

WebSphere® software



## Prepare for industry shifts while protecting existing investments.

*Make the change to SWIFTNet FIN with WebSphere Business Integration for Financial Networks*

As technology changes the way financial markets operate, the needs of financial institutions change, too. For example, banks need to eliminate multiple systems that operate as technical silos, standardize interfaces, widen their product and service offerings and adapt to new standards like XML. Also, as your financial company migrates to Web technology, you need to keep costs low while improving automation and managing risks. By operating on a single, standards-based business platform for all your communications channels, you can integrate existing applications and infrastructures, enabling your company to share information across financial institutions quickly and easily. Making these changes can facilitate a quicker return on your investment and a more flexible operating environment.

IBM WebSphere® Business Integration for Financial Networks can meet these needs with a platform that lets you utilize current technology investments and respond to market shifts and changing customer demands. Its open-standards platform with links to older technologies (like IBM MERVA) can help you migrate to new technologies (like messaging-oriented middleware, including message-process flows through broker technology) while protecting current investments.

Along with technology changes in the financial marketplace, there are new requirements. In December 2000, the Society for Worldwide Interbank Financial Telecommunications (SWIFT) announced a change from the X.25 network to an Internet Protocol (IP) network for their popular finance (FIN) messaging service. Making this move will help SWIFT and its customers reduce network communication costs. But it also requires SWIFT customers to change their existing mission-critical infrastructures. SWIFT also introduced new interactive and file-transfer network services. These services can help your company participate in additional financial initiatives like risk reduction in payment processing, quicker turnaround of payments and trades, and an improved ability to comply with industry initiatives (including the Patriot Act in the U.S. and European Banking Association (EBA) Step2 for Euro consolidation in Europe). The result of these SWIFT changes is SWIFTNet, an integrated set of messaging services designed to better support financial institutions. By providing SWIFTNet FIN with its message sets on an IP network, your financial institution can access other services on the IP network to make efficient use of new and existing market infrastructures like Realtime Gross Settlement (RTGS) and Continuous Link Settlement (CLS). This new efficiency can help your company grow. The X.25 shutdown is scheduled for 2005, when all SWIFT FIN customers must be migrated to SWIFTNet FIN.

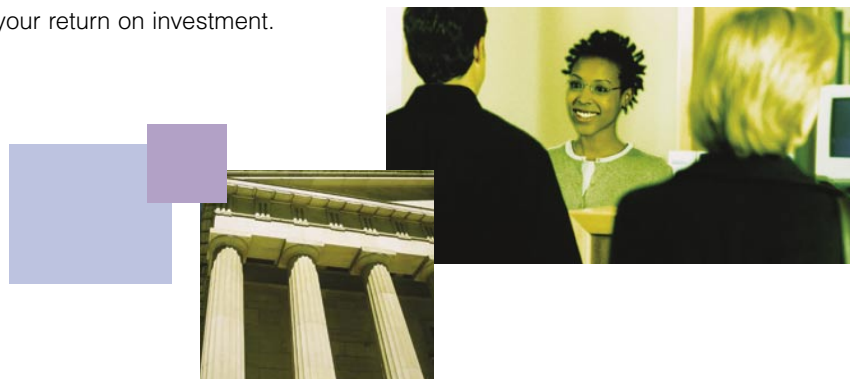
The introduction of new messaging and network services has resulted in separate interfaces to various financial services. These separate interfaces require more people to support the systems, cause more potential points of failure and make it difficult to add services such as RTGS systems and services for regulation requirements. To migrate your financial institution to SWIFTNet FIN successfully, you need a solution that will also address these new issues and make the transition as smooth as possible. At the same time, WebSphere Business Integration for Financial Networks helps you solve other important challenges—like cost control and risk management—associated with moving to Internet-based technology and business-to-business (B2B) e-commerce.

**Choose a solution that will grow with your business**

IBM WebSphere Business Integration for Financial Networks with the Extension for SWIFTNet is a message-integration solution that addresses the issues facing large financial institutions—such as transitioning to the Web and becoming compliant with SWIFTNet FIN requirements. WebSphere Business Integration for Financial Networks is built on WebSphere middleware from IBM to provide a common network integration capability. This capability enables your financial institution to integrate existing and emerging networks with your enterprise systems to help you save money.

WebSphere Business Integration for Financial Networks consists of two main elements: a base—or common network architecture—and extensions for financial network services. The base provides one environment to control all message traffic into and out of your financial institution. And it supports common messaging functions like security, message warehousing, event logging and tracking, and administrative capabilities. A common network architecture requires fewer people to support multiple interfaces. And gives you the flexibility to incorporate new external access points—such as EBA Step2 and RTGS systems—to help support regulation requirements while speeding up your return on investment.

