



# SWIFT Solution

## FAST AND COST-EFFICIENT INTEGRATION WITH SWIFT

Global financial institutions have many critical business activities that require financial data communications and processing services with various third parties. SWIFT (Society for Worldwide Interbank Financial Telecommunication) offers a global financial network for financial institutions to exchange secure, well-formatted information with each other.

To quickly leverage the benefits of this financial network, institutions need integration and connectivity between their existing systems and SWIFT.

Software AG provides the most comprehensive support for SWIFT connectivity and back-end system integration to allow financial institutions to optimize business activities such as payments, securities, treasury, and trade services.

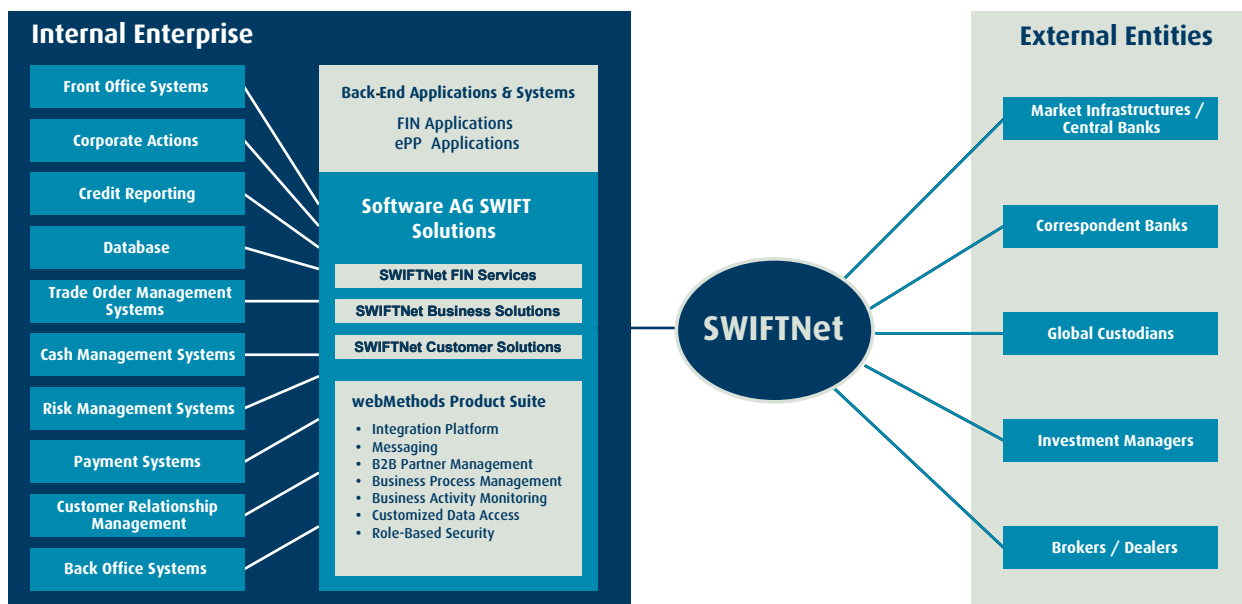
Before institutions connect to SWIFTNet and send/receive Financial (FIN) messages, numerous steps and procedures take place

across multiple internal systems to complete the business process. Software AG can automate these steps and procedures through integration of back-end systems and applications. Our other value-added capabilities include real-time monitoring of these steps and systems, automated handling of process exceptions, and personalized data views for end-users.



*Ready Application*

Financial EAI 2011



## SWIFT STP Capabilities

- **Message Transformation** – Easy-to-use mapping tool creates mappings from any source format to any target format. It goes beyond just the tag names of SWIFT messages by showing the logical names as well as the sub-fields.
- **Message Archival** – All inbound and outbound messages can be archived before or after transformation and for any period of time.
- **Message Types & Standards** – Our solution supports all message types that are used by the FIN service, including the ISO 7775, ISO 15022, and ISO 20022 message types.
- **Data Dictionary Approach** – All syntax validation rules associated with the fields are configured in the data dictionary. Changes in the data dictionary fields and validation rules are automatically reflected and applied to all messages at runtime. Our data dictionary is based on the ISO 15022 standard.
- **Flow Control & Monitoring** – Software AG's system management and monitoring capabilities proactively control and monitor message flows.
- **Exception Handling** – Financial institutions can automatically or manually resolve exceptions and errors and also can view and edit messages that may cause exceptions during processing.

## SWIFTNet Connectivity Options

- **SWIFTAlliance Access (SAA) Integration** – Software AG supports three ways to connect to SAA. [1] Automated File Transfer (ATF) is through our core file transfer and handling mechanism. [2] CASmf is through our FIN core capabilities. [3] MQSeries Adapter (MQSA).
- **SWIFTAlliance Gateway (SAG) Integration** – We support three ways to connect to SAG. [1] Remote API Host Adapter (RAHA) is through our core API capabilities. [2] File Transfer Agent (FTA) text is through our core file transfer and handling mechanisms. [3] MQSeries Host Adapter (MQSHA).
- **SWIFTNet Link (SNL) Integration** – We support SNL through SAA and/or SAG interoperability between financial institutions.

## Software AG webMethods product suite

- **Robust System Integration** – Our proven integration capabilities connect a wide variety of financial institutions' back-end systems with those of their customers and business partners.
- **Business Process Modeling** – We enable financial institutions to graphically model and orchestrate business processes to automate system-to-system interactions and manual human workflows.
- **Business Activity Monitoring** – We monitor processes in real time and alert end-users to problems that may affect business service levels. We also link process information to key performance indicators (KPIs) for financial institutions to manage their business in real time.
- **Personalized Data Views & Access** – We offer a robust application development environment to create composite views of disparate data. Through personalized views into real-time information, end-users at financial institutions are better able to serve customers.

## KEY BENEFITS

- **Payments.** Software AG meets the needs of banks to settle cross-border payments and settlements and supports the bank-to-bank payments segment that now includes settlements related to securities transactions and other processes.
- **Securities.** Software AG facilitates Straight-Through Processing (STP) and risk management across the entire transaction chain with SWIFT securities messages.
- **Treasury.** Software AG's support for Continuous Linked Settlement (CLS) through back-end integration helps financial institutions reduce risks associated with cross-currency transactions.
- **Trade Services.** Software AG facilitates STP of trade services, including automation of collection, cash letters, documentary credits and guarantee processing.
- **Corporate Connectivity.** Software AG enables corporate customers to communicate with their banks by integrating their systems with SWIFTNet via Member Administered Closed User Groups (MACUGs).

To find the Software AG office nearest you, please visit [www.softwareag.com](http://www.softwareag.com)

## ABOUT SOFTWARE AG

Software AG is the global leader in Business Process Excellence. Our 40 years of innovation include the invention of the first high-performance transactional database, Adabas; the first business process analysis platform, ARIS; and the first B2B server and SOA-based integration platform, webMethods.

We offer our customers end-to-end Business Process Management (BPM) solutions delivering low Total-Cost-of-Ownership and high ease of use. Our industry-leading brands, ARIS, webMethods, Adabas, Natural, CentraSite and IDS Scheer Consulting, represent a unique portfolio encompassing: process strategy, design, integration and control; SOA-based integration and data management; process-driven SAP implementation; and strategic process consulting and services.

Software AG – Get There Faster

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