

Move My Printers User's Guide

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1. Move My Printers Overview

Move My Printers is a suite of applications consisting of the Move My Printers Deployment Toolkit, Move My Printers Engine and the My Print Driver Information applications that enhance a Network Administrator's ability to migrate and maintain client printers.

To help understand how the Move My Printers suite can help, consider the following examples:

1.1 Migration Activities

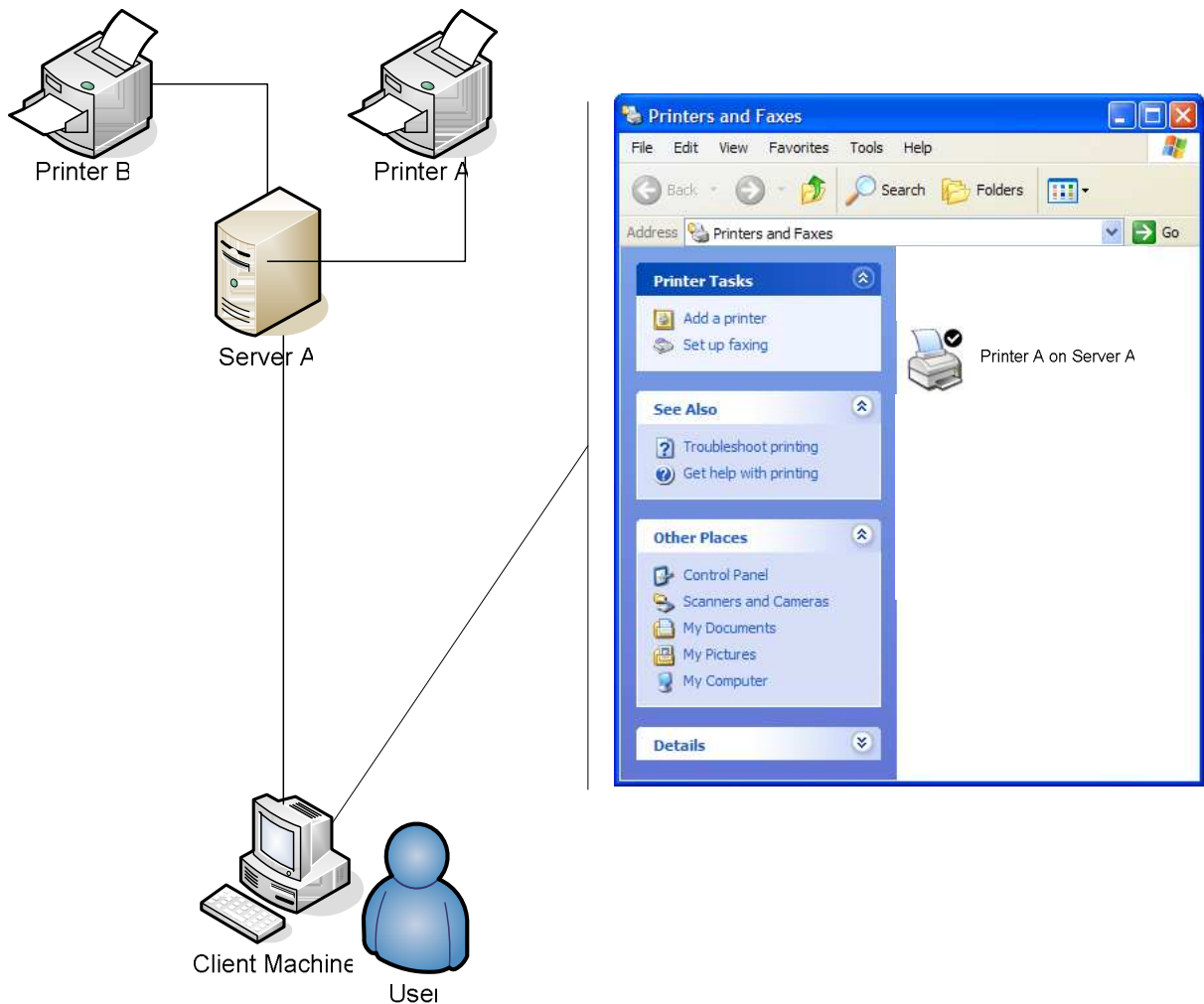


Figure 1-1: Move My Printers Overview

For example, Print Server "A" has just failed. Printer "A" was moved off Server "A" to Server "B". As a network administrator, you want to have all of your client machines use Printer "A" on Server "B".

