

# Transformer

## Faster message transformation

Eliminate coding and scripting

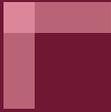
Leverage powerful standards libraries

Test as you build

Deploy rapidly

Deliver to market up to ten times faster

# Faster message transformation



Transformer delivers financial message transformations up to ten times faster than other methods.

Today's financial firms must create, consume, validate and transform complex messages at an ever faster pace, while complying with message standards which are themselves rapidly evolving. Many IT teams and systems are buckling under the strain.

Transformer is the truly game-changing response to this situation, enabling analysts and developers to solve messaging problems far more quickly and efficiently:

- Transformer comes with a full set of ready-built, high quality message definitions and mappings
- Transformer eliminates the 'coding stage' completely - even for very complex transformations
- Transformer ensures quality is built in from the start, as testing is integral to development and executed 'as you build'

Radically simplifying the usual development process, Transformer speeds most message transformation projects up to tenfold.

## Leverage ready-built standards libraries

Transformer's wide range of ready-built libraries cover all major financial standards, including ISO 7775, 15022 / SWIFT MT, ISO 20022 / SWIFT MX, ISO 8583, FpML, FIX, Euroclear UK & Ireland's CREST, OMGEO, SIC, SECOM, NACHA, NEFT and many others. They contain full details of the standard, including cross-validation between fields (such as SWIFT's Network Validation Rules). XML schemas can easily be imported, and many other formats including Excel and COBOL Copybook are handled with ease. JSON and POJO are also supported.

Transformer's highly intuitive Design-Time GUI presents all of this information in a clear, consistent and business-meaningful form. At the most detailed level, each field option in the message is identified by a single business-level name, rather than a set of hard-to-read technical qualifiers. This helps the user to create a new validation, mapping or other solution far more quickly.

## Eliminate in-house coding

The huge range of ready-built validation, parsing and mapping functions provided in Transformer allow solutions to be built quickly and with no need for program code, even in the most complex cases.

Transformer also automatically converts dates, rates, amounts and other common data types from the source to the target syntax, so the user doesn't have to waste time on such details as the day-month-year order within a date format.

This approach produces a clear, self-documenting solution and completely eliminates the errors, misunderstandings and delays that occur when coding is involved. Solutions constructed in Transformer retain their original clarity and readability, making them far easier to maintain.

## Test as you build

Transformer provides powerful testing tools for each stage of the solution lifecycle. During the initial build, each element is tested individually as soon as it has been created, ensuring correctness right from the start. Once completed, message-level testing pinpoints any deviation from the relevant standard or market practice rules, and regression testing tools efficiently identify every difference between the old and new outputs.

Transformer solutions are also easy to maintain when standards are updated or other changes need to be made. 'Where-used?' functions ensure that the full impact of any change can be accurately assessed at the outset.

## Rapidly deploy into the messaging infrastructure

Transformer's simple API and its range of specialised service builders allow solutions to be deployed rapidly into any integration architecture, including Enterprise Service Bus (ESB), Web Service (SOA), Enterprise Application Integration (EAI), development frameworks such as .NET or Java, and third-party applications.

Transformer fully supports Continuous Integration, including the automated execution of a suite of tests at deployment time.

## Achieve faster messaging projects

Transformer is revolutionising the way financial organisations and service providers work with messages. Delivering stunning productivity gains while enhancing quality and long-term maintainability, Transformer gives legacy messaging infrastructures the ability to respond to today's business needs.

### 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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