

TIBCO MFT Internet Server Desktop Client

*Software Release 7.2.6
September 2016*

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Internet Server Desktop Client User Guide

This Quick Start guide will first guide you through the steps necessary to Install and configure MFT Desktop Client. Then it will show you how to send and receive files with the .Net Client.

Installation and Configuration of the Desktop Client on your desktop:

1. Desktop Client Install and Upgrades
 - a. Desktop Client Install
 - b. Cached Desktop Client Install
 - c. Desktop Client Upgrade
2. Desktop Client Configuration
 - a. RocketStream Accelerator
 - i. Install Microsoft Visual C++ Runtime Libraries
3. Desktop Client Layout
4. Desktop Client Capabilities
 - a. Site Manager

Transferring with the Desktop Client:

5. Sending Files
6. Receiving Files

1. Desktop Client Install and Upgrades

This section will step you through the MFT Desktop Client ClickOnce Installation. There are two types of installations offered. The first is a full install offered where you would install the Desktop Client program on to your desktop. The other is a cached install where the Desktop Client would be initiated each time from the browser. Only one can be used so choose the one that will work best for their environment.

1.1 Installs

Desktop Install

To connect and have the MFT Desktop Client program installed on your desktop use one of the following URL's:

`https://[DNS_HostName]:[Port]/[context]/client/install.html`

`https://[DNS_HostName]:[Port]/desktop-install`

Simply click on the Link that reads **Install** and the download will start. Please see your administrator if the download fails to start.

During the install you will be presented with an End Users License Agreement (EULA). You must accept this license agreement in order to complete the installation.

When the install is done you will be asked to login in and the MFT Desktop Client will open.

Once the installation process above is complete you should now see in your list of programs, **TIBCO Software Inc.** containing the menu item **MFT Desktop Client**.

Cached Desktop Client Install

To connect and have the MFT Desktop Client run from your browser use one of the following URL's:

`https://[DNS_HostName]:[Port]/[context]/client/cache.html`

`https://[DNS_HostName]:[Port]/desktop`

Simply click on the **Start** button and the install to the browser will start. Please see your administrator if the install fails to start.

During the install you will be presented with an End Users License Agreement (EULA). You must accept this license agreement in order to complete the installation.

When the install is done you will be asked to login in and the MFT Desktop Client will open.

When you finish using the program you simply close the Desktop Client window. When you want to use it again you need to open your browser and use one of the cache URL's shown earlier and login again.

Note: To install the MFT Desktop Client ClickOnce application when using a FireFox browser you will need to install the ClickOnce Add-on. Go to <https://addons.mozilla.org/en-US/firefox/tag/ClickOnce> and download and install the Add-on.

1.2 Upgrades

Desktop Upgrade

To upgrade to MFT Desktop Client v7.2.5 from Desktop Client v7.0 or below, you must uninstall the previous version. By design your connection configurations will be saved on your computer.

Once you have uninstalled the old program you can now choose from the two types of installations offered. Please read Section 1.1 for your install options.

Note: If a different connection URL is being used to connect to MFTIS you will need to open the newly installed MFT Desktop Client v7.2.5 and click on menu item **Configuration** and then click the *Transfer Settings* tab to edit the Transfer Service URL. Please contact your MFTIS Administrator for more information.

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2. Client Configuration

This section will go through the Configuration settings for the Desktop Client.

2.1 Desktop Client Configuration

If you need to edit the Desktop's default configurations click on the **Configuration** menu and the Configuration panel will open allowing you to edit your MFT Desktop Client's configurations.

Authentication

Figure 3 shows the *Authentication* panel. When a user wants to conduct file transfers between the MFT Server and the Desktop Client they must log in. You must type in a MFT user name and password to be used when the Desktop Client authenticates with the MFT Server.

If SSL is being used configure the Encryption key file location in the Encryption Key field and enable the Use SSL certificate for authentication by placing a check mark in the box. SSL will only be used when this box is enabled.