The base enables the use of various extensions, which access different external interfaces like market infrastructures that can assist with risk management and industry regulations. For example, market infrastructures such as RTGS provide capabilities to process payments in realtime, which can help reduce a bank's risk as it processes high-value payments. Extensions also interface with common messaging functions (like audit and tracking data) of the base to facilitate the use of a common infrastructure. The currently available extension to WebSphere Business Integration for Financial Networks is the SWIFTNet extension. Extensions help financial institutions manage multiple external communications channels—such as SWIFTNet FIN over IP—with less complexity. So you can concentrate on your core business and strategic directions, such as participating in new technologies and B2B initiatives, instead of dealing with the application impacts of the SWIFT technology shift from X.25 to IP. The SWIFTNet extension helps protect your investments by building on existing systems and assets. And maximizing the opportunities to grow your business by letting you quickly and easily add more external interfaces.



### **Migrate to SWIFTNet FIN at your own pace**

As with any business change, you need a nondisruptive migration to SWIFTNet FIN. WebSphere Business Integration for Financial Networks with the Extension for SWIFTNet can help facilitate a smooth migration to the SWIFTNet FIN services. It allows you to slowly migrate to the new infrastructure using a bridge (or link) to your existing processing environment (such as MERVA). Your existing environment stays operational as you migrate incrementally.

WebSphere Business Integration for Financial Networks with the Extension for SWIFTNet can also help you integrate other SWIFTNet service types—like InterAct and FileAct—within your network. Allowing you to incorporate additional infrastructures into the overall messaging infrastructure quickly and easily. Flexible integration allows both your existing and new applications to use the same platform to integrate with other SWIFTNet services and additional external interfaces. The flexible integration improves control and monitoring of external interfaces because fewer people are required to support them. Helping you maintain your legacy software to keep IT costs down, as well as achieve a quick return on your investment.



### **Start with a solid foundation for network infrastructures**

WebSphere Business Integration for Financial Networks—the base to which you can add the SWIFTNet extension—provides an open architecture that meets a variety of network integration needs. Allowing you to use the external interfaces you need now with the ability to add more as you need them. Banks, stock exchanges and other financial institutions can rely on a single standards-based platform for all communications channels to simplify network operations and help their enterprises operate more efficiently. The robust, reliable and highly scalable messaging infrastructure of WebSphere Business Integration for Financial Networks helps consolidate resources and improve productivity. Administrators can control system administration and operation from a common point rather than monitor and control multiple external interfaces. The single point of control creates a less complex operating environment and helps reduce costs in back-end payment functions. The WebSphere Business Integration for Financial Networks messaging infrastructure provides the common technology base that becomes the foundation of the external messaging architecture. This common framework can help reduce costs and decrease turnaround times for adding external connections.

The ability of WebSphere Business Integration for Financial Networks to segregate data is another indispensable asset to financial service providers that require multibank capability. Segregating data helps distinguish one financial institution's or division's data from another. So processing can be easily and quickly audited and billed back to the actual users of the systems. Tracking and control can be enhanced for financial institutions that process data for smaller banks. This can help facilitate more efficient operations and enable smaller banks to provide extended services capabilities to partners.

### **Rely on IBM experience with financial software**

WebSphere Business Integration for Financial Networks is based on over 20 years of experience IBM has developing reliable financial messaging software and SWIFT. And it's built on proven IBM middleware. So you'll benefit from a solid, scalable infrastructure on which you can build additional functionality and business integration—and make the most of your investment. Over 50 percent of the world's top 600 banks use IBM payment solutions. And nine out of the top ten Fortune 100 companies use WebSphere MQ Integrator Broker, an integral part of the WebSphere Business Integration for Financial Networks solution.

IBM will help you get started by providing the migration support you need. As an IBM customer, you'll experience rapid response to requests, fast problem resolution, high-quality fixes and information, and up-to-date service and installation information. IBM is committed to achieving the highest level of customer satisfaction in the industry, with quality-focused programs designed to provide services that enhance and maximize the use of IBM products.

Trust IBM to help you make the required SWIFT change smoothly. And at the same time, help you prepare for future industry needs with IBM-developed extensions for your WebSphere Business Integration for Financial Networks system. Take advantage of this flexible, cost-efficient integration foundation that will accommodate many kinds of financial messaging while reducing operational complexity. That can help you gain strategic ground in the e-commerce space, while leveraging the IT investments you've already made. Take the lead in the financial industry with WebSphere Business Integration for Financial Networks as new technologies arise.

### **For more information**

To learn more about WebSphere Business Integration for Financial Networks with the Extension for SWIFTNet, visit:

**ibm.com/software/integration/wbifn**





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U.S.A.

Produced in the United States of America  
01-03

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