schema:xsd:CommonBasicComponent-2"
  xmlns="urn:oasis:names:specification:ubl:schema:xsd:Invoice-2">
  <cbc:CustomizationID>urn:cen.eu:en16931:2017#conformant#urn:fdc:peppol.eu:
  <cbc:ProfileID>urn:fdc:peppol.eu:2017:poacc:billing:01:1.0</cbc:ProfileID>
  <cbc:ID>0090062719</cbc:ID>
  <cbc:IssueDate>2020-08-31</cbc:IssueDate>
  <cbc:InvoiceTypeCode>380</cbc:InvoiceTypeCode>
  <cbc:DocumentCurrencyCode>NZD</cbc:DocumentCurrencyCode>
  - <cac:OrderReference>
    <cbc:ID>555555</cbc:ID>
    <cbc:SalesOrderID>0000062675</cbc:SalesOrderID>
  </cac:OrderReference>
  - <cac:AccountingSupplierParty>
    - <cac:Party>
      <cbc:EndpointID schemeID="0088">1234567890128</cbc:EndpointID>
      - <cac:PartyName>
        <cbc:Name>SNI Technology</cbc:Name>
      </cac:PartyName>
```

```
    </cac:DeliveryParty>
  </cac:Delivery>
- <cac:PaymentTerms>
    <cbc:Note>payment note</cbc:Note>
  </cac:PaymentTerms>
- <cac:TaxTotal>
    <cbc:TaxAmount currencyID="NZD">4050.00</cbc:TaxAmount>
    - <cac:TaxSubtotal>
        <cbc:TaxableAmount currencyID="NZD">15000.00</cbc:TaxableAmount>
        <cbc:TaxAmount currencyID="NZD">4050.00</cbc:TaxAmount>
        - <cac:TaxCategory>
            <cbc:ID>S</cbc:ID>
            <cbc:Percent>27.00</cbc:Percent>
            - <cac:TaxScheme>
                <cbc:ID>GST</cbc:ID>
            </cac:TaxScheme>
        </cac:TaxCategory>
    </cac:TaxSubtotal>
  </cac:TaxTotal>
- <cac:LegalMonetaryTotal>
    <cbc:LineExtensionAmount
      currencyID="NZD">15000.00</cbc:LineExtensionAmount>
    <cbc:TaxExclusiveAmount
```

SAP users



Easy integration into your existing systems and infrastructure



Simple

Fast integration without installing SAP OSS notes



Efficient

Cost-effective implementation without employing an external consultant



Accessible

No version upgrade required

*SNI add-ons support SAP 4.7 and higher versions

*SNI SAP add-ons run on SAP R3, ECC and S4

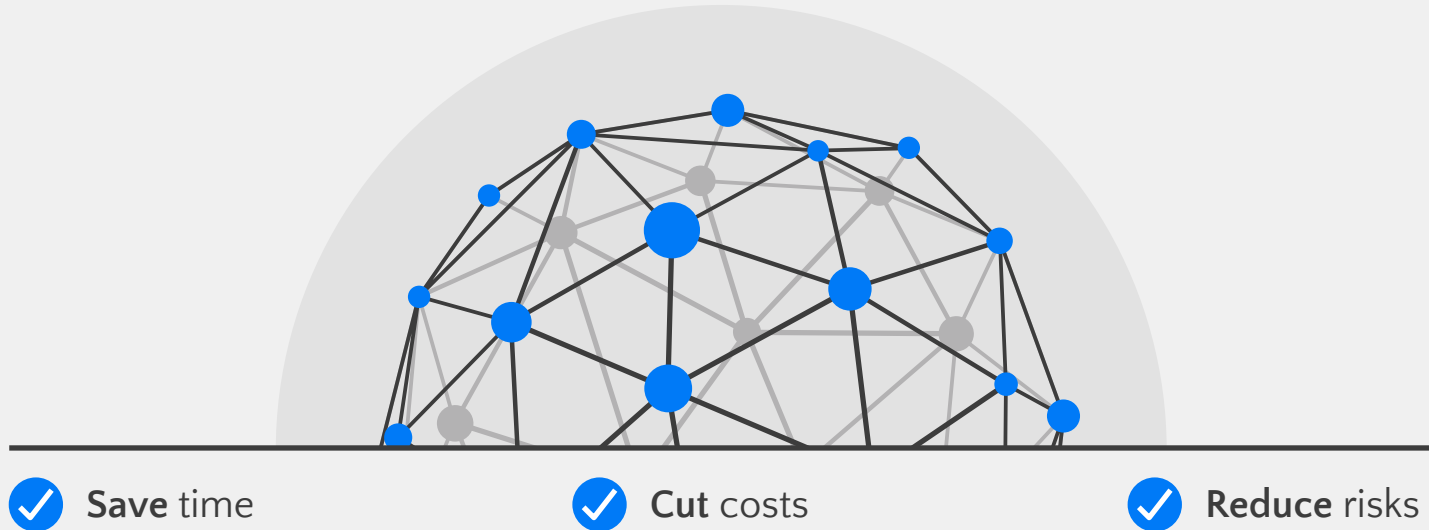


Reliable

All SNI add-ons are **SAP® Certified**
Powered by SAP NetWeaver®



Single
partner globally





Ongoing **support**



Initial
implementation, training &
documentation



Maintenance &
regulatory **updates**



Liaising with tax
authorities to keep
you **informed**



SNI provide continuous support for a **long term relationship**



sni

snh

THANK YOU



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@lifeatsni