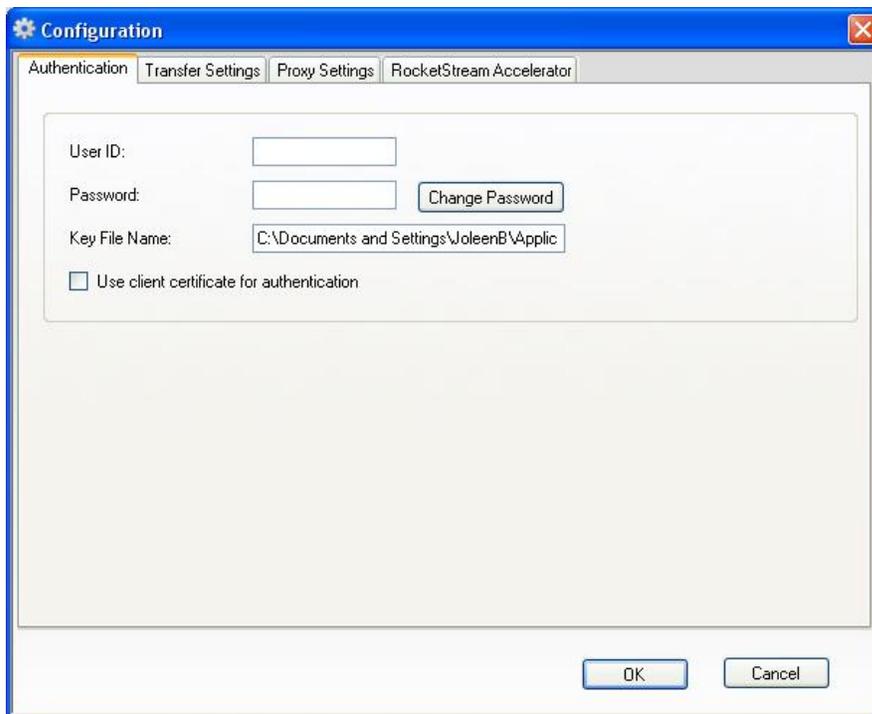


Figure 3

If users are permitted to change their own passwords they may do so from this panel by clicking the button. They will be prompted for the following information:



Figure 4

This user types in the information requested and then clicks the button.

Note: Please see your Web Server Administrator to obtain the connection and userid information.

Transfer Settings

To edit the MFT Desktop Client connection information click on the *Transfer Settings* tab and set the Transfer Service URL as seen in Figure 5. The **Transfer Service URL** in the *Transfer Settings* panel is configured with your company's web server IP or host name in place of *webserver*, the port number in place of *port*, and the context name being used for the application (generally cfcc) in place of *context*. *Note: Please see your Web Server Administrator if you have questions regarding the connection and userid information.*

From here you can also configure the location your **Trace File** will be contained should you encounter any complications with your Desktop Client.

Note: It is not recommended you edit the Level unless told to do so by TIBCO's Technical Support team. Contact your local administrator if you are experiencing complications.

