

Automated Processing of Electronic Invoices



maxflow[®] interface elnvoice

SAP[®] Certified
Integration with SAP S/4HANA[®]

SAP[®] Certified
Integration with SAP S/4HANA[®] Cloud

SAP[®] Certified
Integration with Cloud Solutions

Contact

We are happy to advise you.

Phone: +49 (0) 851 756 403 232

E-Mail: vertrieb-bit@beck-it.com



YOUR BENEFITS

- Processing of ZUGFeRD (CII-XML embedded in PDF/A-3) and X-Invoice (CII-XML or UBL-XML) is possible
- Support of international invoice formats (e.g. Austria, Romania)
- Validation of the electronic invoice to legal guidelines (e.g. EN16931 and CIUS rule)
- Reduces processing effort and saves working time
- Minimizes transaction and printing costs for invoice exchange
- Error reduction through automated processing of incoming invoices
- Automated document completion in the background
- Fully integrated in SAP and multiple SAP certified

Makes paper-based invoices things of the past!

Switching from paper-based to electronic invoices makes tremendous cost saving possible. This potential, however, can only be fully utilised if the invoice recipient can process the incoming invoice without media discontinuity.

With maxflow® interface eInvoice, invoices in the **ZUGFeRD** and **xInvoice** format can be exchanged digitally between companies, in an efficient and user-friendly way. The use of this format avoids media discontinuities while the processing is expedited, and wait times and transaction costs are reduced to a minimum. The highest levels of transparency and control remain assured throughout the process, even with the completely automated processing.



Example processing workflow for electronic invoices

At the same time, you can still choose by which method (e.g. by email) an invoice file is sent from the invoice issuer to the recipient. To satisfy this claim, the maxflow® interface connector is part of maxflow® interface eInvoice.

Our connector can retrieve data from any source, process or convert it in the further process and transfer it to our SAP interface maxflow® interface eInvoice for further processing. This means that ZUGFeRD or X-invoices no longer have to be read by OCR.

The maxflow® interface connector process

1. Receipt of invoice: The supplier/service provider sends its invoice to the customer in the form of an electronic document, which is stored on a **mail server** or in a **file system**. It can be an xInvoice (XML file) or a ZUGFeRD invoice (PDF/A3 file).

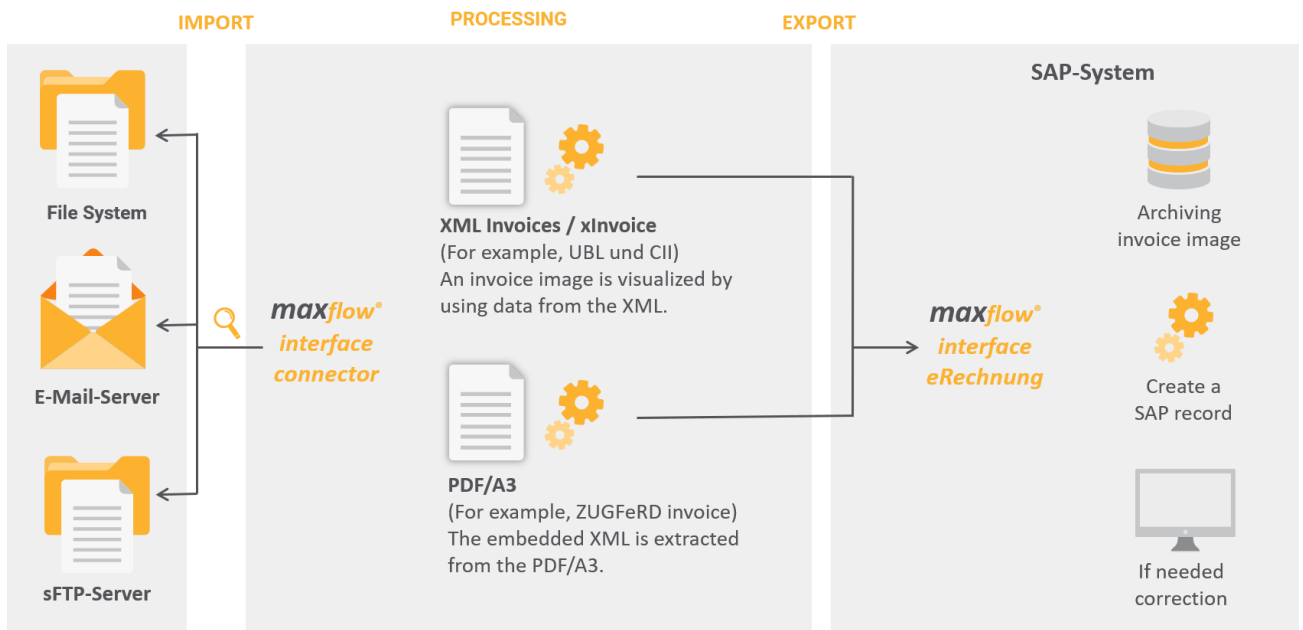
2. Monitoring of sources (import): The maxflow® interface connector monitors the aforementioned systems, fetches the various invoice documents, and filters them.

3. Conversion/processing:

- In the case of **xInvoice**, an invoice image is visualised by means of the data in the XML file to optimise the later processing.
- The invoice information is embedded as an XML in a PDF/A3 file for **ZUGFeRD invoices**. The extraction of XML from the identified PDF takes place in this step.
- In addition, all data is validated against the legal guidelines (e.g. EN16931 and CIUS rule).



4. Data transmission (export): After a successful conversion, the data of the ZUGFeRD invoice and the xInvoice is sent directly to maxflow® interface elnvoice. Automated invoice controlling for mandatory statutory and company information (Sec. 14 UStG [German VAT Act]). The invoice data will be completed subsequently by means of the SAP master data. This includes in particular the reconciliation against requisitions and goods receipts. After this, the invoice image is filed in the archive (via SAP ArchiveLink) with write protection, and an SAP invoice document is created from the structured data in XML, which is linked to the image.





What is a ZUGFeRD invoice?

A ZUGFeRD invoice is an electronic invoice as defined by law, allowing invoice data to be stored in a structured format for seamless machine processing. While ZUGFeRD invoices initially appear as standard PDF invoices, they include an embedded XML attachment containing structured invoice data for further processing. The maxflow® interface Connector extracts the XML from the PDF and transfers both files to the SAP system or our SAP interface, maxflow® interface eInvoice.

What is a xInvoice?

The X-invoice is another electronic invoice format that complies with the European standard EN16931. Unlike the ZUGFeRD invoice, it does not include a visual representation - only structured invoice data in XML format. The maxflow® interface Connector automatically generates an invoice image from the XML data, allowing clerks to view the invoice visually at each step of the workflow.