



Lower business risk and increase IT productivity with trusted, managed and secured file transfer

Today's dynamic business environments and economic uncertainty mean organizations must work smarter to remain competitive, eliminate costly redundancies and promote reuse of existing services while ensuring they are secure, reliable and of high quality.

IBM WebSphere provides a smart SOA approach to untangle costly and debilitating IT complexity associated with point-to-point connectivity and integration, while maintaining the highest levels of reliability. IBM has gone a step further to create a manageable and trustworthy file transfer solution that leverages their current proven message oriented middleware technology to unifying data movement and maximize existing IT investment.

The managed file transfer solution from IBM, WebSphere MQ File Transfer Edition (MQ FTE) delivers a complete solution for reliable file movement. And unlike File Transfer Protocol (FTP), which offers a low cost technology with limited capabilities and only point to point file transfers, IBM WebSphere MQ FTE helps eliminate the threat of data loss and increases transfer visibility to lower IT operating costs.

Why a Managed File Transfer Solution?

The simplest tool for file transfer is **File Transfer Protocol (FTP)**, available on almost all platforms for the quick exchange of files. However, many mission-critical business transactions using file transfer, require a **Managed File Transfer (MFT)** solution to provide extreme reliability, secured management and auditability to reduce integration costs. In these cases a Managed File Transfer solution can provide:

1) Extreme Reliability

- Track the movement of files, eliminating file corruption and demonstrating transaction integrity by monitoring the file from source to target. FTP does not manage, track or secure transfers, it can only move files from one point to another.
- Automate transfers without human intervention to avoid unnecessary delays and lower staff productivity; FTP only supports manual transfers for files and automation with the protocol is unavailable.

2) Secured Management and Auditability of Mission Critical Files

- Set permission-based access to specific file transfers to ensure data security; FTP cannot limit access or provide file security.
- Establish role-based permissions to ensure security and compliance as files moves through various departments; FTP cannot specify security based on job role.
- Establish compliance for audits with reporting from a central activity log on all file transfers using robust auditability; FTP cannot report when a file was created, moved or opened.

3) Reduction in Integration Costs

- Consolidate files and messages into a single transport, eliminating separate infrastructures and the associated cost of maintenance; FTP creates multiple file transfer points that cannot be managed from a single location.

Managed File Transfer using WebSphere MQ File Transfer Edition

Improves reliability of file transfer infrastructure

WebSphere MQ FTE takes advantage of the reliability and delivery assurances of WebSphere MQ. WebSphere MQ File Transfer Edition uses WebSphere MQ to reliably deliver files to any WebSphere MQ supported platform.

Assures security of file contents

WebSphere MQ FTE uses a strong message digest algorithm to verify that each file is delivered completely and correctly.

Zero-programming requirement

WebSphere MQ FTE can provide all the benefits of visibility, management, and audit-ability without the need to develop programs or complex scripts.