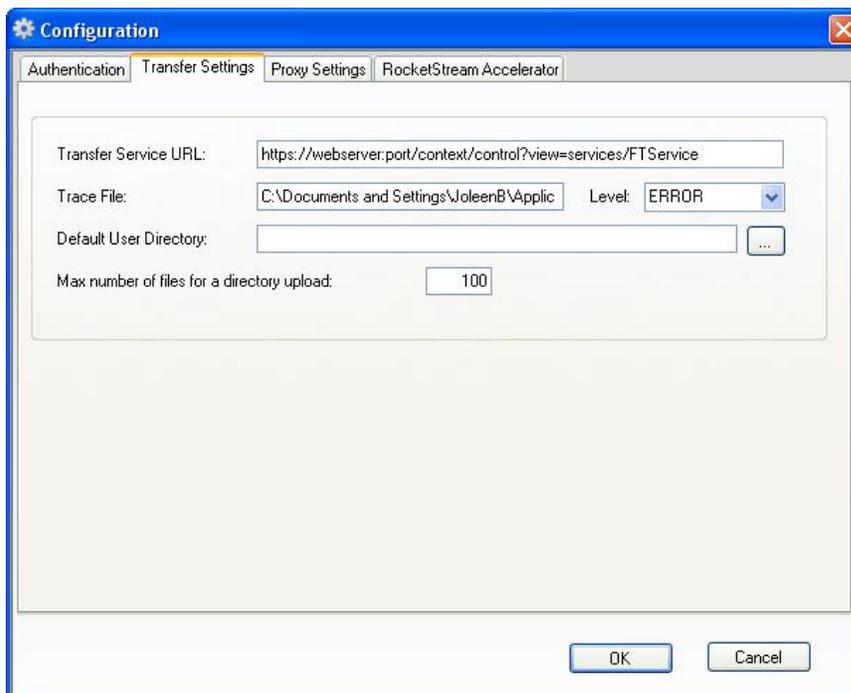


Figure 5

Transfer Settings

The **Default User Directory** field controls what directory is displayed in the left hand panel of the MFT Desktop Client transfer window when it is opened. By configuring the **Max number of files for a directory upload** you will limit the amount of files transferred at one time during a directory upload. If there was a problem during a transfer that was using checkpoint/restart, (Set by the MFT Administrator), the user must confirm if he/she would like the transfer to be restarted. If the **Prompt user to continue transferring existing files** box is enabled, you will receive a pop-up asking if you would like to restart the transfer.

Proxy Settings

In Figure 6 is a screenshot of the *Proxy Settings* panel. Please see your local administrator to configure the proxy settings if needed.

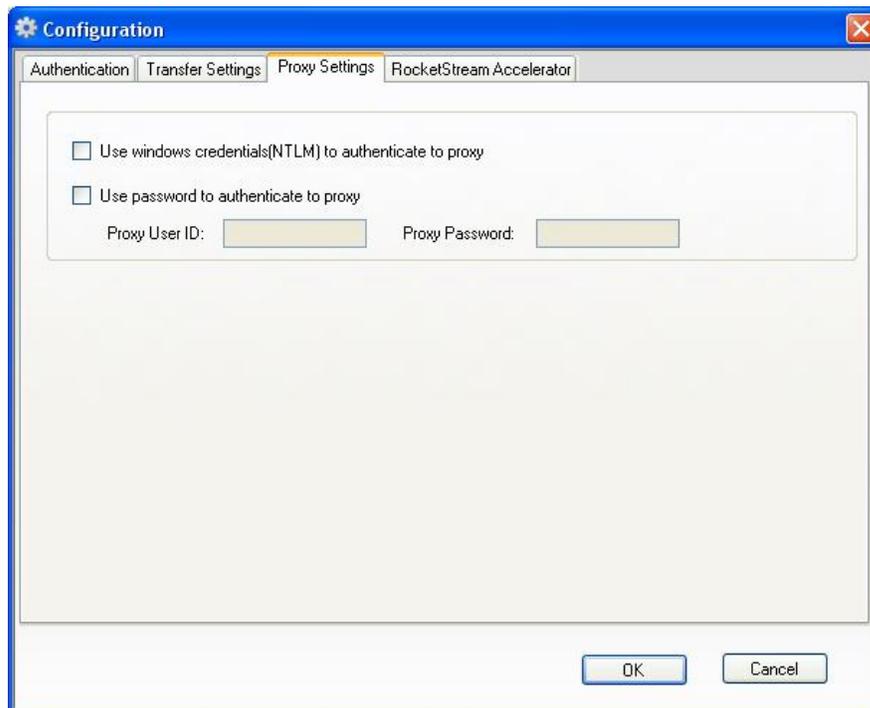


Figure 6

RocketStream Accelerator

Figure 7 shows the new *RocketStream Accelerator* configuration panel. If you are licensed to use the RocketStream Accelerator technology and you want to set transfer requests to be sent using the RocketStream protocols of UDP (User Datagram Protocol), PDP (Parallel Delivery Protocol) or TCP you would enable it by clicking on the Use RocketStream Accelerator box. You will see a command prompt window open showing you the RocketStream service is running. (This window must stay to use the RSA support.) Once enabled all transfer requests will be sent on the ports configured on this panel.

