

Transformer for ISO 20022


The strategic solution for ISO 20022

A library that models the whole standard

Build solutions quickly, without coding

Leverage pre-built MT-MX mappings

The strategic solution for ISO 20022



Transformer is the most powerful way to handle ISO 20022 and other advanced standards, enabling projects to build solutions faster, deliver them to a high quality, and maintain them easily over the long term.

A library that models the whole standard

Transformer libraries deliver the value promised by ISO 20022: rich re-usable models with strong data typing, business friendly descriptions and inbuilt field and cross-field validation along with full market practice rules. Whether you are building one mapping or a comprehensive canonical model the Transformer 20022 libraries are the only way to fully benefit as the standard intended.

There is much more to ISO 20022 than an XML schema. Transformer's ISO 20022 libraries provide a far more useful and intuitive starting-point for any project.

Build solutions quickly, without coding

Transformer dramatically shortens the time taken to build and maintain solutions involving ISO 20022.

The analyst using Transformer creates solutions directly in the intuitive Design-Time GUI. There is no coding or scripting stage, even when the required data transformation is highly complex. Projects remain clearly articulated and easy to maintain, and removing the old-fashioned 'spec handover' from analyst to developer eliminates a major source of risk, errors and delay.

Users configure mappings very easily in Transformer. For example, copying a field from the source to the target message just takes a simple 'drag and drop' action - Transformer automatically takes care of any reformatting required by syntax differences between source and target fields, such as dates, rates and amount formats. To handle more complex mappings, Transformer provides a huge range of ready-made 'mapping action' building blocks. Complex logic can be created in the same way, combining 'IF' conditions, repeating loops, SQL calls and more. So even really complex ISO 20022 solutions can be created at lightning pace.

You can also run a test on each new 'line' of a mapping or validation as soon as it has been added, moving the testing process as far upstream as possible to ensure high quality from the very start.

Leverage pre-built MT-MX mappings

Conversion between SWIFT MT and MX (ISO 20022 XML) formats will be a challenging requirement for many projects. The rules specifying these conversions are very complex, so attempting to create your own MT-MX mappings could be a huge task.

Using Transformer, simply start with the high quality MT-MX mappings we've already built for you. You can quickly and easily customise and test them to meet specific project needs.

Transformer can also create or consume messages of any type in JSON format. For example, Transformer's ISO 20022 library allows the user to create ISO 20022 compliant messages in either XML or JSON.

About Transformer

Transformer revolutionises an organisation's ability to build, test and deploy complex messaging solutions. Business analysts or developers can use Transformer's superb GUI to build and maintain enrichment or mapping solutions for any message standard and to test that the results comply with the standard. These solutions can be deployed into any technical infrastructure - in individual projects, in departments, or across the enterprise. Transformer maximises quality while dramatically reducing project cost and time to market.

Transformer changes the messaging infrastructure from technology to a vital business service, providing advanced tools to solve messaging problems quickly and efficiently:

- Parsing complex messages
- Validating against public standards and in-house rules
- Enriching the content using a wide range of data sources
- Mapping between different syntax structures
- Implementing complex decision logic and business rules

Transformer supports numerous financial messaging standards including SWIFT, NACHA, CREST, FIX, FpML, ISO 7775, 8583, 15022, 20022, SIC, SECOM and many more.

About Trace Financial

Trace Financial Limited is the leading specialist in financial message transformation and integration. Trace Financial is a wholly owned subsidiary of the privately-owned Trace Group Limited.

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