



## MassTransit vs. FTP Comparison

If you think FTP is an optimal solution for delivering digital files and assets important to the strategic business process, think again. FTP is designed to be a simple utility for remote access to files and folders. It is not a solution designed to address the needs of business users who require fast, easy, reliable and secure exchange of files of any size and folders within the enterprise and tools to manage the business and workflow aspects of their file transfer relationships.

As the industry's leading file transfer solution, MassTransit provides customers with a solution proven to make digital file transfers part of their business processes. MassTransit increases productivity and empowers users to manage all aspects of the file transfer process by simplifying the exchange of digital files, ensuring accountability and providing visibility into the entire process.

With MassTransit, companies establish a robust, reliable file transfer solution that provides ease-of-use, proven performance (20X times faster than FTP), optimal reliability, complete visibility, elimination of potential risks associated with FTP and reduced IT burden and improved overall user experience.

### Feature and Function Comparison Chart

	MassTransit HP	FTP
<b>File Transfer Scenarios</b>		
Multiple transfer options: One to One, One-to-many, Many-to-many	✓	✗
Files automatically routed based on policy, content or workflow rules	✓	✗
Integration with applications, middleware, email and cloud	✓	✗
Support for multiple operating systems and multiple browsers	✓	✗
Support for multiple file delivery protocols	✓	✗
<b>Performance and Ease of Use</b>		
Proven benchmark results	✓	✗
Intuitive, simple user interface	✓	✗

Security and Data Integrity		
Automatic Checkpoint and restart	✓	✗
Content Validation	✓	✗
Data Encryption and Certification	✓	✗
Secure FTP (S/FTP) Support	✓	✗
Automatic Notification and Confirmation of file delivery	✓	✗
Administration		
Rapid Deployment and Provisioning	✓	✗
Reporting	✓	✗
Analytics	✓	✗
Automated System Cleanup and Optimization	✓	✗

## Feature Comparison Detail: File Transfer Scenarios

MassTransit HP	FTP
Multiple transfer options: One to One, One-to-many, Many-to-many	
Designed to handle everything from one small file client-to-client transfers to huge complex transfers of over 150GB made up of thousands of files that span many users, companies and systems. MassTransit handles complex folder structures with hundreds of sub-folders and thousands of files effortlessly. MassTransit also automatically handles Macintosh file properties. This means that users don't have to worry about zipping and unzipping files to preserve Mac file properties.	FTP is primarily designed for one-to-many scenarios; IT must write and maintain cumbersome scripts to handle complex transfers; Reliability problems with file sizes larger than a few hundreds of GB. To preserve Macintosh files and folder structures it is often necessary to zip them.

MassTransit HP	FTP
<b>Files automatically routed based on policy, content or workflow rules</b>	
MassTransit can automate even the most complex processes that connect multiple users and systems. Powerful workflow tools allow administrators to set up advanced rules for handling files based on events.	Not supported.
<b>Integration with applications, middleware, email and cloud</b>	
An extensive set of SOAP and COM based APIs allow customers to tightly integrate MassTransit with 3rd party business applications, content or workflow management software via web portals, databases and production systems.	This is only possible through resource-intensive custom scripting.
<b>Support for multiple operating systems and multiple browsers</b>	
Provides full-featured support across all operating platforms including Windows, Macintosh and Linux. For transfers of very small to very large (100GB) files or hundreds of files at once, MassTransit supports Internet Explorer, Safari, Google Chrome and Firefox. It also enables advanced features and protocols with transparent encryption, compression, including UDP acceleration.	Supports most operating systems, however, the client typically runs locally on the desktop initiating the file transfer. Given the number of FTP clients available, it is very difficult to set a standard and each client offers different functionality and capabilities. FTP also has limited support for Mac files.
<b>Support for multiple file delivery protocols</b>	
MassTransit Includes HTTP, HTTPS, MTAP, MTAPS, FTP, SFTP and UDP. The secure HTTPS protocol is ideal for most business purposes that require the transfer of small and medium size files (up to 2 GB). Both HTTP and HTTPS protocols support nearly any Internet connection and connect through firewalls and proxy servers. MTAP and MTAPS, the MassTransit Advanced Protocols, provide a number of important enhancements over HTTPS and FTP. MTAP can handle file sizes larger than 100 GB, offers additional encryption options, and handles and preserves folders/directories, compression and cross platform compatibility without the extra step of zipping and unzipping. To support transfers to and from partners who don't have MassTransit, the product includes the FTP and SFTP protocols to allow connections with standard FTP clients and legacy FTP servers. FTP supports FTP and S/FTP only.	Normally supports FTP and S/FTP only.