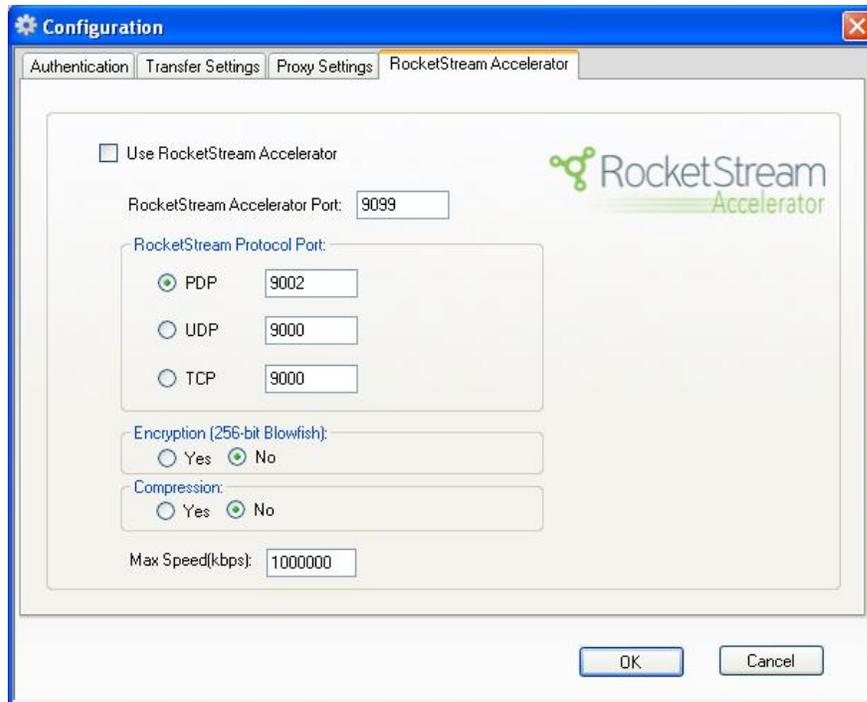


Figure 7

Note: To use RocketStream Accelerator you will need the Visual C++ Runtime libraries. If your system does not have these installed already the Desktop Client will install them upon enabling RocketStream from the Configuration window. You will see the following window open to install them:



Figure 8

See Section 2.2 for further installation details on the Microsoft Visual C++ 2008 Redistributable Package install.

Note: It is not recommended to change the default ports unless you are told so by your local administrator.

You can also configure to use, Blowfish encryption, Compression (a proprietary compression compatible with zlib), and the Max Speed in Kilobytes per second per transfer from this location.

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2.2 Installing Visual C++ Runtime Libraries

Microsoft Visual C++ 2008 Redistributable

As mentioned above MFT Command Center contains RocketStream technology in the Desktop Client. This feature requires the Visual C++ runtime libraries to be installed on the user's desktop. By double clicking on file vcredist_x86.exe you will start the installation process. Figures 9 -11 below show a sample installation of the libraries:

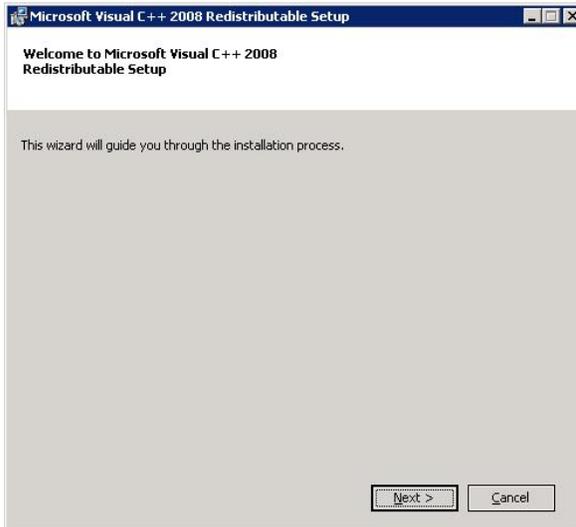


Figure 9



Figure 11

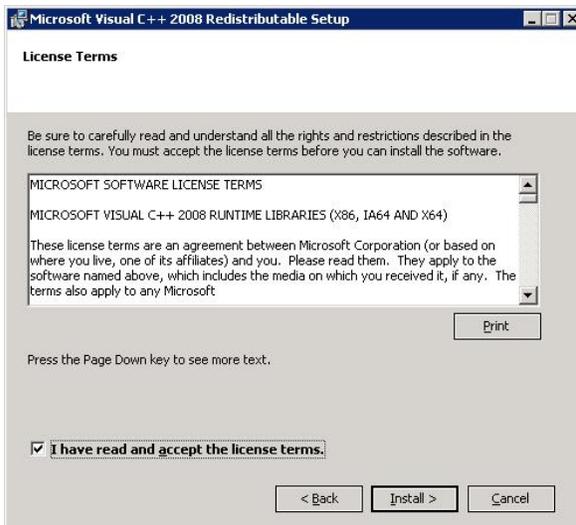


Figure 10

The installation of the runtime libraries is complete once you click the Finish button in Figure 4. You can now install the Internet Server Desktop Client.

