E-Invoice Documentation

PDF Manual

MODULE

e-invoice

LAST UPDATED

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PEPPOL BIS Billing 3.0

E-Invoice Documentation · /e-invoice/formats/peppol-bis

PEPPOL BIS Billing 3.0 is the cross-border European standard for B2B invoicing built on UBL (Universal Business Language). It is the de-facto exchange format in the Netherlands, Belgium, Austria, and the Nordic countries, and is the foundation of EU ViDA.

Overview

Property	Value
Version	Billing BIS 3.0
Syntax	UBL 2.1
Type	Pure XML (no hybrid PDF)
Region	NL, BE, AT, Nordics, cross-border EU
Use Case	B2B delivery via PEPPOL access points

Both invoices and credit notes are supported.

Configuration

Enable PEPPOL BIS

Stores > Configuration > MageB2B > E-Invoice:

1. Set **Default B2B Format**: PEPPOL BIS Billing 3.0 (UBL)
2. Go to the new **PEPPOL BIS Billing 3.0** section

Seller Endpoint

Every PEPPOL document must declare a routable seller identifier.

Setting	Notes
Seller Endpoint Scheme (EAS)	Pick from 70+ official Electronic Address Scheme codes
Seller Endpoint ID	The identifier that matches the scheme
CustomizationID override	Defaults to `urn:cen.eu:en16931:2017#compliant#urn:fdc:peppol.eu:2017:poacc:billing:3.0`
ProfileID override	Defaults to `urn:fdc:peppol.eu:2017:poacc:billing:01:1.0`

Common EAS Codes

Scheme	Country / Issuer	Example identifier
`0060`	DUNS	123456789
`0088`	GLN (GS1)	4012345678901

Scheme	Country / Issuer	Example identifier
`0106`	NL KvK	12345678
`0190`	NL OIN	00000001820001234000
`0204`	DE Leitweg-ID	04011000-12345-67
`0208`	BE Enterprise Number	0123456789
`9914`	AT VAT	ATU12345678
`9915`	AT Government	Federal identifier
`9930`	DE VAT	DE123456789
`9944`	NL VAT	NL123456789B01
`9957`	FR VAT	FR12345678901

The complete list is the official PEPPOL codelist at https://docs.peppol.eu/poacc/billing/3.0/codelist/eas/.

Buyer Endpoint

The buyer endpoint is resolved automatically in this order:

1. Order extension attribute `peppol_endpoint_id` + `peppol_endpoint_scheme`
2. Order data fields of the same names
3. Billing-address VAT ID mapped to the country's default VAT scheme
4. Customer `taxvat` mapped through the same table

For EU and EEA countries the mapping is built in. For non-EU buyers, set the customer attribute explicitly.

Generated Files

PEPPOL BIS produces pure XML (no hybrid PDF):

File	Path example
XML	`pub/media/einvoice/invoice-100000001-peppol_bis.xml`
XML (credit note)	`pub/media/einvoice/creditmemo-100000001-peppol_bis.xml`

Credit notes use the UBL `<CreditNote>` root element and reference the original invoice via `BillingReference / InvoiceDocumentReference`.

Required Fields

Field	Source
VAT ID	Company Information
Seller Endpoint ID + Scheme	PEPPOL BIS section
BuyerReference (BT-10)	Order data, customer note, or invoice increment ID (fallback)
Billing address	Order
Currency	Order

Seller trading name, registration number, GLN and DUNS are emitted when configured.

Validation

PEPPOL BIS carries its own Schematron rules on top of EN16931. This module validates XML structure (XSD); full Schematron conformity testing is on the roadmap. Many PEPPOL access points validate inbound documents, so errors surface before delivery.

Submission

This extension **generates** PEPPOL BIS XML. Delivery over the PEPPOL network requires an external access point:

- Storecove
- Pagero
- Unifiedpost
- Edicom

Bridge modules or custom integrations can consume the generated XML via REST API (`GET /V1/invoices/{id}` with `einvoice_xml` in the response) or directly from `pub/media/einvoice/`.

Best Practices

1. Pick the scheme your counterpart expects. In DACH, `9930` (DE VAT) or `0088` (GLN) are common.
2. Always supply the **BuyerReference** — it is mandatory in PEPPOL BIS, unlike plain EN16931.
3. Fill in **Seller Trading Name** if your legal name differs from your trading name.
4. Use `VAT Classification → Default Category for 0% Lines` to control behaviour for shipments with unusual tax setups.

Troubleshooting

Missing Endpoint Error

Error: receiver rejects with "missing seller endpoint".

Solution:

- Configure **Seller Endpoint ID** and **Seller Endpoint Scheme** in the PEPPOL BIS section.
- Confirm the scheme matches the identifier format (e.g. scheme `9930` → `DE123456789`).

Missing Buyer Reference

Error: "BT-10 required".

Solution:

- Set a value on the order (`buyer_reference` data field) or via the customer note.
- Otherwise the extension falls back to the invoice increment ID.

Amounts Don't Match Magento Totals

Run `bin/magento einvoice:verify-amounts --invoice-id=<id>` to compare XML totals against Magento and identify rounding or mapping drift.

Related

- VAT Classification
- Seller Identity
- CLI Commands
- EN16931 Format