# Still looking for the missing piece?

# Prowide Integrator

**SWIFT message development toolkit**

A secure choice to meet your specific
SWIFT integration needs

# Prowide Integrator

Especially suited to automate today's complex message flows.

• Open Source core component, no hidden lock-ins.

• Supports all messages from both **FIN MT** (ISO 15022) and **MX** (ISO 20022) standards.

• Reduces efforts in the implementation
and maintenance of your SWIFT software infrastructure.

## SDK + modules

The Integrator is an SDK with a range of optional modules. It can thus be tailored to fit your own SWIFT Integration needs, whatever your processing volume.

The **SDK** is the cornerstone of the package; as it implements the model and parser for both **FIN MT** and **MX** standards on which functional modules are implemented.

Each optional module provides specific features:

• SWIFT standard compliance **Validation**

• Real-time message **Matching**

• **MT-MX translations**

• Message conversion to **proprietary formats**

• **Duplicate detection**

• Messages persistence and **Warehousing**

• **MQ host adaptor** connectivity

• **Routing** and integration of local systems

# Prowide Integrator Modules

## Validation

Adds the feature to validate that an MT or MX message is **SWIFT standard compliant**, preventing NAKs and rejections. All SWIFT format validations are implemented including semantics (network rules) and BICs validation. Custom rules are also supported.

## MT-MX Translations

Implements the **translation rules** defined by SWIFT to convert MT messages into its analogous MX version, and vice-versa. Suited to accelerate and simplify the migration to the new SWIFT MX standard.

## My Format

Provides conversion of SWIFT message data into **local proprietary** formats and vice-versa. It can be customized to convert any old back-office format to MT or MX standards, centralizing the development to only one application, and simplifying the maintenance when the standards change.

## MQ

Enables the integration of back-office applications or a middle-ware with Alliance Access using **MQ Host Adaptor**. It implements an MQ connector as message partner for SAA and the reconciliation protocol for delivery notification, ACK and NAK.

## Matching

Enables real-time matching of messages based on user-defined rules, preset for Treasury and Securities, similar to **SWIFT Accord**. It is installed as an in-house solution for all your trade operations, regardless of counterparty subscriptions. Provides improved efficiency, increased STP and reduced settlement risk.

## Duplicates

Prevents the **duplicate emission** of outgoing messages and the **duplicate processing** of incoming messages. A proprietary algorithm detects duplicates based on the message UUID, MUR, MIR, checksum and message block content. It can be configured per message type and matching field.

## Warehouse

Allows the storage of **large bursts of messages** for archiving and reporting. Supports the creation of custom **horizontal and vertical partitions** of the universe of messages, as well as built-in graphic reports.

## Business Flow

Built-in routing engine tailored to specific business flow scenarios, defining how different messages are driven between the SWIFT interface and the institution core system, middle-ware or back-office applications.

## Maintenance and Support

Professional support services are included by subscription, including; technical assistance, product enhancements and SWIFT standard upgrades.

The component is yearly updated to the latest SWIFT **SRU six months prior to going live**.

# MORE PRODUCTS

## Prowide Enterprise

Ready-to-use SWIFT platform tailored to your own needs.

The Enterprise includes all features of Prowide Integrator along with a GUI that can be used to create messages manually and to centralize the processing of all message flows.

## Prowide Integrator .NET

A port to Microsoft .NET platform for non-Java users, including all features provided by the Integrator API.

Grow revenue.
Achieve lower stable cost structures.
Be resilient.

🖥 www.prowidesoftware.com

💬 info@prowidesoftware.com

📍 9, Rue Des Trois Cantons,
Windhof Bâtiment "Olympia"
L-8399 LUXEMBOURG

📞 31 6 14 25 24 14

**prowide**

Leading SWIFT software in the
open source community since 2006

**K-Consultants**
Regulatory Compliance and SWIFT Messaging

**SWIFT** Registered Provider