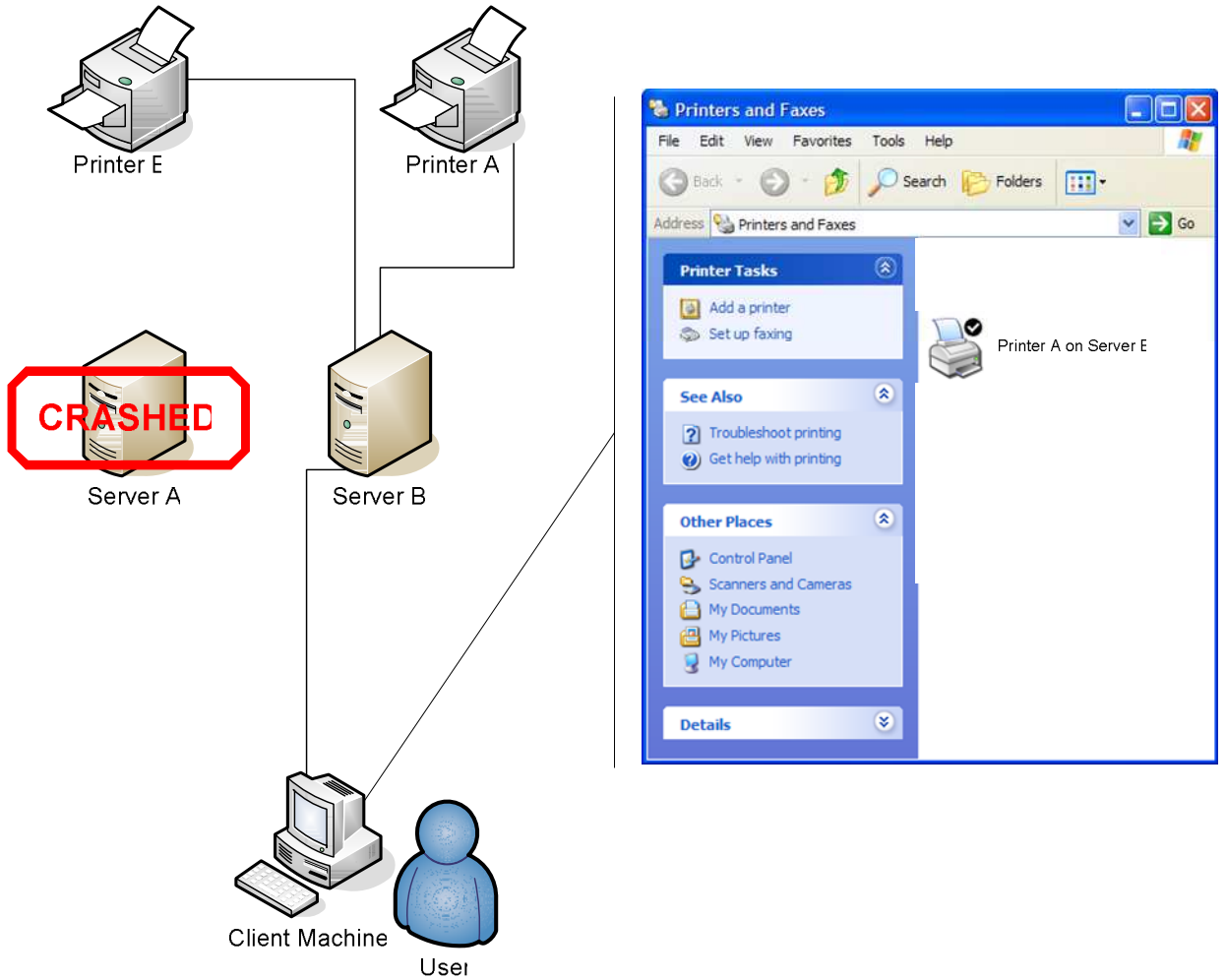


Figure 1-2: Server to Server Migration

What if Printer "A" fails and you want to move all client machines to use a new Printer "B" on the same server?