Take advantage of an existing SOA infrastructure

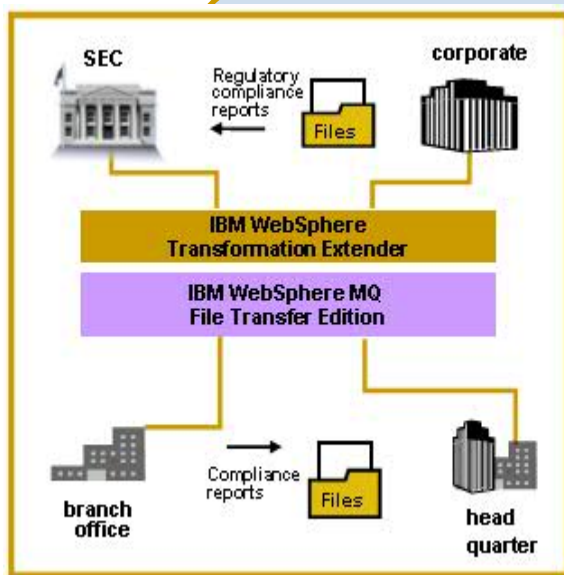
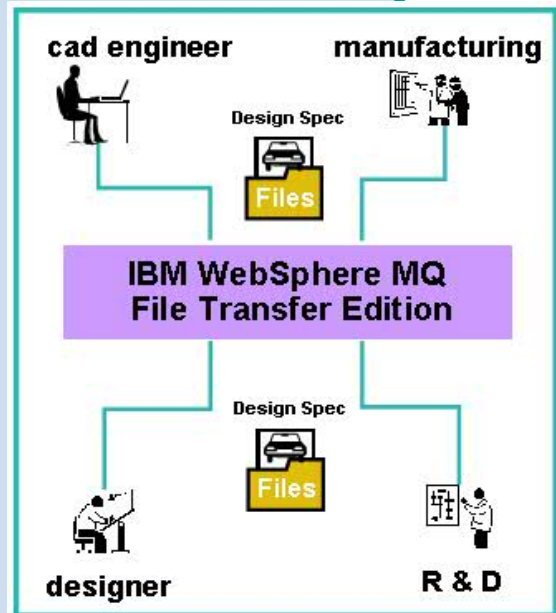
WebSphere MQ FTE is part of the IBM WebSphere MQ family and can be deployed in concert with a new or existing SOA infrastructure.

WebSphere MQ FTE provides Reliable and Secure Managed File Transfer

WebSphere MQ File Transfer Edition can be leveraged for various mission-critical business scenarios across industries. Examples include:

Automotive

Research departments need to collaborate on product design, and share files between offices. In order to collaborate effectively departments need a reliable and secure method to transfer large CAD documents. Many departments use FTP, but this exchange is not reliable or secure, resulting in missed deadlines, and problems managing version control leading to design errors. A managed file transfer solution, like MQ FTE helps design teams transfer files reliably and securely between business units, eliminate errors and quickly deliver new products to market.



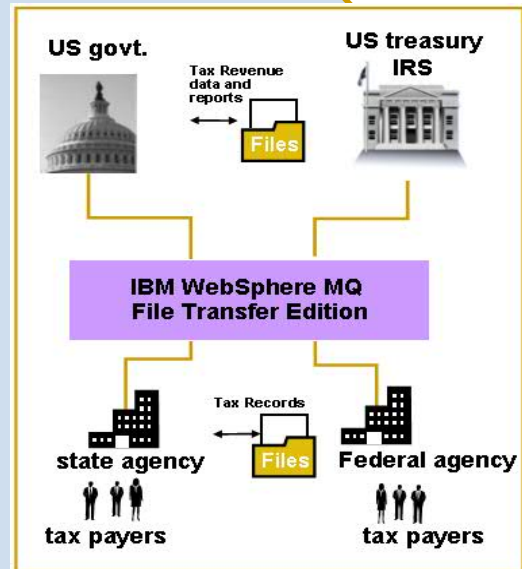
Banking

SEC regulatory and corporate compliance rules require banks to carefully manage and track all files transfers. In these scenarios where FTP cannot meet requirements, MQ FTE offers a robust managed file transfer solution to ensure compliance by providing secure, auditable and reliable file transport of critical business data and helps eliminate business uncertainty and risks. Additionally, WebSphere Transformation Extender could be used for FIX, NACHA, SWIFTNet, SEPA data transformation and compliance.

