

# Developer Tools for SWIFT MT

*Develop payments, securities and fx applications*

Datamation's range of SWIFT MT developer tools have been specifically designed to provide banks and solution providers with the tools necessary to implement SWIFT MT messaging. The tools provide a collection of Java libraries that enable the parsing, building and validating of all the SWIFT MT messages necessary to develop payments, securities and foreign exchange applications.

Enhanced database connectivity provides easy integration with your existing back office systems and ensures full connectivity between the SWIFT MT messaging component and a relational database, with storage, retrieval and update of incoming and outgoing messages.

Using these tools, it becomes possible to quickly support payments, reconciliation, cash management reporting, funds, securities, treasury and foreign exchange using the globally established SWIFT MT format.

The tools are regularly updated to maintain compliance with the latest SWIFT standards release guide (SRG). This ensures that your solutions will remain compliant without expending additional resources on the underlying SWIFT validation rules.

Whether you are looking to implement SWIFT MT payments, securities or foreign exchange messages for the first time or wish to upgrade your existing legacy system to the latest level of compliance, Datamation provide the perfect solution.

With 20 years experience developing payments and banking related solutions, Datamation's business experts are ideally positioned to support your financial messaging project.

## Key features

- Java libraries for platform independence
- Hibernate persistence layer for extensive database compatibility
- SWIFT MT support (parsing, building and validating)
- Focussed versions, covering all the messages needed for "Payments and Cash Management", "Funds and Securities" and "Treasury and Foreign Exchange"

## Benefits for Developers

- Component based, providing interoperability with existing applications and systems
- Simplifies maintenance by consolidating existing redundant and duplicated systems
- Greatly reduced development timeframe
- Innovative database design enables data mining of all SWIFT MT message traffic
- Yearly updates ensure continued SRG compliance
- Supported by experienced business experts

# SWIFT MT developer tools

The SWIFT MT developer tools are available in the following 3 versions, each focussed on a specific business domain.

## Payments and Cash Management

*Supports for the following messages:*

Customer Payments & Cheques	-	MT1xx
Financial Institution Transfers	-	MT2xx
Cash Management & Customer Status	-	MT9xx

## Funds and Securities

*Supports for the following messages:*

Securities Markets	-	MT5xx
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## Treasury and Foreign Exchange

*Supports for the following messages:*

Treasury Markets -		
Foreign Exchange, Money Markets & Derivatives	-	MT3xx
Precious Metals / Syndications	-	MT6xx

## SWIFT MT Database Connector

Each version also includes the SWIFT MT Database Connector that handles the inserts, updates, selects and deletes of the elements of your SWIFT messages against a relational database. This greatly simplifies the development of SWIFT MT messaging applications, enabling the storage and retrieval of a SWIFT MT message by simply calling a method. It is not necessary to be concerned with the data format and positioning in the database, since the component utilizes a variant of the SwiftMsgObject created by the messaging tools.

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