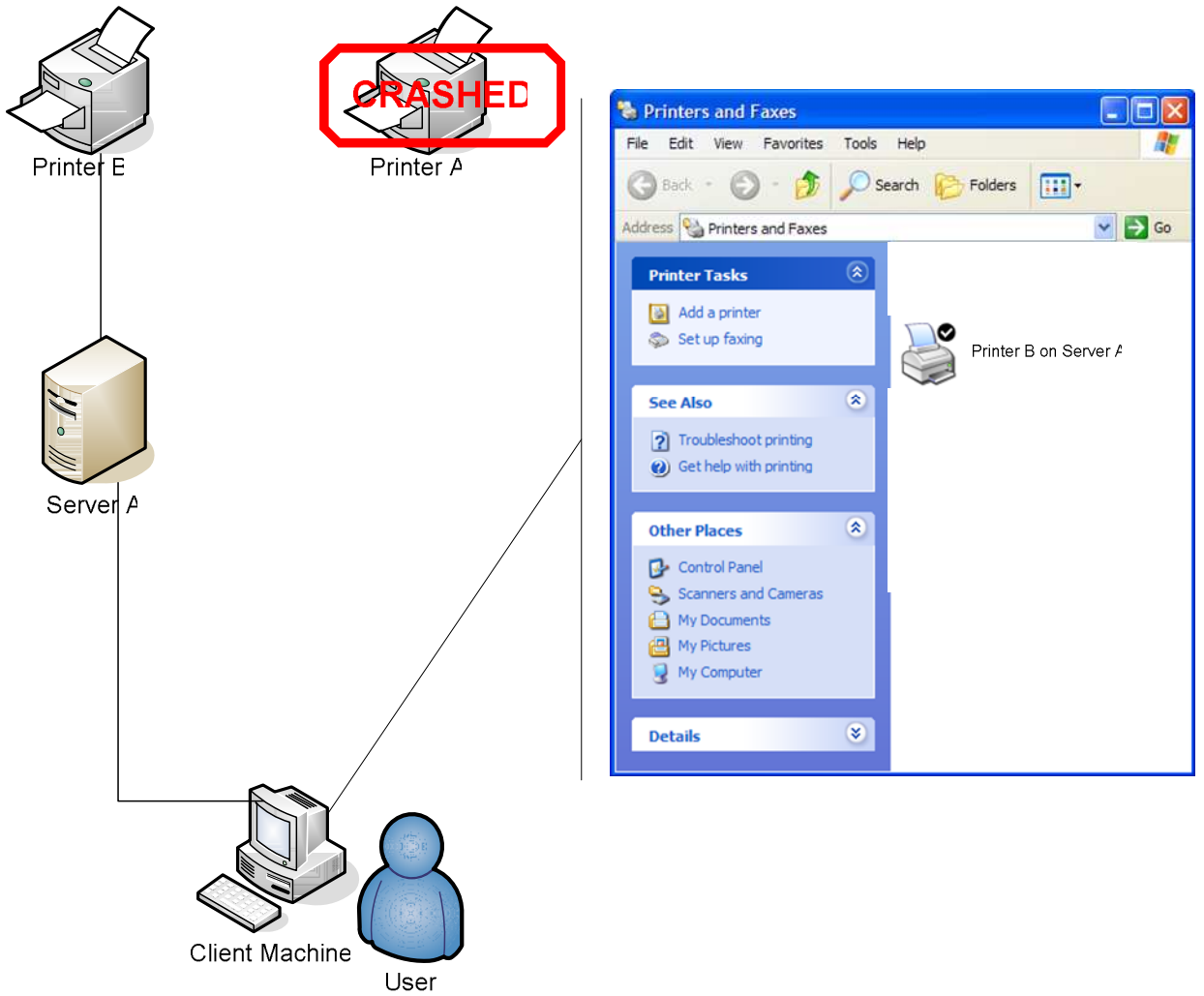


Figure 1-3: Printer to Printer Migration

What if Printer “A” and Server “A” fails and you want to move all client machines to use the new Printer “B” on Server “B”?