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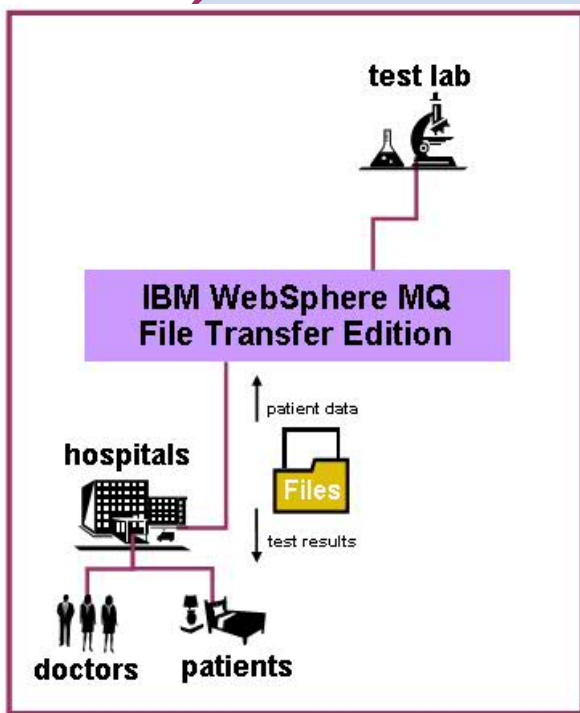
Government

The U.S Government needs to collect and track tax submissions from various federal, state and local agencies for timely collection of funds within the fiscal year. Transfer of tax files using FTP is common, but can lead to loss of sensitive financial information from incomplete file transfers. A managed file transfer solution, like MQ FTE provides extreme reliability and security of all file transfers, helping agencies collect funds within the correct fiscal quarter, and meet year end budget requirements.



Healthcare

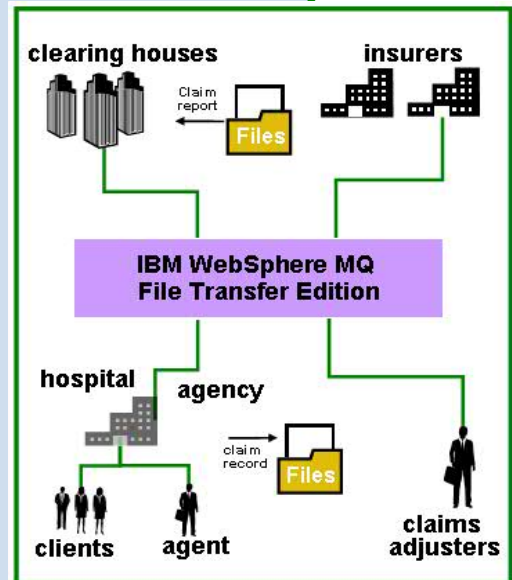
Healthcare providers must maintain secure and auditable file transfers to meet FDA and HIPAA compliance obligations. Unlike FTP, MQ FTE enables reliable and secure transfer of patient data, provides an audit trail that prevents unauthorized access of files in transit. Additionally, receiving patient files in a timely and secure manner means that clinics reduce the wait time for test results, help doctors move to diagnosis quickly and provide higher quality care all while meeting regulatory mandates.



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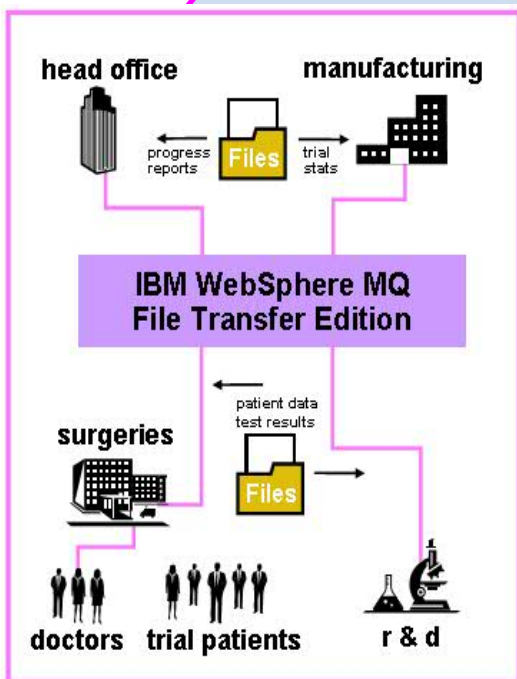
Insurance

Insurance companies cannot afford inefficient health claims processing systems. Most insurers require that claims be complete within a 24 hour period to avoid backlogs and keep up with the increasing number new incoming claims. Using file transfer technologies like FTP, prevents the timely processing of claims due to file transmission delays with lost or incomplete files. MQ FTE provides an automated managed file transfer solution for reliable transport, reduces claim processing times and helps insurance companies increase operational efficiencies and improve customer satisfaction.