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3. Desktop Client Layout

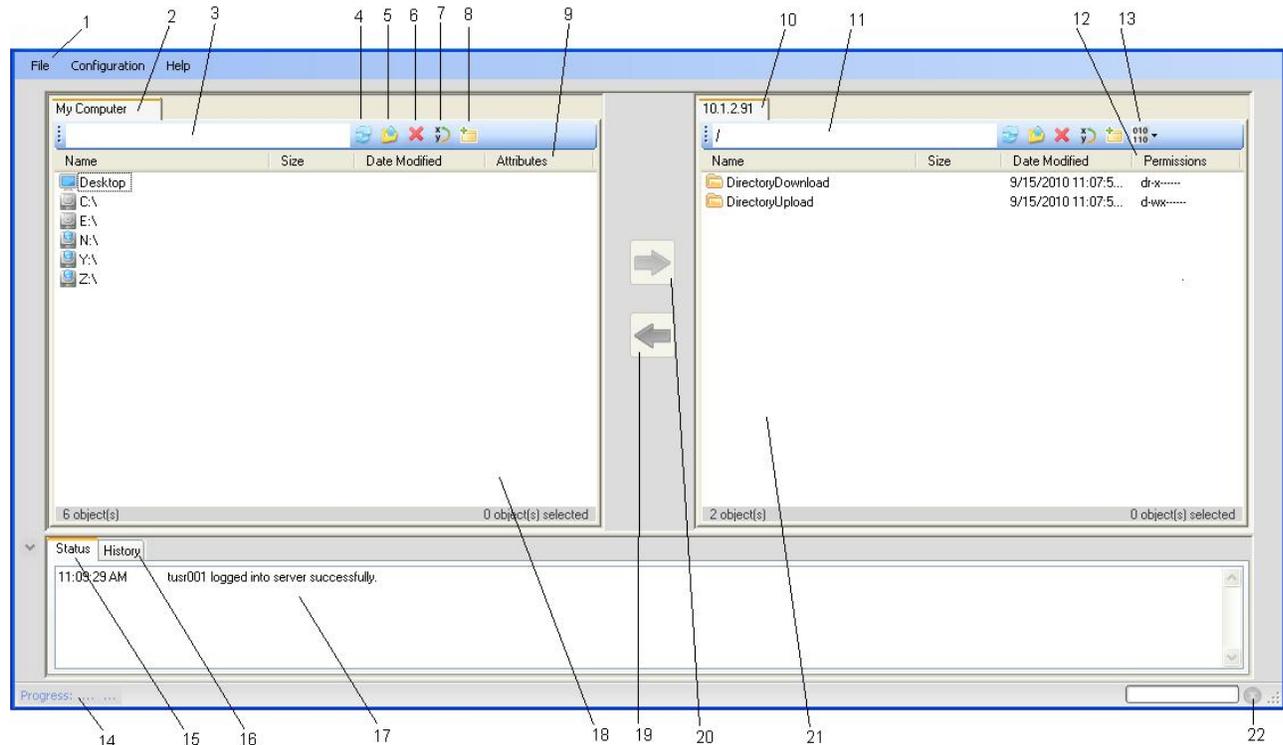


Figure 12

- 1 – Desktop Client Menu
- 2 – Local View tab
- 3 – Local View path display
- 4 – Refresh button (Available in both the Local View tab and MFT Server tab)
- 5 – Up navigation button (Available in both the Local View tab and MFT Server tab)
- 6 – Delete button for Local View (Enabled when available in both the Local View tab and MFT Server tab)
- 7 – Rename button (Enabled when available in both the Local View tab and MFT Server tab)
- 8 – Create Folder button (Enabled when available in both the Local and MFT Server view panels)
- 9 – When Windows file Attributes are defined on a file you will see them displayed here
- 10 – MFT Server View tab
- 11 – MFT Server path display
- 12 – Permissions set for a folder or file (shown in UNIX format)
- 13 – Transfer Mode button. When enabled you can set transfers to be sent in Text/Binary mode and/or set carriage return/line feed options.
- 14 – Progress bar (Displays a transferring file(s) progress.)
- 15 – Status tab
- 16 – History tab
- 17 – Logging window. When the Status tab is active you will see connection and transfer messages. When the History tab is active you will see transfer history records.
- 18 – Local View Directory
- 19 – Download Arrow (Will be green when enabled)
- 20 – Upload Arrow (Will be orange when enabled)
- 21 – MFT Server directory
- 22 – Cancel button (Cancels a transfer that is running.)