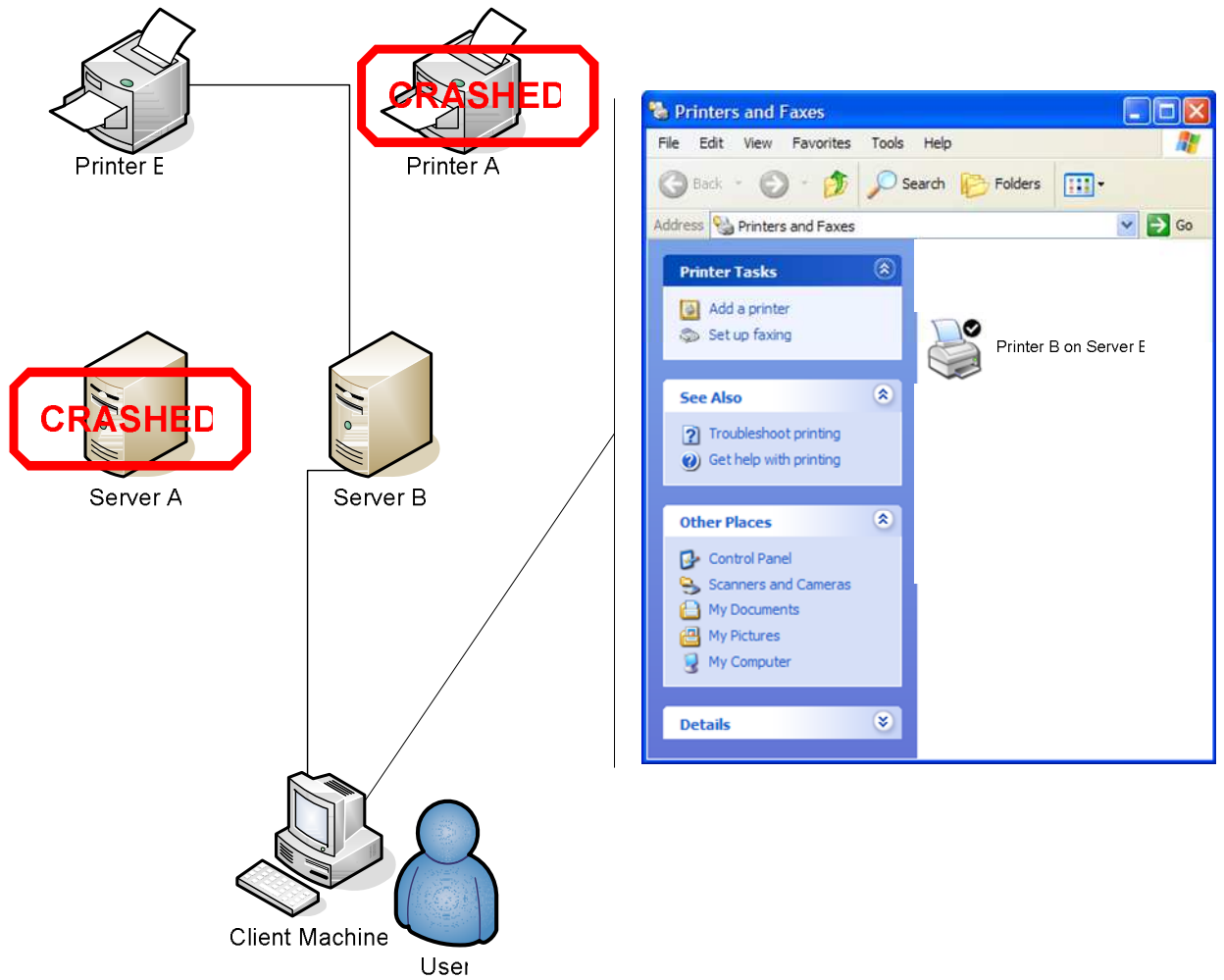


Figure 1-4: Mixed Printer and Server Migration

What if you do not want to worry about what printers or print servers are moving where and you maintain an Active Directory where all of your printers and print servers are organized?

