

# ERP Developer Toolkit for SWIFT

*Enhance Enterprise and Accounting Systems with SWIFT messages*

Payments, Reconciliations and Cash Management Reporting are now a key component of any ERP system; this usually entails a multitude of costly, proprietary communication methods to be implemented between the Corporate systems and their Banking partners.

The increasing level of corporate support provided by SWIFT, and in particular the launch of the SWIFT Alliance Lite connectivity service, means that a single, cost effective and globally established communication method is now possible.

Datamation's ERP developer toolkit has been designed to provide the tools necessary to enhance enterprise and accounting systems with SWIFT messaging support. The toolkit provides a collection of Java libraries that enable the parsing, building and validating of all the SWIFT MT messages necessary to fully support payment initiation and cash management.

Using this toolkit, any system can be extended to support payments, reconciliation and cash management reporting using the globally established SWIFT MT format. Message support is provided for both 'Corporate to Bank' and 'Bank to Corporate' communications.

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

With 20 years experience developing payments and banking related solutions, Datamation's business experts are ideally positioned to support any corporate, SWIFT based, payments project.

Seamless integration with SWIFT's new Alliance Lite connectivity option provides corporate customers with a flexible and cost effective method for communicating with any number of banks and financial institutions. Now, it is no longer necessary to implement proprietary infrastructure for each banking relationship.

Standardizing upon a single SWIFT connectivity solution for all Corporate to Bank communications not only provides significant cost benefits but also ensures a simplified and more effective user experience.

## Key features

- Java libraries for platform independence
- SWIFT MT support (parsing, building and validating)
- Supports the entire Payments to Reconciliation process
- Supports the key 'Payment Initiation' and 'Confirmation' messages
- Provides advanced Enterprise level functionality with 'Exceptions and Investigations' and 'Account Reporting' messages
- SWIFT Alliance Lite integration for cost effective SWIFTNet connectivity

### **Benefits for Banks & Developers**

- Ensures competitiveness by providing customers with advanced services
- Single, simplified implementation supporting global customers
- Greatly reduced time-to-market
- Yearly updates ensure continued SRG compliance
- Supported by experienced business experts

### **Benefits for the Corporate**

- Single connection for all banking relationships
- Streamlined payments process
- Automatic confirmations and reconciliation
- Improved liquidity management
- Availability of Account Balances and Statements

## **SWIFT MT**

Cash Management messages supported

### **Corporate to Bank**

<i>Initiation of Credit Transfers</i>	MT 101 MT 103	Request for Transfer Customer Credit Transfer
<i>of Direct Debits</i>	MT 104	Request for Direct Debit
<i>Exceptions and Investigation</i>	MT 192 MT 195 MT 196 MT 999	Request for Cancellation Queries Answers Free Format Message

### **Bank to Corporate**

<i>Exceptions and Investigation</i>	MT 195 MT 196 MT 199 MT 999	Queries Answers Reject Free Format Message
<i>Account Reporting</i>	MT 900 MT 910 MT 940 MT 941 MT 942	Confirmation of Debit Confirmation of Credit Customer Statement Message Balance Report Interim Transaction Report

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