

# TIBCO SOLUTION FOR SWIFTNET

## AT A GLANCE

**TIBCO Solution for SWIFTNet** provides a comprehensive integration platform that helps organizations automate the processing of complex SWIFTNet transactions, thereby bridging the gap between internal back-office systems and SWIFTNet.

### BENEFITS

- Improves operational efficiency by reducing human intervention along the transaction lifecycle, thereby lowering transaction costs, improving the quality of data and putting in place fully auditable business processes.
- Reduces cost of migration and ownership by promoting the reuse of existing data and applications and simplifying the integration of new applications into the architecture.
- Enables implementation of industry best practices by building libraries of process templates using recommendations from organizations such as the Securities Market Practice Group or ISO 15022.
- Maximizes return on investment by leveraging an infrastructure that is reusable and flexible enough to cover initial and evolving needs.
- Increases execution speed of SWIFTNet transactions.

The Society for Worldwide Interbank Financial Telecommunication (SWIFT) is the industry owned cooperative supplying secure, standardized messaging and interface software to more than 9,000 financial institutions in more than 200 countries. The SWIFT community includes banks, broker/dealers and investment managers, as well as their market infrastructures in payments, securities, treasury and trade services.

SWIFT has provided their services over an X.25 network for more than 25 years. Several years ago, SWIFT introduced SWIFTNet, the new IP-based network to provide business-focused messaging, real-time operations and leverage from internet technologies. This new infrastructure requires customers to manage the complexity of sharing a connection between back-office applications that previously had separate, point-to-point connections to SWIFT FIN. In addition, SWIFTNet requires financial institutions to migrate from old message formats and legacy systems to ISO 15022-based formats and to keep an eye on future standards such as ISO 20022 (UNIFI). Financial institutions must adapt or risk not being able to conduct business with their

counterparties and partners.

TIBCO provides a comprehensive integration platform that helps companies automate the processing of complex SWIFTNet FIN, InterAct and FileAct messages, thereby bridging the gap between internal systems and SWIFTNet infrastructure. TIBCO's SWIFT certified integration platform, TIBCO BusinessWorks™, provides a graphical user interface (GUI) for creating and defining integration scenarios (connectivity, validation, mapping and transformation), an engine that automates routine sequences of tasks in real time, and a web-based interface for monitoring applications and activities. TIBCO BusinessWorks™ in combination with TIBCO® Adapter for SWIFT software provides connectivity to SWIFT Alliance Access (SAA) and SWIFT Alliance Gateway (SAG) and enables the bi-directional routing of SWIFTNet-based messages to and from applications across the enterprise.



*TIBCO's solution provides an intuitive graphical user interface for formatting, parsing, validating, mapping and transformation of SWIFTNet messages.*

# ATTRIBUTES & CAPABILITIES

## Key Features and Capabilities

- Supports all SWIFTNet defined FIN message types, including ISO 15022 messages and implements all SWIFTNet mandated validations (syntax and network rules).
- Supports both SAA and SAG connectivity modes: CASmf, FTP, SOAP, FileAct (FTA/FTI), MQ gateways: MQSA/MQHA.
- Provides an easy-to-use GUI for formatting, parsing and validating of MT, MX and XML messages.
- Integrates and validates BIC/BIC+ directories.
- Reference data lookup and validation against BICPlusIBAN and SEPA Routing Directory.
- Additional BusinessWorks SWIFTNet plugin is available for validation, parsing and rendering of SWIFT messages within the integration process definition.
- Fine control over validations to apply to messages.
- Supports all Investment Fund templates.
- Supports archiving of messages to database.
- Comprehensive error reporting.

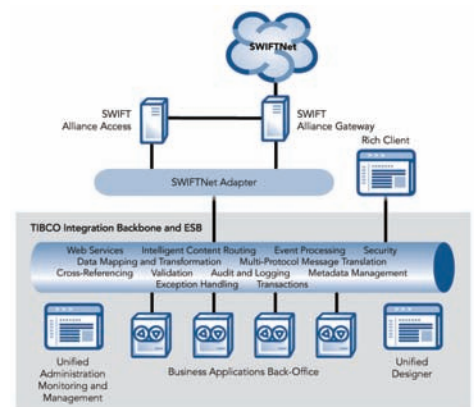
## TIBCO BusinessWorks

TIBCO BusinessWorks is TIBCO's SWIFTNet certified integration platform. It is a powerful but easy-to-use integration server that provides world-class integration technology in a rapidly deployable solution that manages the entire lifecycle of integration projects. TIBCO BusinessWorks follows a four-step model for configuration, implementation and use:

- **Model:** TIBCO BusinessWorks enables business managers and IT staff to collaborate on the creation and modification of the sequences of tasks and flow of information that make up the transactions lifecycle.
- **Assemble:** TIBCO BusinessWorks gives IT staff and business people the ability to assemble the applications and personnel required to perform the tasks that comprise a business activity without any coding.
- **Deploy:** TIBCO BusinessWorks reduces the time and complexity of implementing new or modified process rules by automating the process by which configuration information and process rules are propagated to the appropriate servers and applications.
- **Manage:** Because TIBCO BusinessWorks stores and tracks all process data, business and IT managers can access and analyze a rich set of process metrics that enable them to measure key performance indicators such as cycle times, resource utilization and performance relative to objectives.

## Conclusion

By modeling, managing and improving the entire transaction lifecycle, customers are able to drive down operational costs – reducing the costs per transaction and improving profitability per transaction. TIBCO's certified solution for SWIFTNet enables organizations to automate the processing of complex SWIFTNet FIN, InterAct and FileAct messages and bridge the gap between internal systems and SWIFTNet.



## About TIBCO

TIBCO Software Inc. (NASDAQ: TIBX) is a provider of infrastructure software for companies to use on-premise or as part of cloud computing environments. Whether it's efficient claims or trade processing, cross-selling products based on real-time customer behavior, or averting a crisis before it happens, TIBCO provides companies the two-second advantage™ - the ability to capture the right information, at the right time and act on it preemptively for a competitive advantage. More than 4,000 customers worldwide rely on TIBCO to manage information, decisions, processes and applications in real-time. Learn more at [www.tibco.com](http://www.tibco.com).

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