

TIBCO MFT Internet Server

MFT Transfer Clients User Guide

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Preface

This User Guide explains how to use the various end user MFT Internet Server Browser clients available for use to conduct file transfer requests.

Topics

- [*MFT Internet Transfer Thin Client*](#)
- [*MFT Internet Transfer Browser Client*](#)
- [*MFT Internet Transfer Java Client*](#)

1 MFT Thin Client

This section explains how to use the Internet Transfer Thin Client.

If this is the first time you have used the product you must Disable Caching through your browser:

1. Disable Caching
2. Transfers
 - a. Sending/Receiving Single Files
 - b. Sending/Receiving whole directories
3. History
4. Change Password
5. Keys
 - a. PGP Keys
 - b. SSH Keys
 - c. FTP Keys
6. Help
7. Refresh
8. Logout

1.1 Before you Begin

1.1.1 Disable Caching

It is suggested that you disable caching on your computer. In IE 9, 10, and 11:

1. Open your browser
2. Click on menu item **Tools**, then **Internet Options**
3. On the General tab under the section named, Browsing History, click on the **Settings** button.
4. The window named, Temporary Internet Files and History Settings, will open.
5. Under the Temporary Internet Files look for **Check for newer versions of stored pages** and set the option **Every time I visit the webpage**.
6. Click the **OK** button.
7. Click the **OK** button on the last window.

Warning: If you receive a message that a signed Applet is requesting additional privileges. Click Accept.






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1.2 Transfers

Transfer requests are setup by an Administrator for end users. Below is a screen shot of the various types of transfer requests you may see after logging in:



The screenshot shows the 'Transfers' section of the MFT Thin Client interface. At the top right is a 'Refresh' button. Below the title are two informational messages: a red folder icon indicating that directories/files need to be selected before completion, and a green folder icon indicating that all files will be downloaded by default. The main area contains a table with four rows of transfer requests. Each row has a 'Description' column, a 'Local File Name' column with a text input field, a 'Browse' button (with a folder icon for directories and a file icon for files), and a 'Download' or 'Upload' button (green for download, orange for upload). At the bottom right of the table is an 'Execute All Transfers' button.

Description	Local File Name		
Directory download	Set the directory you want to put the files	 Browse	 Download
Directory Upload	Browse	 Browse	 Upload
Single File download	c:\cfincoming\SmallFile.txt	 Browse	 Download
Single File Upload	c:\cfoutgoing\tips.txt	 Browse	 Upload

Execute All Transfers

Figure 1

We will be using the various transfer requests in Figure 1 to explain the Thin Client's transfer features below:

I first want to draw your attention to the **Browse** buttons. Notice they look different based on the type of transfer request that has been set up for you.

[!\[\]\(e1d6102fe77919492c04879c8450f1f5_img.jpg\) Back to Top](#)

1.3 Single File Downloads/Uploads

Let's first look at the single file transfer requests:

Figure 2

In the **Single File download** the Administrator has pre-configured under the *Local File Name* column a location to place the file named SmallFile.txt when you click on the button. If you want to change that file's destination directory click on the button and a window will open for you to change the location for that file to be placed when you click the button. A File Transfer Progress window, similar to the one below, will open and notify you once the transfer is complete:

	Direction	Bytes Transferred	Status	Local File Name
Done		118 of 118	Transfer Complete! AuditID=AC0580000004	c:\cfincoming\SmallFile.txt

Figure 3

For the **Single File Upload** transfer request the Administrator has pre-configured under the *Local File Name* column the path to a file for you to upload. When you click the button your file will be sent to the destination pre-configured by the Administrator.

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1.4 Directory Downloads/Uploads

Now we will look at directory transfer requests:

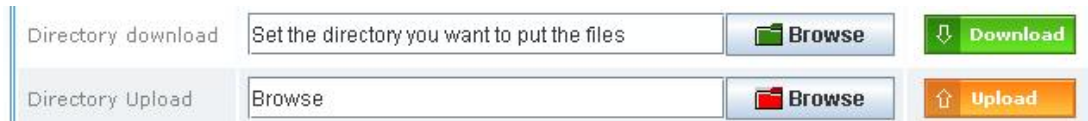


Figure 4

The directory downloads work similar to the single file transfer requests but you must always set the directories you want to use.