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4. Desktop Client Capabilities

If you have used our prior versions of the Desktop Client you will notice there are some very nice new capabilities that have not been available before. Simple things like renaming a file or creating a new folder can all be accomplished from the Desktop Client GUI and more. Figure 13 below shows the new window that is displayed when you right click on a file from your Local View Directory:

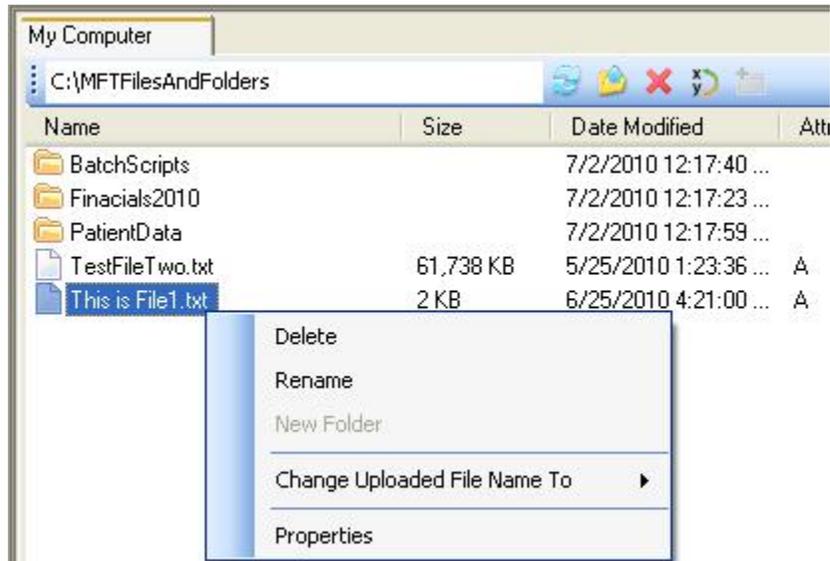


Figure 13

By clicking on one of the items in the new window you can **Delete** the present file that is highlighted, **Rename** the file, view the files **Properties**, or control the name of a file that will be uploaded to MFT with the **Change Uploaded File Name To** feature. This can be very useful for example, when uploading files to a z/OS system that's file naming conventions does not follow the same format of a Windows system. To use this click on the **Change Uploaded File Name To** and you will be presented with a text box that you can type a new file in as seen in our example below:



Figure 14

4.1 Site Manager

If you see the menu item **Site Manager** from your File menu it means you have been given the authority to set up direct connections to an FTP(s), SSH(s) or Platform Server(s). *Note: This is a licensed feature and is not seen in the menu if you have not been authorized to use it.*

If you do not know the systems you have been authorized to directly connect to please contact your Web Administrator.