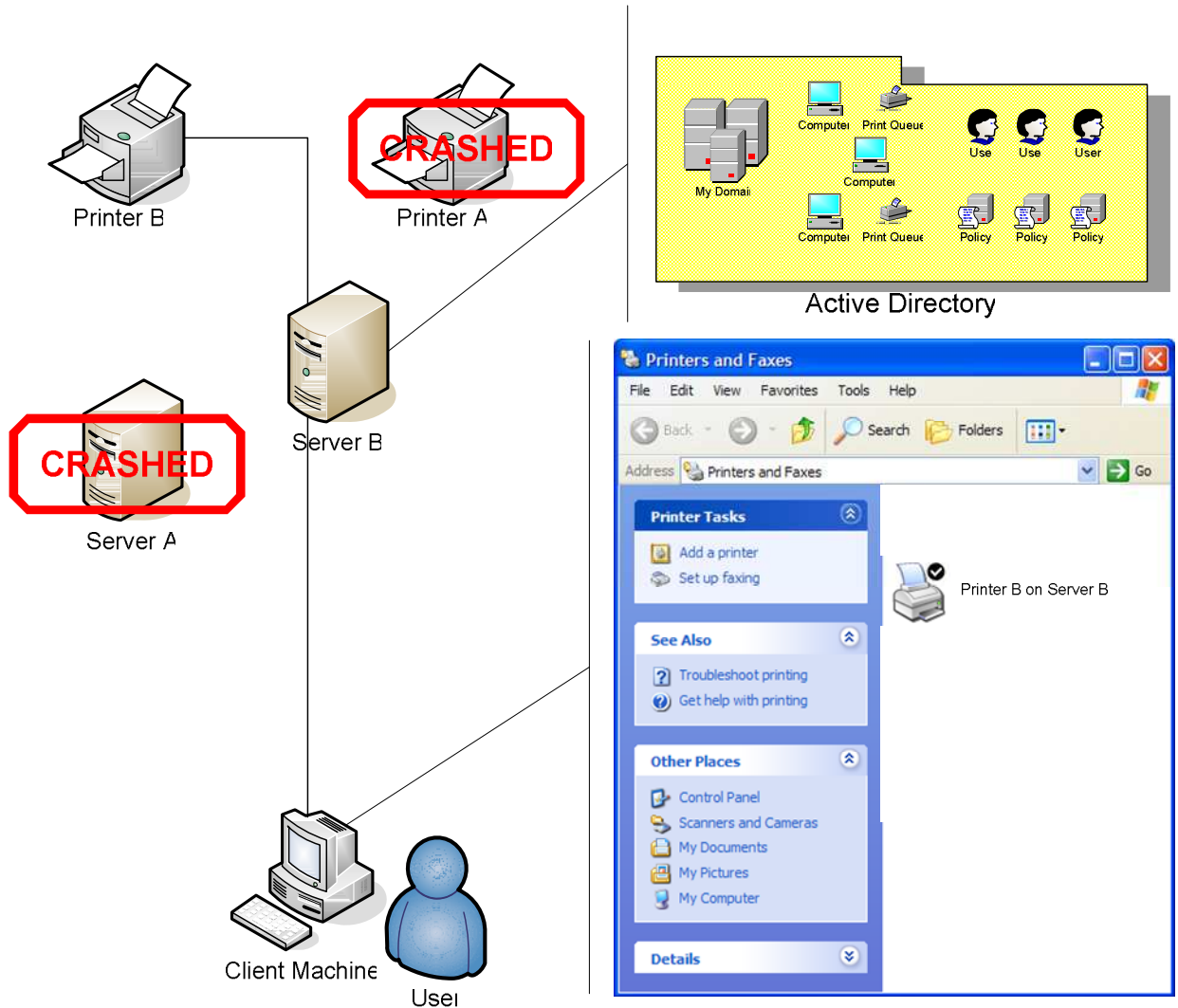


Figure 1-5: Active Directory Migration

What are your options?

1. Send out an email to notify everyone of the move.
Problem: You put the responsibility on the end user to delete the old Printer (if he/she knows how) and add the new one (if he/she remembers how). Otherwise, a flood of calls to the help desk will result.
2. Write a script to detect, remove and add the printers on each client machine.
Problem: you now must become a software developer and/or find all the scripts you need to accomplish this task, costing a lot of time. People need to print now!

3. Start Move My Printers Deployment Toolkit, use an easy and user friendly GUI to create a Configuration file. Use the deployment option within the Move My Printers Deployment Toolkit to deploy the Move My Printers Engine and Configuration file to a shared network folder. Finally, call the pre-created batch file from a login script or direct client users to run the pre-created batch file or browse to the web page created by Move My Printers, where the Move My Printers Engine will detect, remove and add the new printers automatically in a few seconds.

1.2 Maintenance Activities

What if you do not have a need to migrate client printers at all, but you still want to remove or add client printers independently of any migration activities? Move My Printers can add a client printer, locally or networked, without requiring a deletion first. Conversely, Move My Printers can also delete a client printer, locally or networked, without requiring an addition first.

1.3 Move My Printer Components

Move My Printers is comprised of the following components:

- Move My Printer Deployment Toolkit
- Move My Printers Engine
- Move My Printers Configuration Files
- My Print Driver Information Application
- Supporting Software

