



ZUGFeRD

E-Invoice Documentation

Guide for Magento administrators, technical project owners, and implementation teams.

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ZUGFeRD

ZUGFeRD is the module's default format. It combines a readable Magento invoice PDF with embedded CII XML, so the recipient can view one document while accounting software extracts its structured data.

Output

Property	Supported behavior
Format version	ZUGFeRD 2.5
Syntax	UN/CEFACT Cross Industry Invoice (CII)
Document type	Hybrid PDF with embedded XML
Separate XML	Yes with permanent storage
Invoice and credit memo	Both supported

During generation, the module first builds the structured document, renders Magento's normal invoice or credit-memo PDF, and then uses the hybrid builder to embed the XML. If PDF preparation fails, inspect the Magento PDF path and extension logs; a valid XML document does not by itself prove that a hybrid PDF was created.

Profiles

The shared ZUGFeRD/Factur-X profile selector offers:

Admin value	Purpose
MINIMUM	Header-level information only
BASIC WL	Basic data without the full EN 16931 line-detail model
BASIC	Basic invoice profile
EN 16931	EN 16931-aligned profile and module default
EXTENDED	Broader data model for recipients that explicitly require it

The current selector does not offer a separate **COMFORT** or **XRECHNUNG** value. Choose **EN 16931** for the normal EN 16931 profile. Use the dedicated XRechnung format when the recipient wants XRechnung XML.

Configure ZUGFeRD

1. Set **Default B2B Format** to **ZUGFeRD 2.5**.

2. Select the profile confirmed by the recipient.
3. Keep invoice document type **380** unless the business process calls for another supported code.
4. Complete seller VAT, address and payment details.
5. Generate a manual sample with shipping, discounts and the VAT rates you really use.

Credit memos use document type **381** or **384** from the credit-memo settings and the same store-level format/profile.

Files and email

Permanent storage normally creates XML and PDF below **var/invoice/** in Magento's private **var/** directory; credit memos use its **creditmemo** subdirectory. The **Automatic** email strategy attaches the hybrid PDF. Choose **Both** only when the recipient genuinely wants the PDF and separate XML.

Validation

The formatter checks XML structure and can run the bundled profile XSD. Test the resulting hybrid file with the recipient's validator as well. XSD success does not test every business rule, the embedded-file relationship or the receiver's import behavior.

Common problems

XML exists but PDF is missing

Confirm that Magento can render its normal invoice PDF, the **horstoeko/zugferd** dependency is installed, storage is writable, and the document status contains a PDF path.

Recipient expects XRechnung

Do not select a different ZUGFeRD profile and assume it becomes XRechnung. Choose the dedicated **XRechnung** format and version required by the recipient.

Related

- [Factur-X 1.09](#)
- [Document Storage, Email and Downloads](#)
- [Configuration](#)