Life Sciences

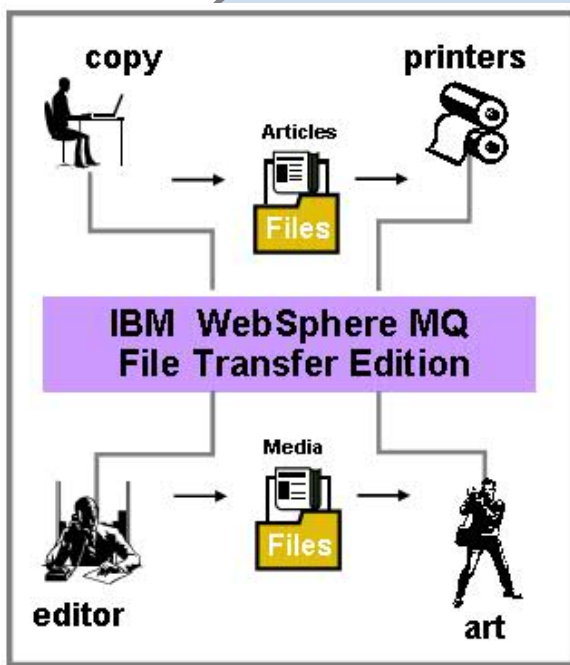
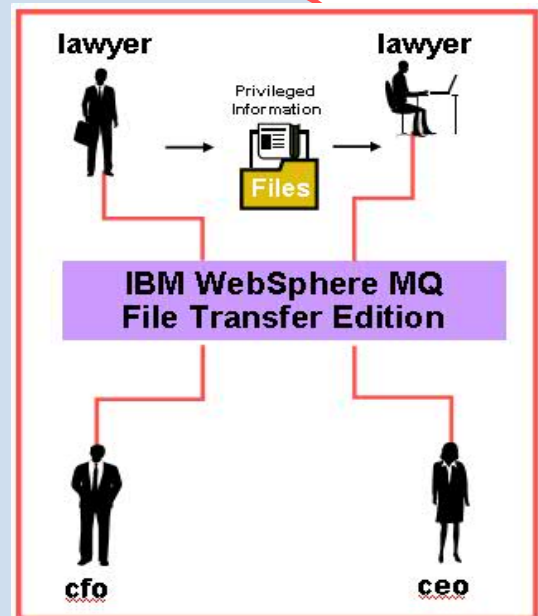
BioTech and Pharmaceutical companies need to securely exchange files containing sensitive clinical trial data. All files must be secure and provide audit reporting to meet FDA and HIPAA compliance. Many of these file transfers contain test sample data (e.g. tissue scan images) and which need to be moved without file corruption. Unlike FTP which cannot audit, secure, or reliably transfer files, a managed file transfer solution like MQ FTE, provides an audit trail for end-to-end file visibility and prevents unauthorized access to files in transit. Reducing the time and cost of exchanging drug trial files between various business units helps pharmaceutical companies deliver new products to market on time.



WebSphere MQ FTE provides Reliable and Secure Managed File Transfer

Legal

Law practices need to securely exchange privileged legal information between departments, and must meet audit requirements demonstrating control over their information sharing. Many law offices use FTP to move files, however it cannot provide transfer reliability, security or audit-ability. Installing a managed file transfer solution like MQ FTE, provides a reliable, secure and auditable transfer of sensitive privileged information, ensuring legal documents are not comprised and client information is kept safe.



