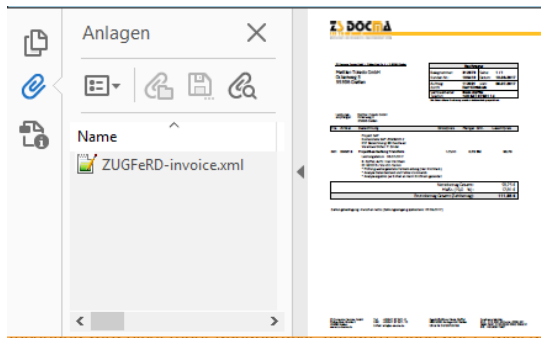




SDK-Development

What is ZUGFeRD?

ZUGFeRD is an unified data format for electronic invoices, available for free to interested companies and authorities since June 25th, 2014 as version 1.0 and currently as version 2.1.1. The ZUGFeRD data format is based on the Cross-Industry-Invoice (CII) standard (UN/CEFACT), the ISO standard 19005-3:2012 (PDF/A-3), as well as the "Message User Guidelines" (MUG) specified on the European level and is EN 16931 (Electronic Invoicing) compliant. This allows among other things the generation of invoices in the **XRechnung** standard.



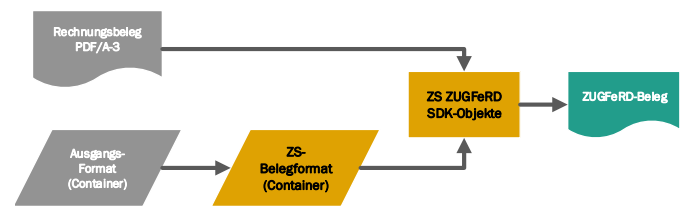
ZUGFeRD with Transform

In order to generate ZUGFeRD data within transform projects, the invoice data has to be transferred into a container format. Depending on ZUGFeRD version and profile, the structure may vary. This is why the ZS ZUGFeRD object compilation was developed in a way that a superordinate data format adopts invoice data and functions draw on that data pool. Thus, many different formats and profiles can be generated through one single source format.

In addition, the invoice must be generated in the PDF-format PDF/A-3. This is possible with Transform version 6.0 and higher. Since the Adobe colour format is available only at version 6.1, with which very small PDF files can be created, it is recommended to use this version as basis for creating PDFs.

Within the last processing step, both formats are "married" to one another and - as yet for now - generated and validated through a tool included in the ZS solution.

For sending e-mail invoices, we recommend our module: [ZS DB E-Mail-Versand](#), which allows for db supported supervision of outgoing messages.



The solution is able to generate ZUGFeRD invoices as well as extracting the data of received files into a Transform data container.

Updating

Within the scope of the maintenance contract, the objects included within the package are continuously developed further and adapted to each new version of Transform and ZUGFeRD, respectively augmented with further functions.

Important in that: Since data mapping happens via an in-between format, all future changes are possible without elaborate reassignment of data. Only new arrays must be considered if applicable.

System Requirements:

- Transform (from V6.x, recommended from V6.1)

Distribution of the package is made with a manual for Transform-developers. If required, we also offer a service package for integration of the solution into your Transform projects by request.



Transform ist eine Marke der Bottomline Technologies Inc.