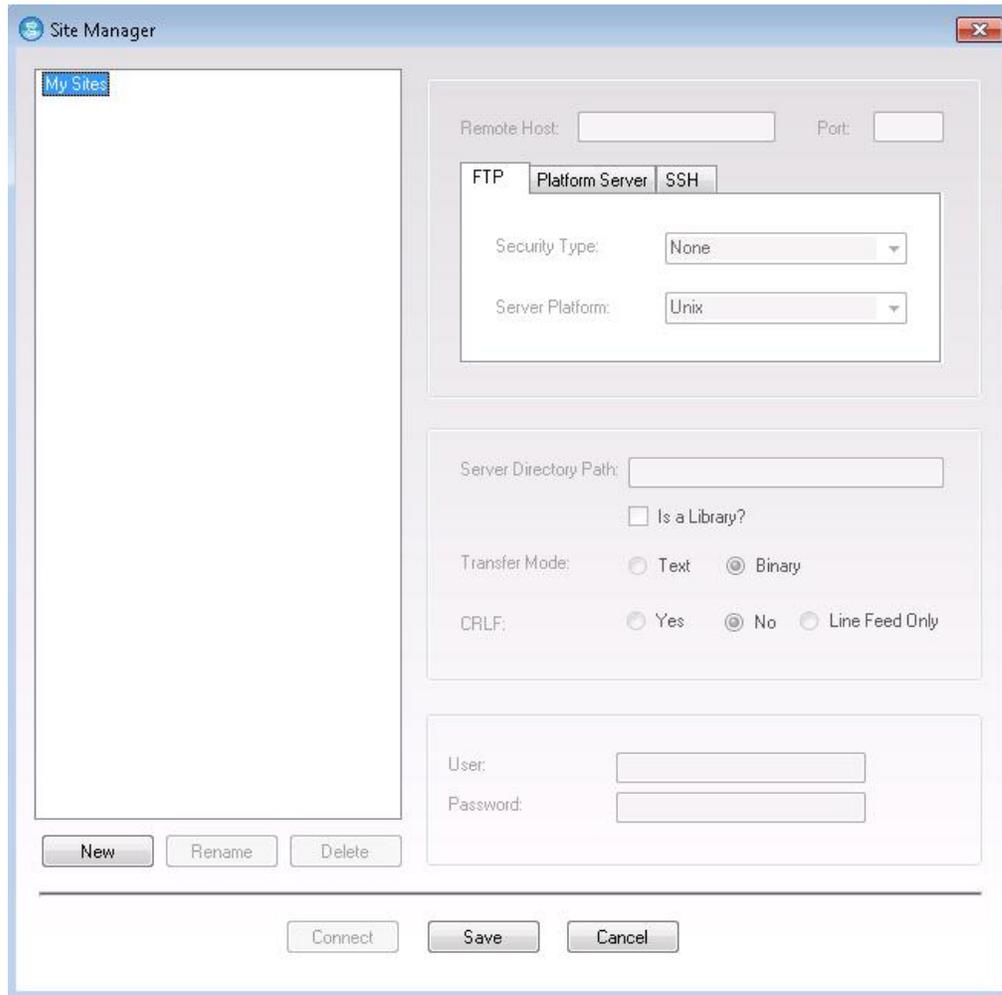


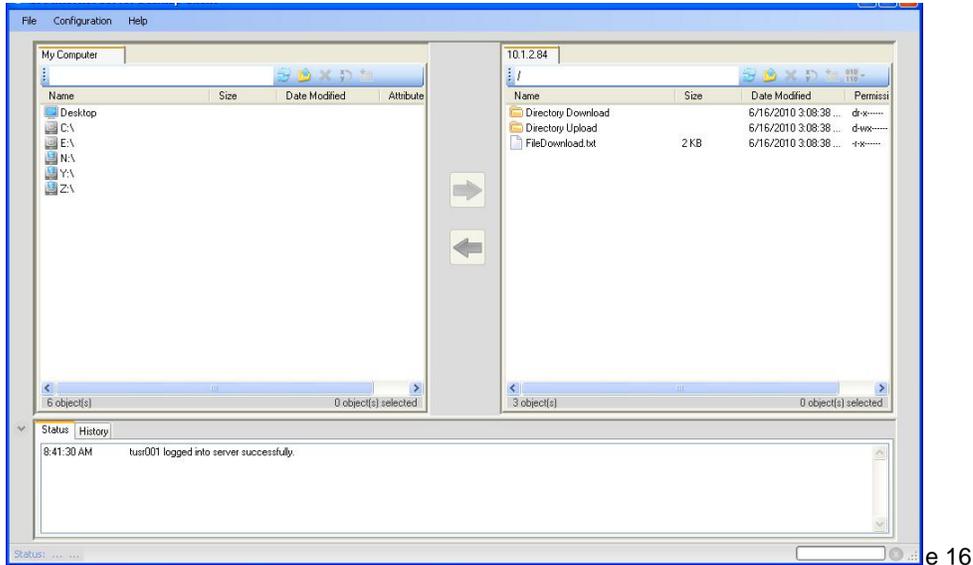
Figure 15

To setup a connection to a remote server click the **New** button and give it a name. Then click on either the **FTP**, **Platform Server**, or **SSH** tab. Fill in the **Remote Host**, **Port**, and any connection information required to make a successful connection and click on either the **Save** or **Connect**. *Note: By clicking the Connect button you will automatically save the configuration.*

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5. Transferring Files with Desktop Client

By default, when you log in through the Internet Server Desktop Client, you will see a panel similar to the one below, this panel shows a list of folder/files and their descriptions that you may conduct transfers with:



e 16

5.1 Sending Files

Sending a File or Directory

Sending a file(s) is considered an “Upload”.

