

IBM WebSphere Business Integration for Financial Networks Extension for SWIFTNet

Highlights

- *Helps realize cost-of-ownership savings through resource optimization and the protection of skill-building investments*
- *Helps reduce costs in back-end payment functions by centralizing administration, operation and control*
- *Increases operational resilience and business continuity by minimizing investment requirements and performing migration processes incrementally*
- *Helps improve business effectiveness by ensuring a flexible integration foundation for the seamless integration of new business applications*
- *Facilitates competitive advantage by leveraging multi-bank capabilities*
- *Protects existing investments in IT infrastructure*
- *Migrates IBM MERVA for ESA users smoothly to SWIFTNet FIN*

Financial institutions face tough migration and integration issues as their systems move to Web technology. They need to reduce costs while improving automation and managing risks. And at the same time, operate on a single, standards-based platform for all their communications channels. They need a platform that lets them leverage technology investments and respond to market shifts, an uncertain economy and changing customer demands.

And with the constantly evolving challenges facing financial institutions—legacy systems (realtime or batch) that may not speak to one another, development costs spent on integration efforts and new industry standards—they need a solution that links financial network integration technologies to business integration technologies.



Recently, SWIFT (the world's largest financial messaging services provider) changed their classic FIN services to IP technology and also introduced new interactive and file transfer network services. This resulted in potentially separate interfaces to the various services with the added complexities of integration, configuration and management problems.

IBM WebSphere® Business Integration for Financial Networks is a message integration solution used to solve this potential dilemma. Using WebSphere Business Integration for Financial Networks Extension for SWIFTNet, financial institutions can integrate several SWIFTNet service types—FIN, InterAct and eventually FileAct—within one window to the network. Existing applications (such as MERVA) and new applications (such as IBM Liquidity Manager) both can utilize the same platform to integrate with these network services. By offering a single integration platform to the network, WebSphere Business Integration for Financial Networks Extension for SWIFTNet simplifies network operations and reduces the complexity of the system environment.

Resolving emerging B2B integration issues

WebSphere Business Integration for Financial Networks solves two real issues facing large financial institutions: the industry-wide requirement to move to SWIFTNet, the Internet Protocol-based network services announced by SWIFT and the growing need for trusted electronic payments in the business-to-business (B2B) e-commerce industry.

WebSphere Business Integration for Financial Networks consists of an integration base network hub that supports common messaging functions like security, message warehousing, event logging and tracking and administrative capabilities. This base network hub enables the use of various extensions. Two currently available extensions help financial institutions manage multiple external communications channels, such as SWIFT FIN over Internet Protocol (IP), and trusted payment initiation, a new IBM program that lets companies offer secure online-based payment services to their customers and partners.

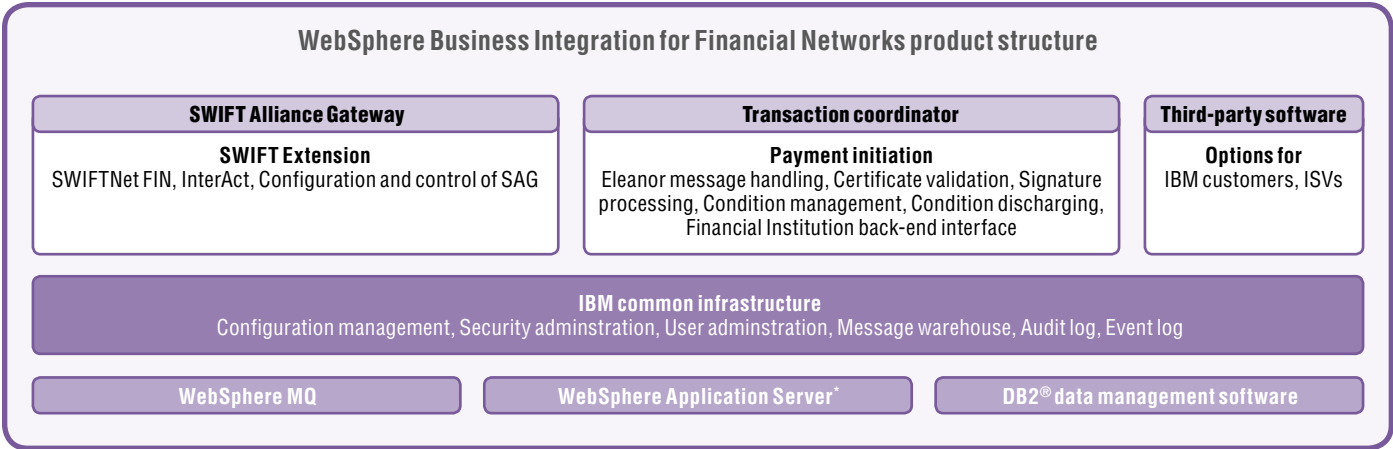
WebSphere Business Integration for Financial Networks is built on WebSphere middleware to provide a common network integration capability that will enable financial institutions to integrate existing and emerging networks with their enter-

