

Automated Processing of Electronic Invoices



maxflow[®] interface elnvoice

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

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Integration with Cloud Solutions

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YOUR BENEFITS

- Reduces processing effort and saves manual working time
- Minimisation of transaction and printing costs for the exchange of invoices
- Error reduction by virtue of automated processing of incoming invoices
- Automatic document completion and recording in the background
- Complete integration in SAP and multiple times 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 is required as a standardised data transmission layer, having the primary objective of transferring data to our SAP interface maxflow® interface eInvoice. In the process, data can be exported from any optional source (e.g. file system), be processed or converted in the further workflow, and transferred to SAP for further processing. In order to transfer ZUGFeRD or xInvoices directly to maxflow® interface eInvoice, the data no longer needs to be read in by an OCR app.

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), ZUGFeRD invoice (PDF/A file) or a TIFF 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:

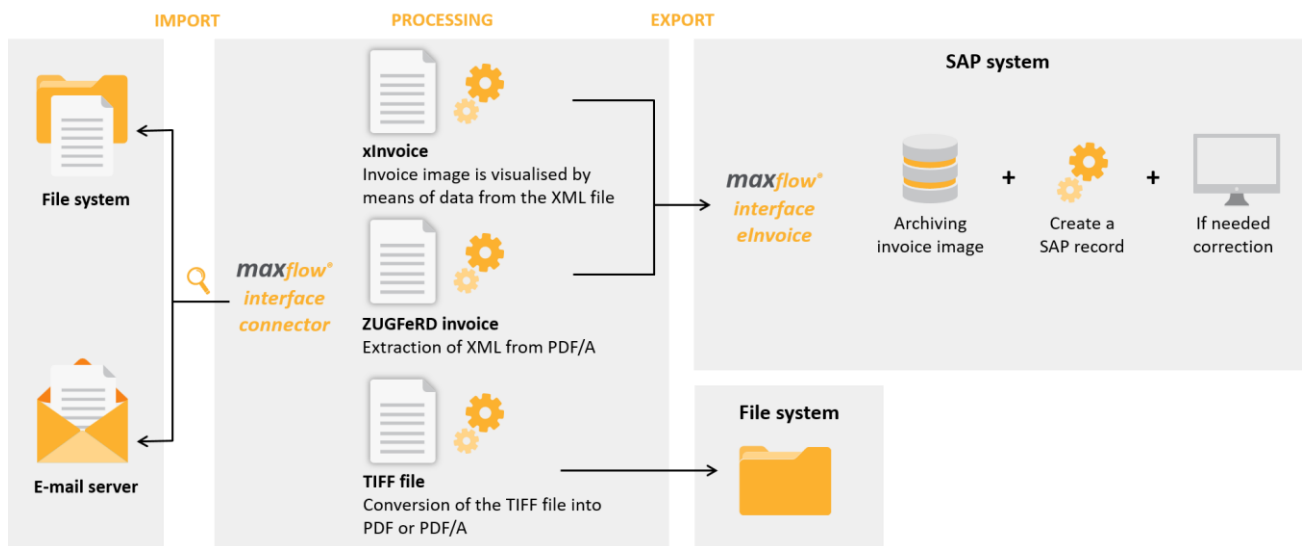
- In the case of **xInvoice**, an invoice image is visualised by means of the data in the XML file to optimise the later processing.
- The invoice information is embedded as an XML in a PDF/A file for **ZUGFeRD invoices**. The extraction of XML from the identified PDF takes place in this step.
- The received **TIFF file** is converted either into a PDF (individually or multi-page) or into a write-protected PDF/A file

4. Data transmission (export): After a successful conversion, the data of the ZUGFeRD invoice and the xInvoice is sent directly to maxflow® interface eInvoice. Since the converted PDF invoice must still be processed by means of OCR, the connector will move this invoice into a folder of the file system, which is monitored by the OCR.



Testing and processing process

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 a SAP invoice document is created from the structured data in XML, which is linked to the image.



ZUGFeRD invoices

The ZUGFeRD invoice received by the connector in the PDF container includes both the invoice image (the graphic picture) as well as the structured invoice data in XML format.

xInvoices

Differently than for ZUGFeRD invoices, no invoice image but only the XML file is transmitted for xInvoices. Our maxflow[®] interface connector, however, visualises an invoice image based on the XML data.



OVERVIEW OF ADDITIONAL FEATURES

- Full scope of features of maxflow® interface
- Product-internal display and processing interface for individual records (Verify GUI)
- Summary of all processed documents on the maxflow® interface monitor
- Comprehensive analysis possibilities
- Flexible and freely configurable maxflow® interface process