- 1) First, find the file(s) on your computer that you want to upload by navigating to them in the left hand panel as seen in Figure 16 and highlight them.
- 2) Then, in the right side panel click on the destination directory you wish the file(s) to be transferred to, (Configured by the MFT Administrator). You will notice the direction of the arrow in the middle of the two panels will be displayed in Orange as seen in Figure 17, indicating your file(s) is ready to be sent.
- 3) Click on the orange arrow to send your file(s). The details of your file transfer request will be displayed in the bottom panel.

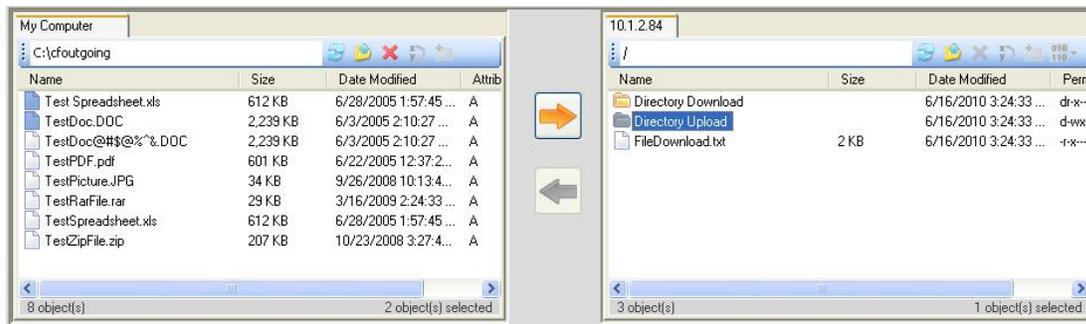


Figure 17

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5.2 Receiving Files

Receiving a File(s)

Receiving a file(s) is considered a “Download”.

- 1) First, in the right hand panel double click on the folder that holds the file(s) you want to download from the MFT Server (Configured by the MFT Administrator) and highlight the file you want to download. You can highlight multiple files by holding down the <Ctrl> key and clicking on the files.
- 2) Then, from the left side panel navigate to the destination directory you wish the file(s) to be transferred to. You will notice the download arrow will be displayed in Green as seen in Figure 18, indicating your file(s) is ready to be sent to you.
- 3) Click on the green arrow to receive your file(s). The details of your file transfer request will be displayed in the bottom panel.

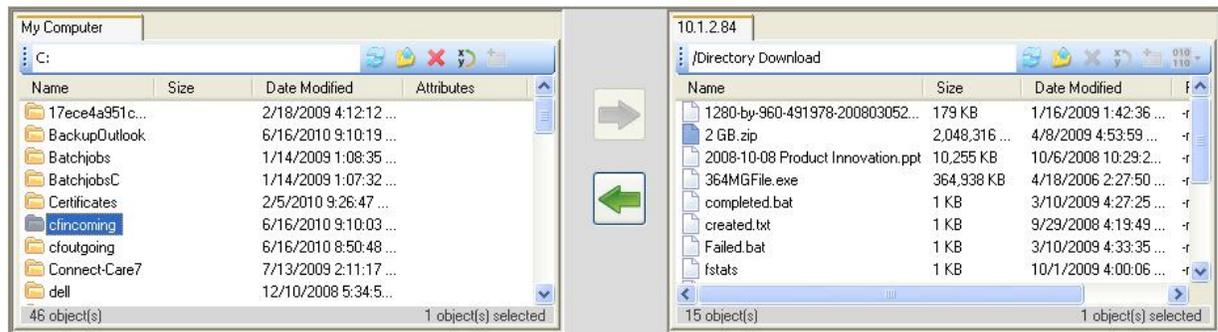


Figure 18

Note: If the file is being transferred from UNIX to Windows, the status may show that the file is larger than 100%. This is due to the CRLF parameter.

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