prise processing systems. The SWIFTNet and trusted payment initiation extensions are designed to build on existing systems and assets, protecting investments and maximizing the opportunities to grow businesses.

A sturdy foundation for network infrastructures

WebSphere Business Integration for Financial Networks provides an open architecture that meets a variety of network integration needs. This product provides banks, stock exchanges and other financial institutions with a single platform for all communication channels.

WebSphere Business Integration for Financial Networks Extension for SWIFTNet is an integration platform for financial applications that require access to SWIFT Secure IP Network (SIPN) and the Internet. Its robust, reliable and highly scalable messaging infrastructure helps simplify operation, consolidate resources and improve productivity through centralized services. And its ability to segregate data is an indispensable asset to financial service providers that require multibank capability.



IBM WebSphere Business Integration for Financial Networks Extension for SWIFTNet is an integral component of the IBM overall financial services solution. *Only FNI PI CDP

Experience seamless migration to SWIFTNet

WebSphere Business Integration for Financial Networks offers an integration base that supports channel-specific communications, including the SWIFT IP network. The SWIFTNet extension combines with IBM MERVA for ESA* —the IBM financial messaging product for SWIFT FIN service— to offer a full FIN solution for the new SWIFTNet. This is the solution for all MERVA users who must participate in a mandatory migration from the discontinued SWIFT X.25 network to the secure SWIFT IP Network (SIPN).

IBM MERVA for ESA is a message entry processing and communication system designed to enable financial institutions to exchange messages internally within their business and, externally, using SWIFT, with peer institutions. A bridge between MERVA and the WebSphere Business Integration for Financial Networks Extension for SWIFTNet replaces the classic “SWIFT Link” of MERVA—and allows existing business applications (adapted to MERVA) to access the SWIFTNet FIN services without alterations. Existing back-office applications attached to MERVA will continue to use the MERVA services while the underlying access to the new SWIFTNet FIN remains transparent.

WebSphere Business Integration for Financial Networks Extension for SWIFTNet supports the concurrent use of both SWIFT services: InterAct by a direct interface and WebSphere Business Integration for Financial Networks through the MERVA bridge. This single window to the network simplifies network operation and lowers the complexity of the system environment.

With MERVA, banks can operate the classic SWIFT Link and the bridge to WebSphere Business Integration for Financial Networks in parallel. And because they can continue to send FIN messages from MERVA applications to both SWIFT network connections, migration is smooth and incremental.

A leading edge solution

With WebSphere Business Integration for Financial Networks, IBM continues to deliver leading-edge solutions that meet financial institutions' needs for straight-through processing of payment messages. Our offering provides both a network integration hub and optional communications extensions to support both back-end payment and securities processing through SWIFTNet FIN and front-end payment message processing for trusted payments initiation.

WebSphere Business Integration for Financial Networks is part of the WebSphere Business Integration platform. This platform is the next step in the IBM evolution of leadership in integration middleware. Customers can tailor and customize the platform according to their specific needs.

For more information

To learn more about the IBM WebSphere Business Integration for Financial Networks, visit:

ibm.com/websphere/integration/fn



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