For the **Directory download** example our Administrator has pre-configured under the *Local File Name* column a message for you to set the directory you want multiple files to be placed in. You must click on the **Browse** button to set this directory. When you click on the button a window similar to the one below will open:

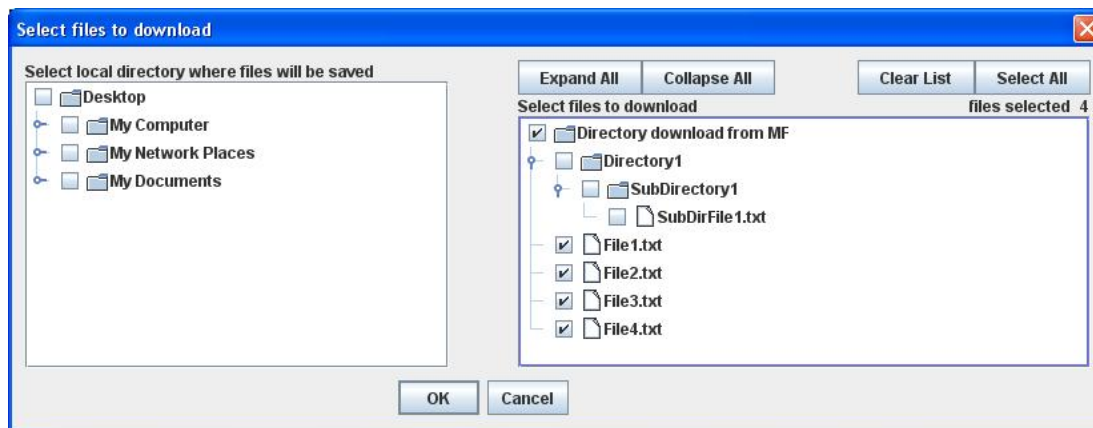


Figure 5

Note: The Thin Client will limit the display to the first 5000 files contained in a directory.

On the right side of the panel are files available for you to receive. They are all selected by default with a check mark. The left side of the panel is your directory structure for you to navigate through to set the location you want the files on the right to be placed in. Once you have chosen a location for the files click on the **OK** button. Now click on the **Download** button for all the files to transfer over to your machine.

For the **Directory Upload** example our Administrator has pre-configured a message under the *Local File Name* column for you to browse your machine for the directory where you have files you need to upload. Click on the **Browse** button to open a window similar to the one in Figure 3 however you will not see any file in the right side panel since this is an upload and not a download. Navigate through the directories from the left hand panel to the one that contains the files you want to send, put a check mark next to any file you want to transfer. When you are done click the **OK** button. Now click on the **Upload** button for all the files you selected to be uploaded to their final destination that the Administrator has pre-configured.

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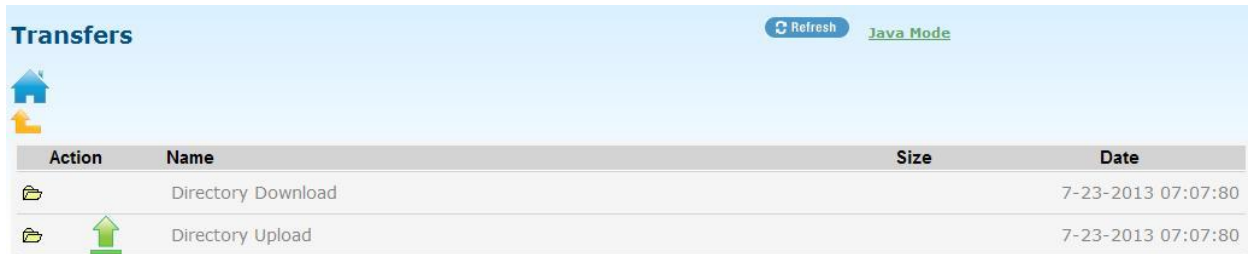
2 MFT Browser Client

This section explains how to use the Internet Transfer Browser Client.