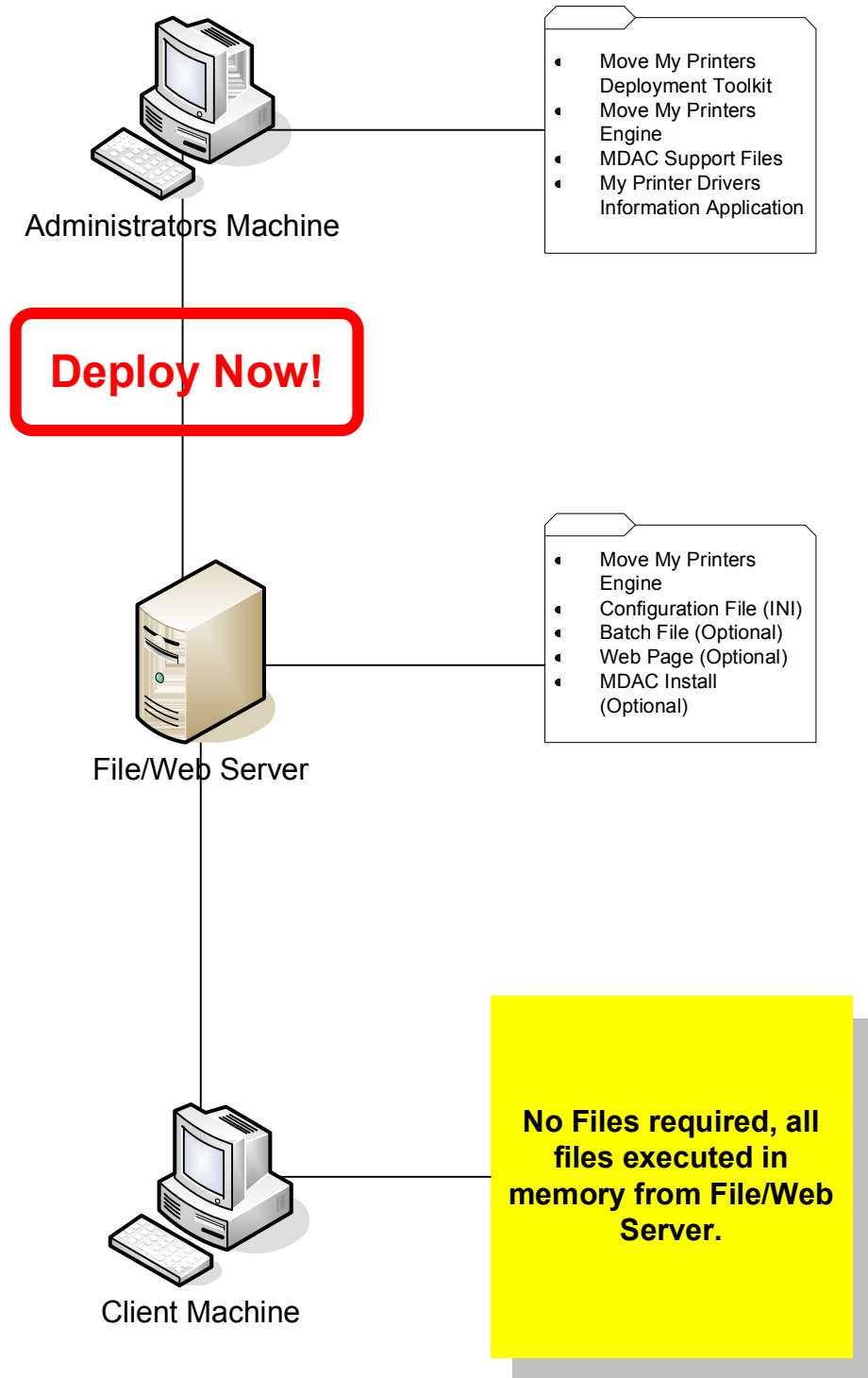


Figure 1-6: Move My Printers Components

The Move My Printers Deployment Toolkit is the main application of the Move My Printers product. It is used to create, edit and deploy Move My Printers Configuration Files.

The Move My Printers Engine is the work horse of the Move My Printers product. When combined with a Move My Printers Configuration File, the Move My Printers Engine reads and executes the saved functionality from the Move My Printers Configuration File to deploy the changes on the client computers.

A Move My Printers Configuration file is an INI file that has been created by the Move My Printers Deployment Toolkit. This file is text based, meaning that it can be edited within a text editor. Although the INI file can be edited directly, it is suggested that you use the Move My Printers Deployment Toolkit to ensure correct INI file creation.

The My Print Driver Information application is a tool that can be used to determine a print driver name and path on the print server machine. When installing a printer locally, the Move My Printers Engine needs to know what print driver to use. The My Print Driver Information Utility can assist in determining the driver information.

Move My Printers has several support software items that are provided to help ensure that when the Move My Printer Engine executes on a client machine. The most important support software is the MDAC (Microsoft Data Access Components) install. To use the MDAC deployment option you will to download the additional support files from the Move My Printers website: http://www.fluentware.com/move_my_printers/downloads.htm. To always insure the latest versions of MDAC files, we do not include these files in the Move My Printers default install. You may also find these files from Microsoft (<http://www.microsoft.com/data>).

1.4 Move My Printers Features List

1.4.1 Profile Based Migrations

The Move My Printers application can migrate a variety of user profile configurations.