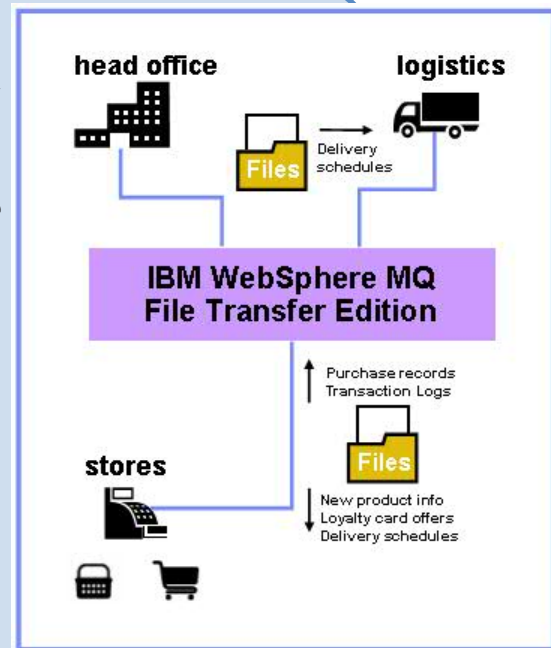
Publishing

Publishing houses need to maintain tight security and version control of manuscripts to meet project deadlines and release new books quickly. Lost or corrupted files cause delay to the release of new books, increasing project cost. By replacing FTP-based transfers with MQ FTE, publishers can track file movement, ensure file security, maintain version control and quality of the final product. This reduces lost or corrupted data and keeps the publisher on deadline to release new books to the market quickly.

WebSphere MQ FTE provides Reliable and Secure Managed File Transfer

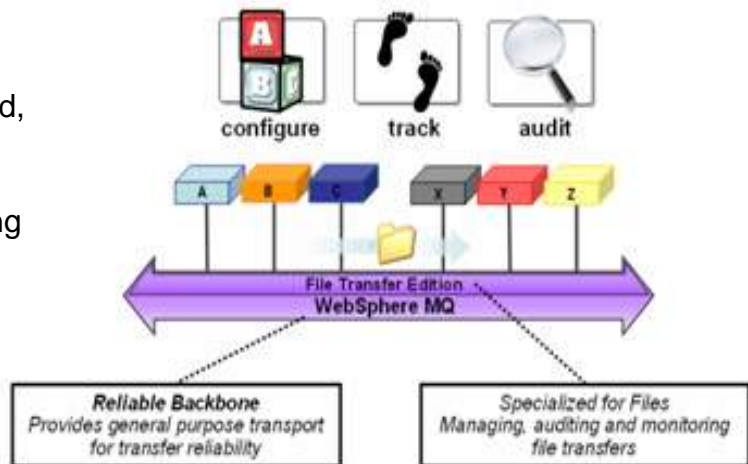
Retail

Retailers need to transfer POS data into inventory management systems as part of daily store operations that track and analyze buying behavior and organize efficient restocking. The current use of overnight batch file transfers via FTP is error-prone, labor-intensive and costly because transfers are not automated or batch transfer fail creating backlogs that require maintenance. A managed file transfer solution like MQ FTE provides real-time, automated and reliable file transfer that eliminates backlogs, and reports transmission failures. This enables a continuous transfer versus overnight batches, helping retailers keep a up-to-the-minute view of demand and stock.



Summary

IBM WebSphere MQ File Transfer Edition helps you build a customized, scalable & automated solution, enabling you to manage, trust and secure file transfers while eliminating costly redundancies, lowering maintenance costs and maximizing your existing IT investments.



Product Information

To learn more about IBM WebSphere MQ File Transfer Edition, please visit <http://www-01.ibm.com/software/integration/wmq/filetransfer/>

For more examples and information about WebSphere MQ File Transfer contact your IBM WebSphere representative

Or visit <http://www.ibm.com/software/integration/wmq/filetransfer/>

