

# Transformer for SWIFT

Master SWIFT Standards

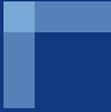
Accelerate messaging projects

Create mappings quickly

Raise quality and reduce costs

Manage change with ease

# Master SWIFT Standards



Transformer for SWIFT gives the analyst complete mastery over SWIFT Standards, dramatically accelerating projects to produce high quality message validations, business rules and mappings in a fraction of the usual time.

## Accelerate messaging projects

Using Transformer's many advanced features the analyst can, for the first time, not only specify but also build, test and deploy even the most complex validations, enrichments and mappings. By removing the need for any development coding stage, projects are greatly accelerated.

Transformer's rich, highly optimised message definition libraries provide another boost to the analyst's productivity. The highly-regarded Transformer SWIFT library encapsulates every aspect of SWIFT Standards, including network validation rules. All messages in both the MT and MX series are fully covered and MT-MX conversion mappings are also available as pre-built libraries.

Transformer's powerful, intuitive Design-Time GUI presents SWIFT message structures and mappings in an easily navigated, business-meaningful form, giving analyst-level staff a clear picture of even the most complex structures.

## Create mappings quickly

The analyst using Transformer can specify mappings very easily, copying a field from the source to the target message with a simple drag and drop action. Transformer also provides a wealth of predefined mapping actions that can be quickly selected to carry out a huge range of transformations of message data. Complex conditional logic is fully catered for - with no need for program code.

Specific mapping actions allowing the user to copy to/from common Swift field structures (e.g. Name & Address, Party, Currency & Value) allowing the user to quickly build the transformation they need.

## Raise quality and reduce costs

Traditional testing is time-consuming: specifying a mapping, deploying it as an executable, running it in a test environment, and reporting the errors back for re-specification. With Transformer the process is much simpler: the testing is carried out directly by the analyst using Transformer's fully integrated testing suite.

With Test-As-You-Build the analyst simply tests each element of the mapping definition as soon as it is added. The results of each mapping action on the test data are displayed immediately. This capability moves the initial testing process as far upstream as possible, ensuring high quality from the very start.

Once a mapping has been created, users can associate many test data messages with this mapping and execute the entire group as one test.

## Manage change with ease

Once the mapping is complete, Transformer protects the investment made by saving both the input test data and the resulting output with the mapping itself. The test can thus be quickly repeated later in regression mode, where all differences are highlighted.

Transformer can now also be configured as a SWIFT testing tool, responding to messages with the same Acks and Naks as are returned by SWIFT's test network.

Transformer's powerful change management features greatly reduce the biggest overhead faced by many financial institutions - simply keeping up with continually evolving standards. The 'Where Used?' function for example instantly pinpoints every impact arising from a change to a message field, or other component.

## Deploy anywhere

Transformer's simple API and its range of specialised service builders allow solutions to be deployed rapidly into many kinds of 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.

## Selected by SWIFT

In 2012, following a rigorous evaluation process, SWIFT selected Transformer to embed within its own integration solutions. Transformer is now being used in a large and growing number of SWIFT client sites.

For more information about Transformer for SWIFT please call +44 (0) 20 7825 1000 or email: [info@tracefinancial.com](mailto:info@tracefinancial.com)

## 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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