- **Thin Client, Remote Users:** If you have multiple remote users in a thin client configuration, Move My Printers can identify each user/profile when a user session is created. Migrations will be performed on only the session profile.
- **Static Profiles:** Not sharing profiles a crossed machines? Move My Printers will migrate a static profile even when multiple static profiles are on the same machine.
- **Roaming Profiles:** Sharing profiles from a single share to multiple machines? Move My Printers will migrate the shared profile on the first machine the profile is loaded and then never again (unless specified by other options) . Even if the profile is loaded on a different machine. (Windows 2000, 2003 and XP Only)

1.4.2 Multiple User Modes

The Move My Printers application can move printers by using Active Directory or any of three Manual Configurations.

- **Active Directory:** If you use Active Directory within your domain you can use Move My Printers to consistently and automatically move client printers when changes are made on print servers within the network. NOTE: For this to work properly, printer and share names must be the same when they are moved between servers.
- **Manual Configurations:** If you're not using Active Directory or you want more control over a client printer moves, use the three Manual Configuration modes:
 - **Printer To Printer mode:** "Printer A" and "Printer B" both exist on "Server A". "Printer A" fails and I want to change all of my client printer configurations to use "Printer B" on "Server A" instead.
 - **Server To Server mode:** "Printer A" exists on both "Server A" and "Server B". "Server A" fails or is old and being replaced by "Server B" and all client printer configurations using "Server A" now need to use "Server B".
 - **Mixed Printer and Server mode:** "Printer A" exists on "Server A" and "Printer B" exists on "Server B". "Server A" and/or "Printer A" fails or are replaced with new hardware. All of the client printer configurations need to be changed to use "Printer B" on "Server B" instead.

1.4.3 Graphical User Interface (GUI)

The Move My Printers Deployment Toolkit is a standard Windows application with a complete GUI to make your Configuration file creation process easy and simple. With fourteen possible screens you never need to edit the Configuration file manually.

1.4.4 Multiple Notification Modes

The Move My Printers application can notify you (or the person whose printers are being migrated) in any of several methods of the execution status of a Move My Printers migration on each client.

- **SMTP (Email):** Receive email messages (via SMTP) with a report on the success or failure of a client's migration. (This feature requires an SMTP server on the network).
- **File Output:** Save a list of files to a network share or to the local client computer with a report on the success or failure of a client's changes. Sounds like too many files? The Move My Printers application has options for attaching the computer name and outcome of the

move to each file name to allow for easy file searches and identification of failed printer moves.

- **Client Pop-up:** Want the client to know when the Move My Printers application has completed? The Move My Printers Client Pop-up option allows for a custom message on either success or failure.
- **Application Event Log:** Monitor your event logs? The Move My Printers application can log information and warning messages to the application event log on each client computer with a report of the client's migration status.

1.4.5 Maintenance Modes

The Move My Printers application can perform two types of maintenance activities.

- **Prune:** To delete a client printer without the need to add one first. Prune can delete a local or networked printer, delete all local printers or for Active Directory it can delete all orphaned Active Directory printers.
- **Populate:** To add a client printer without the need to delete one first. Populate can add a local or networked printer. When adding a local client printer you will need to specify a print driver in the new Drivers Feature.

1.4.6 Set Default

The Move My Printers application can now set a default printer based on a migration or maintenance activity. There are three modes for setting the default printer: None, Migration or Force.

- **None:** if the default printer is deleted during a migration or maintenance activity, a new default printer is not set. This mode allows the client to select a new default for themselves.
- **Migration:** if the default printer is deleted during a migration activity, the newly added printer now becomes the default printer.
- **Force:** sets the default printer to a pre-selected printer name independent of any migration or maintenance activities.

1.4.7 Drivers

The Move My Printers application can add local printers to a client machine. To add a local printer, Move My Printers must know the name of the print driver to use and on what port to add the new printer. This feature can be used to install print drivers on a machine where the printer drivers did not previously exist.

1.4.8 Easy Deployment Options

The Move My Printers Deployment Toolkit will make your deployment process painless with one-touch deployment. Simply select the path for deployment, decide if you want a batch file and/or a web page, and then select deploy. The Move My Printers Deployment Toolkit will identify all the files required for your deployment, copy them to the destination path and create any batch or web page files requested. From here you can have your clients use the batch file or provide them with an web page link to make the selected changes. Alternatively, the entire process can be automated by calling the batch file from a login script.

1.4.9 Rapid Support

We at Fluentware, Inc. know that there are thousands of different network configurations around the world. We also know that because of this, there may become a time when the Move My Printers application has an issue with a particular network configuration.