1. Transfers
 - a. Sending/Receiving Directories
2. History
3. Change Password
4. Keys
 - a. PGP Keys
 - b. SSH Keys
 - c. FTP Keys
5. Help
6. Refresh
7. Logout

2.1 Transfers

Transfer requests are setup by an Administrator for end users. Below is a screen shot of the various types of transfer requests you may see after logging in:





Action	Name	Size	Date
	Directory Download		7-23-2013 07:07:80
	Directory Upload		7-23-2013 07:07:80

Figure 6

We will be using the various transfer requests in Figure 6 to explain the Browser Client's transfer features below:

For this client we will only discuss Directory downloads and Uploads as there is not any difference between directory and single file downloads and uploads as with the other clients.

[!\[\]\(3211b5d1d968fc1665909b34f9f16010_img.jpg\) Back to Top](#)

2.2 Directory Downloads/Uploads

Now we will look at directory transfer requests:




	Directory Download	7-23-2013 07:07:80
	Directory Upload	7-23-2013 07:07:80


Figure 9

A **Directory download** is represented by a single folder icon to the left as seen in Figure 9. By double clicking anywhere in the row you will be brought into the folder.

Transfers Refresh Java Mode			
 > Directory Download			
Action	Name	Size	Date
	Sub Directory 1		8-26-2013 14:27:33
	Sub Directory 2		8-26-2013 14:27:49
	1gigfile.txt	1200000000	5-3-2013 13:31:49
	SingleFile.txt	2891	5-7-2013 08:50:10
	zerobytefile.txt	0	5-6-2013 16:12:07

Figure 10

Our folder contains sub directories as well as files that can be downloaded. When you click on the download icon,  you will be prompted to either open or save the file.

A **Directory Upload** will allow one file upload at a time. When you click on the file upload icon,  you will be presented with the upload window. Browse to choose the file you would like to upload and click on the Upload button and the transfer will begin as seen in our example below:

Uploading 54426564 of 1200000193

1gigfile.txt

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3 MFT Java Client

This section explains how to use the Internet Transfer Java Client.

If this is the first time you have used the product you must Disable Caching through your browser:

1. Disable Caching
2. Transfers
 - a. Sending/Receiving Single Files
 - b. Sending/Receiving whole directories
3. History
4. Change Password
5. Keys
 - a. PGP Keys
 - b. SSH Keys
 - c. FTP Keys
6. Help
7. Refresh
8. Logout

3.1 Before you Begin

3.1.1 Disable Caching

It is suggested that you disable caching on your computer. In IE 9, 10 and 11:

8. Open your browser
9. Click on menu item **Tools**, then **Internet Options**
10. On the General tab under the section named, Browsing History, click on the **Settings** button.
11. The window named, Temporary Internet Files and History Settings, will open.
12. Under the Temporary Internet Files look for **Check for newer versions of stored pages** and set the option **Every time I visit the webpage**.
13. Click the **OK** button.
14. Click the **OK** button on the last window.

Warning: If you receive a message that a signed Applet is requesting additional privileges. Click Accept.

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3.2 Transfers

Transfer requests are setup by an Administrator for end users. Below is a screen shot of the various types of transfer requests you may see after logging in through the Java Client:

	Description	Local File Name	
	Directory Download	Set the directory that you want to put the files	Download
	Directory Upload	Browse	Upload
	Single File Download	c:\incoming\SingleFile.txt	Download
	Single File Upload	c:\outgoing\MyFile.txt	Upload

Figure 11

We will be using the various transfer requests in Figure 11 to explain the Java Client's transfer features below:

I want to draw your attention to the first column shown in Figure 11. Notice the icons displayed look different based on if the type of transfer request that has been set up. The folder icons represent directory transfers and the single page represents a single file transfer.