## Feature Comparison Detail: Performance and Ease of Use

MassTransit HP	FTP
<b>Proven benchmark results</b>	
With MassTransit's UDP performance option, you can send files up to 20X faster than traditional FTP protocols. On top of that, end-to-end performance is superior because we eliminate the need to ZIP or UNZIP files before and after they are sent.	Designed to transfer low volumes of small files. File transfer speeds are typically slow, especially over long distances. For example, a 100MB file may take several hours to complete, assuming no restarts are required due to a dropped network connection while the file transfer is in progress.
<b>Intuitive, simple user interface</b>	
An extremely intuitive web portal enables users to select the files they want to send, choose the recipient and click "send". Ad hoc files transfers to any known email address make file transfers as easy as sending an email. If a user can send an email, can send files with MassTransit. You can also brand your file transfer web portal with your organization's logos and colors to increase customer awareness and satisfaction. Additionally, MassTransit can monitor "Hot folders" on a file server for automated transfers.	Desktop-based client provides a point-and-click interface by which users can browse and select files to transfer. A largely manual, tedious process. There are hundreds of different clients, so it's impossible to standardize.

## Feature Comparison Detail: Security and Data Integrity

MassTransit HP	FTP
<b>Automatic Checkpoint and Restart</b>	
Site to site transfers enable automated restart and retransmission. In the unlikely event the file transfer fails before it completes, MassTransit can automatically restart the transfer with no user intervention. For those environments where uptime is critical, MassTransit also supports an active/passive clustered environment where a failover server can immediately step in to manage file transfers if a failure occurs with the primary server.	No standard behavior. Some FTP servers and clients support it, some don't. If a file transfer aborts before completion, it must be manually restarted from the beginning.
<b>Content Validation</b>	
MassTransit ensures bit by bit file integrity. Each file is CRC validated. MTAP's inline compression technology is robust, ensuring that no degradation in data quality occurs during transfer.	Depends on the server and the client.

MassTransit HP	FTP
<b>Data Encryption and Certification</b>	
All MassTransit protocols support industry standard encryption. HTTPS provides encryption via SSL and uses SSL certificates to ensure file transfers are as secure as online banking. MTAP incorporates on-the-fly encryption of files being transferred using AES-128, AES-256 and TripleDES ciphers. This ensures that all files exchanges are made only with intended sites and users.	Provided only by FTP solutions supporting SFTP or FTPS.
<b>Secure FTP (S/FTP) Support</b>	
Supports your company's existing FTP clients and FTP servers ensuring compatibility with vendor and customer systems.	Not all FTP solutions offer S/FTP support.
<b>Automatic Notification and Confirmation of file delivery</b>	
MassTransit sends email notifications and text messages with every file transfer alerting the recipient that the file is available for download and confirming transfer success for the sender. If a transfer or other error occurs, the sender, recipient and system administrator are automatically alerted. Email notifications can also include automatically created hot links for instant file access. When a file is ready for download, MassTransit will send an email which includes a clickable, secure link. The user just clicks the link to begin downloading the file as no login is required with that secure link.	Not normally supported.

## Feature Comparison: Administration

MassTransit HP	FTP
<b>Rapid Deployment and Provisioning</b>	
Can be tightly integrated with Microsoft's Active Directory to automate user provisioning and delivery permissions. Simply assigning a user to a group within Active Directory triggers a user to be provisioned within MassTransit with role-based access rights. No need to use IT resources to create and maintain user accounts.	Downloading and installing an FTP client is relatively easy but it is different across each solution. Connections must be configured by the users. However, IT administration is typically hard pressed to keep track of the myriad of different FTP clients installed by their users and to create and maintain user accounts and permissions.



MassTransit HP	FTP
<b>Reporting</b>	
Provides rich, web-based reporting that significantly increases visibility and control into who is using the system and what information is being sent. This information is very important for driving adoption of the software, capacity planning and enforcing IT governance policies, as well as Federal mandates such as the Sarbanes-Oxley Act.	Not supported or provided as expensive add-ons.
<b>Analytics</b>	
MassTransit audits all aspects of the file transfer process. It's an easy-to-use, web based view where all log data can be accessed, searched for any file or message or filtered by user, type of file or key events. This includes when files were sent, who sent them, when they were received and if any failures occurred. For files in process, MassTransit tracks "send" progress and updates the log as to where files sit in the queue. Finally, MassTransit tracks extensive system performance data including usage and system uptime metrics.	Not supported or provided as expensive add-ons.
<b>Automated System Cleanup and Optimization</b>	
Automatically deletes older files and unused accounts according to rules set by the administrator.	Not supported or custom scripting required.

## Price/Cost of Ownership

MassTransit HP	FTP
MassTransit HP provides an ultra-high performance, enterprise-level MFT solution with industry leading security, reliability, ease of use and performance. It's offered at a fraction of the cost of other MFT solutions, yet saves countless hours and thousands of dollars in greater productivity, shortened business cycles and accelerated time-to-market. Automated user provisioning via Active Directory and email based ad-hoc virtually eliminates the cost associated with management and administration.	Some FTP solutions are "free" in that they do not require a license fee. Other FTP solutions require a license fee per client. When more than a few users are involved, the cost of management, administration and babysitting file transfers tend to be significantly high—ultimately revealing "hidden costs" which increase the total cost of ownership.