



# TIBCO Managed File Transfer

File transfers are an essential part of everyday business in most organizations. Many systems and applications rely on or produce file data that is critical to an organization's business. The problem is how does an organization move this critical data around and how does it track its movement? Organizations have resorted to custom solutions or forcing products to do things they are not supposed to do. What is really needed is a solution that can move files efficiently and reliably and do it in a managed and secure way that can be tracked and logged.

TIBCO Managed File Transfer™ software enables secure, efficient, enterprise-scale file transfer and automates cross-departmental and external partner processes. It ensures SOX compliance by enabling organizations to audit file transfers and prevent unauthorized file transfers. TIBCO Managed File Transfer software is based on TIBCO ActiveMatrix BusinessWorks™ framework, providing a proven foundation for file movement and a familiar user interface.

TIBCO Managed File Transfer software is optimized for organizations with the following characteristics:

- Highly distributed, global operations
- Decentralized/geographically separate operations
- Large file sizes
- Heterogeneous environment; data lives in legacy and open systems
- Highly regulated environment
- Sensitive/customer-centric data
- File exchange with external partners

## AT A GLANCE

**TIBCO Managed File Transfer** software is an enterprise-level, managed peer-to-peer file transfer solution with full audit/trace capability. It enables organizations to conduct secure exchange of file data with external partners and automate cross-departmental processes.

## BENEFITS

- Increases efficiency by enabling multiple concurrent file transfer. TIBCO Managed File Transfer software uses HTTP-based streaming technology to transfer files in "chunks," which also allows for rapid recovery in the event of failure.
- Improves compliance by providing full audit/trace capability, ensuring that all movement of data is tracked and recorded. Log files are kept with the Managed File Transfer Server, which can only be accessed by authorized users.
- Increases control by enabling organizations to create a network of authorized endpoints, ensuring that sensitive information cannot be sent to unknown locations.

The screenshot shows the TIBCO Managed File Transfer Agent Console interface. At the top, it says "TIBCO Managed File Transfer" and "Logged in as User: jandrews | Logout". Below that is a navigation bar with "Agent Console", "Home", "Request", and "Activity". The main content area is divided into three sections: "General", "Inbound Statistics", and "Outbound Statistics".

General		Inbound Statistics		Outbound Statistics	
Agent	jshasAgent	Requests Received	0	Requests Sent	3
Server	MFT Server	Data Received	0 bytes	Data Sent	6.20 MB
Started	Wed Sep 02 10:21:21	Requests Completed	0	Requests Completed	2
OS	Windows XP 6.1	Requests Processing	0	Requests Processing	1
Agent-HTTPS	jandrews1616709	Errors in Requests	0	Errors in Requests	0
Server-HTTPS	jandrews1616711	Requests Queued	0	Requests Queued	0
Version	1.0.0 V25	Max Data Received/min	0 bytes	Max Data Sent/min	30.70 MB
JRE	1.6.0 14-808	Avg Data Received/min	0 bytes	Avg Data Sent/min	23.0 MB

Below the statistics is a section titled "Transactions in Progress". It shows a table with one transaction:

Start Time	Direction	File Name	Transferred Size	Progress	Status	Transaction ID
2009-09-02 07:25:11	Outbound	ReallyBig.avi	70 MB	11%	RUNNING	5F467H-JQUCLM-142-YUHKC-063

TIBCO Managed File Transfer software makes it easy to manage agent connections.





## ATTRIBUTES & CAPABILITIES

### Central Management

The Managed File Transfer Server provides the central point for defining authorized transfer agents. This minimizes the configuration that needs to be done at the Managed File Transfer-Agent level making Agent deployment simple and quick.

### Partner File Management

Extend file transfers to external partners with use of a robust and secure platform. External partners can use a lightweight browser-based client or a feature rich thick client, depending on the demands of the transfers.

### Immediate or Delayed Delivery

File transfers to external partners can be pushed directly to the partner or held in a secure storage area until the partner is ready. This delayed delivery allows partners to retrieve the file when it is most convenient.

### Multiple Concurrent File Transfer

Managed File Transfer software enables multiple, concurrent file transfers, making better use of available resources and streamlining file transfer tasks.

### Full Audit

TIBCO Managed File Transfer provides the ability to do full audits of file transfers. A log file contains information that describes when each file was sent, where it was sent, to whom it was sent, and who initiated the transfer. The information is visible locally but managed centrally. The central log provides a complete picture of file movement.

### Point of Failure Recovery

Check point/recovery functionality enables transfer agents to start from a point of failure. This reduces bandwidth consumption and improves the efficiency of file transfers.

### Simple Installation and Deployment

TIBCO Managed File Transfer is based on peer-to-peer communications. As such, the required software is minimal. A central server manages authentication and authorization. Agents perform the transfers. Agents have no prerequisites and can be deployed on a large number of platforms.

### Easy Configuration

The Managed File Transfer Server defines all the valid agents in the system and authorizes which agents can communicate. This configuration is performed once and is made available to all Managed File Transfer Agents. A Managed File Transfer Agent can only participate in file transfers if the Managed File Transfer Server has it defined.

### Enterprise Integration

TIBCO Managed File Transfer can be combined with other TIBCO products such as TIBCO ActiveMatrix BusinessWorks™ and TIBCO Adapter™ for Files to address unique requirements.

### Standards-Based Communication

TIBCO Managed File Transfer software is built on AS2 on HTTPS, an external communication standard leveraged for internal communications. This eliminates the need to create a custom communication protocol.

### Out-of-the-Box Security

By using AS2 as the communication standard, there is no add-on needed for enhanced security and encryption.

### Local Access to Transfer Information

Local transfer information is available at the local level for detailed inspection and communicated to the Managed File Transfer Server for a complete picture of the organization's file transfers.

## PLATFORM, STANDARDS AND SECURITY

### Managed File Transfer Server

- Windows 2000, XP, 2003
- Solaris (SPARC) 8, 9, 10
- Linux – requires kernel 2.4.6 or later and glibc 2.2.3 or later

### Managed File Transfer Agent

- Windows 2000, XP, 2003
- Solaris (SPARC) 8, 9, 10
- Solaris (x86) 10
- Linux – requires kernel 2.4.6 or later and glibc 2.2.3 or later
- i5/OS – V5R3, V5R4
- z/OS – V1.6, 1.7 1.8 & 1.9

- HTTPS with SSL Certificates
- LDAP or TIBCO Domain Authentication of Agents
- LDAP Authentication of Users
- Basic identity Authentication, RACF, CA-ACF2, and CA-TSS (z/OS)



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**TIBCO Software Inc.** (NASDAQ: TIBX) technology digitized Wall Street in the '80s with its event-driven "Information Bus" software, which helped make real-time business a strategic differentiator in the '90s. Today, TIBCO's infrastructure software gives customers the ability to constantly innovate by connecting applications and data in a service-oriented architecture, streamlining activities through business process management, and giving people the information and intelligence tools they need to make faster and smarter decisions, what we call The Power of Now®. TIBCO serves more than 3,000 customers around the world with offices in more than 20 countries and an ecosystem of over 200 partners. Learn more at [www.tibco.com](http://www.tibco.com).