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3.3 Single File Downloads/Uploads

Let's first look at the single file transfer requests:

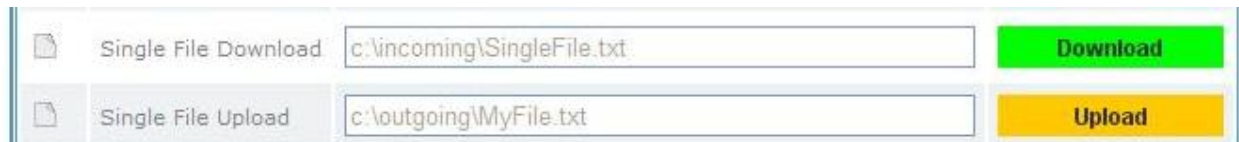


Figure 12

In the **Single File download** the Administrator has pre-configured under the *Local File Name* column a default location to place the file named SingleFile.txt. When you click on the **Download** button you can change the files destination directory in the window that opens and then click the Open button. The File Transfer List window will open, similar to the one below. Click on the Download button to run your transfer request.

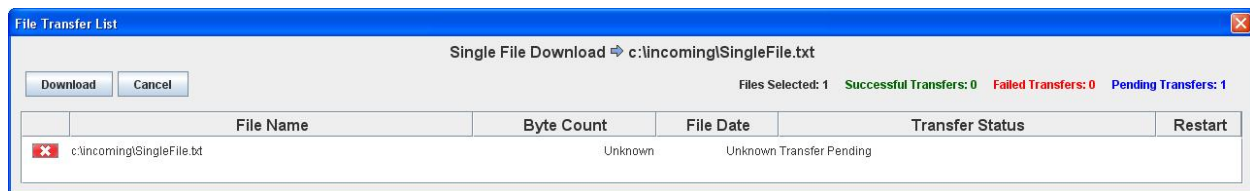
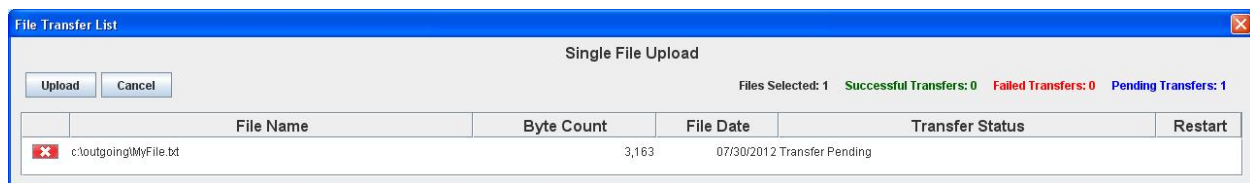


Figure 13

For the **Single File Upload** transfer request the Administrator has pre-configured under the *Local File Name* column the path to a file for you to upload. When you click the **Upload** button you can change the file to be sent from the window that opens. When you have selected the file then click the Open button. The File Transfer List window will open, similar to the one below. Click on the Download button to run your transfer request.



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3.4 Directory Downloads/Uploads

Now we will look at directory transfer requests:



Figure 14

The directory downloads work similar to the single file transfer requests but you must always set the directories you want to use.

For the **Directory download** example our Administrator has pre-configured under the *Local File Name* column a message for you to set the directory you want multiple files to be placed in. You must click on the **Download** button to set the directory you want the file(s) that will be downloaded. When you click on the button a window similar to the one below will open:

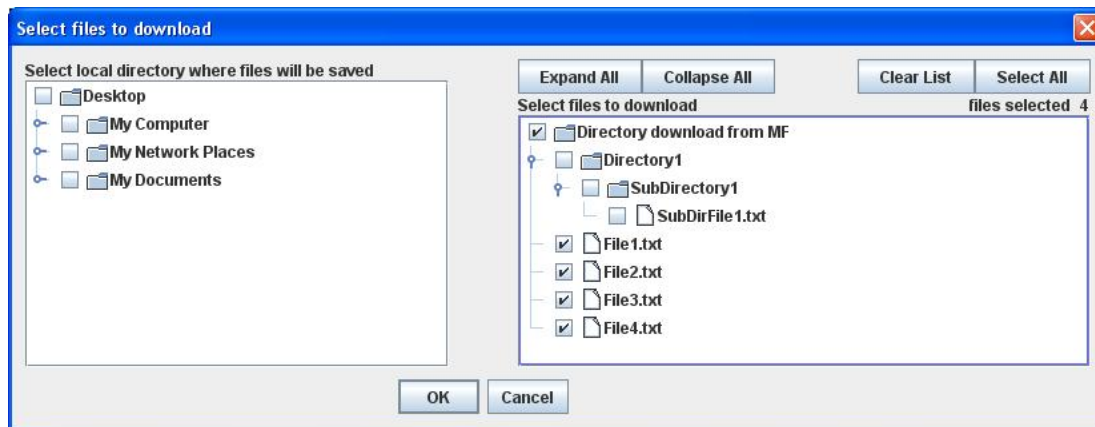


Figure 15

Note: The Java Client will limit the display to the first 5000 files contained in a directory.

On the right side of the panel are files available for you to receive. They are all selected by default with a check mark. The left side of the panel is your directory structure for you to navigate through to set the location you want the files on the right to be placed in. Once you have chosen a location for the files click on the **OK** button. The File Transfer Window will open. Click on the **Download** button to run your transfer request.

For the **Directory Upload** example our Administrator has pre-configured a message under the *Local File Name* column for you to browse your machine for the directory where you have files you need to upload. Click on the **Upload** button to open a window similar to the one in Figure 15 however you will not see any file in the right side panel since this is an upload and not a download. Navigate through the directories from the left hand panel to the one that contains the file(s) you want to send, put a check mark next to any file you want to transfer. When you are done click the **OK** button. The File Transfer Window will open. Click on the **Upload** button to run your transfer request.

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4 History

By clicking on the **History** icon you will be able to view a record of all files processed under your account. Below is a simple example of what you would see after successfully downloading our Single File download in Figure 2:



The screenshot shows a web interface with a header bar containing the title "History" and a "Refresh" button. Below the header is a table with the following data:

Audit ID	Status	Local File Name	Description	Direction of Transfer	Transfer Date	Bytes Transferred
AC0580000004	Success	c:\cfincoming\SmallFile.txt	Single File download	DOWNLOAD	12/05/2008 11:07:44	118

Figure 16

5 Change Password

When it is necessary for you to change your password and you click on the **Change Password** icon you will be prompted for the following information:



The screenshot shows a web form titled "Change Password". It contains three input fields labeled "Old Password", "New Password", and "Confirm New Password". Below the input fields are three buttons: "Change Password", "Reset", and "Cancel".

Figure 17

6 Keys

In order to further secure data some businesses will use encryption keys and certificates (a form of key). If the company uses either PGP encryption to encrypt their data or requires certificates for either an FTP or SSH transfer. This is the location you will either upload your public keys or download the servers FTP, PGP or SSH public keys.

6.1 PGP Keys

Internet Server has the ability to encrypt and decrypt PGP encrypted files. In order to do this the users and the server must exchange their PGP Public keys for them to encrypt and decrypt data. If the company is using this technology you should see something similar to the following:



Figure 18

6.1.1 Uploading your PGP Public Key

If your company has given you the authority to upload your PGP Public Key to their system in order to encrypt file being sent to you. By expanding the PGP Public Key window you will be given the opportunity to copy and paste an exported base64 formatted PGP key into the box provided. (Consult your PGP software documentation on exporting public keys.) The key MUST contain the entire text entry from the BEGIN and END statements. Below is an example:

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: BCPG v1.38

mQGIBEk5VoARBAC69sz9r6gm6fG7Y1rC4xxLOBVeQfTzp/3vXQGfnVOE13+1MNye
aQ4CITZ1/955HdHZvoDcF/IXEr+vhT7gMEMyHfG0dOaSQVJ2ObzeyTOYjrkOvzP6
5zJIOceJICzTsB1FsnWj5DZpTU4ycide9cV+/1x1aiJLjXXShCqbMNq4RQCg9m
6GxGERCzxp1rT2AyQpGoUdcykwMDAgo+Q1c6XYz7jVUQJuNZCYQoDovO7SbDW8Tu
O9/ZvEiU36YxqZw953K4zyVv1Y8PB4f4Aq1bO/MRQv14LG93OrreXm0a8c3iEBLg
Y1u8JYnEL3Tmkrb6xWfseDxaWwYsbv1D5QQAjfczqjGpTxWYkaxb5WGeDu4Abzs
sDmYq1qGAAvMtAJFu5sW8F0+SahSdfAOpIyOaX6unlUXXIw6NoDI8vQLYgKjM7Om
sXwqlucYSSO/H+41PrV71LrHBWw+Xdutb+pPnFm61Q5unUxIckfYOotgadDQvNuo
mco93M2v5AOmvzMEAL187JHhnmIOOfq8jZGf11eWyeCz4SwnBgHBvC/tjWcKjpZE
fak1upvELMbJGvneQaXJtAXGnCUfD0uhZ8rB0kC9G/7EQJCMfy5iAiIse2+NsjTZ
gn8K8swVEQxTcOk4y3ARp9UozOSASgjOILPzf8FA+1ChjyztcxypJE12imvFiGEE
GBECACEFAkk5VooFCQ1opH4HCwkIBwIDBAMWAQIFFQIBAwUChAEACgkQB8NocLRJ
/JJ4WwCeJ8sgSXKNDEN4BsB4oC9jfZSAQocAn31RINEpxX1PA6MY1463j/U3oaSQ
=OTao
-----END PGP PUBLIC KEY BLOCK-----
```

Continue

Figure 19

Click the  button to have the key uploaded to the Server for future use.

6.1.2 Downloading Internet Server's PGP Public Key

In order for you to PGP encrypt files that will be sent out to the Internet Server you need to get the Internet Server's public PGP key. By clicking on the [PGP: Display Public Key](#) seen in Figure 8, the base64 formatted Internet Server PGP public key will be displayed for you to copy and paste in a text file to be imported into your PGP program of choice. Consult your PGP software documentation on importing public keys.

6.2 SSH Keys

Many times the same files that can be downloaded and uploaded through the Thin Client can also be done through SSH. An Administrator may require a certificate to be used for authentication purposes when using SSH clients to transfer files. You will see the following on the Keys web page for SSH Keys:



Figure 20

6.2.1 Uploading your SSH Public Key

By expanding the SSH Public Key box you will be given an empty text box in order to copy and paste your base64 formatted SSH public certificate someone would need to communicate with you. Paste your entire SSH public certificate (key) in the text box as you would do if this were a PGP key as displayed in Figure 9. Then click to complete the upload of your key.

6.2.2 Downloading SSH Public Key

Most SSH clients have the ability to download the SSH Public certificates on their own. If you cannot do this you can retrieve the SSH Public key (certificate) to authenticate with the Server through the thin client. By clicking on the [SSH: Display Public Key](#) seen in Figure 10, the base64 formatted SSH Public Key will be displayed for you to copy and paste in a text file to be imported into your SSH program of choice. Consult your SSH software documentation on importing SSH certificates.

6.3 FTP Keys

Many times the same files that can be downloaded and uploaded through the Thin Client can also be done through FTPS. An Administrator may require a certificate to be used for authentication purposes when using FTP clients to transfer files. You will see the following on the Keys web page for FTP keys:



Figure 21

6.3.1 Uploading your FTP Public Key

By expanding the FTP Public Key box you will be given an empty text box in order to copy and paste your base64 formatted FTP Public certificate someone would need to communicate with you. Paste your entire FTP Public certificate (key) in the text box as you would do if this were a PGP key as displayed in Figure 9. Then click to complete the upload of your key.


6.3.2 Downloading FTP Public Key

Most FTP clients that support FTP certificates have the ability to download the FTP Public certificate on their own. If you cannot do this you can retrieve the FTP Public key (certificate) to authenticate with the Server through the thin client. By clicking on the [FTP: Display System Public Key](#) seen in Figure 11, the base64 formatted FTP Public Key will be displayed for you to copy and paste in a text file to be imported into your FTP program of choice. Consult your FTP software documentation on importing FTP certificates.

7 Help

When you click on the **Help** icon you can view this help guide.

8 Refresh

When you click on the  Refresh button displayed on the Transfers web page the list of transfers will refresh.

9 Logout

To end your session click on the  Logout link and close the browser.