We at Fluentware, Inc. have not ignored this issue and have built into the Move My Printers application the ability to create a debug log of your Move My Printers activity that can be sent to Fluentware, Inc. for analysis and rapid resolution of your issue..

2. Evaluation Version Restrictions

When using Move My Printers in the evaluation mode (before the purchase of a registration code) there are certain restrictions to keep in mind.

1. The Move My Printers Deployment Toolkit and the Move My Printers Engine will only work for 30 days after the first day of use.
2. The Move My Printers Engine will execute only a limited number of times on any one client machine.
3. The Move My Printers Engine will execute only on a limited number of client machines for any one INI file deployment.

The intent of the evaluation version of Move My Printers is to allow you the opportunity to test the functionality of the application without providing an unrestricted feature set. With the current evaluation version you will be able to test on several machines, several number of times. You will NOT have the ability to migrate your entire network, multiple times.

If you have any additional questions please contact us by visiting <http://www.fluentware.com>.

3. Revision History

3.1 Move My Printers v03.01.00

The following is a list of features, issues or enhancements that have been added to the Move My Printers v03.01.00 release.

- With improved reporting capabilities, Move My Printers now reports the computer name and profile name for each migration.
- Profile based migrations: using roaming profiles, multiple users log into the same machine or using a thin client remote access process? Move My Printers is no longer client machine locked. No matter how many users log into one machine, Move My Printers will migrate each profile/user independently.

3.2 Move My Printers v03.00.00

The following is a list of features, issues or enhancements that have been added to the Move My Printers v03.00.00 release.

- Move My Printers v03.00.00 resolved several Windows 95, 98 and ME issues.
- The Maintenance feature was added with the ability to Prune or Populate client printers.
- A progress window was added to the Move My Printers Engine to provide visual feedback when performing an upgrade.
- A Set Default feature was added to allow for the setting of a default printer after a migration or maintenance process has been performed.
- A Drivers feature was added to include the information for a Windows 95/98/ME and local printer additions. This feature can also be used to install print drivers on a client machine.
- The My Print Driver Information application was added to aid in the identification of print driver information.

3.3 Move My Printers v02.00.00

Move My Printers v02.00.00 was the first commercially available version of Move My Printers. In this release the application could perform all of the migration activities.

3.4 Move My Printers v01.00.00

The original version of Move My Printers was not a commercially available application.

4. Installation

The following sections describe the minimum requirements that must be met to execute Move My Printers, how to get it installed, and helpful hints before starting to use Move My Printers. .

4.1 Minimum Requirements:

The minimum requirements that must be met for the various components of Move My Printers are described in the following sections.

4.1.1 Common

The following lists of items are the minimum requirements for the Move My Printers Deployment Toolkit, the Move My Printers Engine and the My Print Driver Information Utility. For minimum requirements that only apply to specific application please see the sections that follow.

4.1.1.1 Supported Operating Systems

- Windows 95
- Windows 98
- Windows ME
- Windows NT 4 (Workstation and Server) with Service Pack 6 or greater
- Windows 2000 (Professional and Server)
- Windows XP (Home and Professional)
- Windows 2003

4.1.1.2 Hardware

The following minimum hardware requirements are required to execute the Move My Printers product. Various operating systems may require more hardware resources than what are listed here.

- Pentium III 500 MHz or greater
- 64 MB of RAM

4.1.2 Move My Printers Deployment Toolkit

The following minimum requirements are only required for the Move My Printers Deployment Toolkit.

4.1.2.1 Hardware

To install the Move My Printers Deployment kit it is required to have 30 MB of free hard drive space on the installation machine, in addition to any space need to download, uncompress or setup the installation file program.

4.1.3 Move My Printers Engine

The following minimum requirements are only required for the Move My Printers Engine.

4.1.3.1 Hardware

When the Move My Printers Engine is deployed to a file or web share, it is required to have 10 MB of free hard drive space.

When deploying a configuration file that utilizes file output notification, the file path should have a minimum of 3 KB per client machine. Depending upon the number of printers the client machines have mapped, the output file size will vary. On average you should plan for 3 KB per client. For example, if you have 500 clients on your network then 3 KB x 500 clients = 1.5 MB of disk space required.

Please note that if SMTP mail notification fails it will also write output files to the deployment folder. These output files are the same size as the file output notification files but there should not be as many. As a best practice we suggest that you ensure an additional 5-10 MB of space be available in the deployment folder for SMTP email notifications.

When using the debug trace option of the support feature it is required to have an additional 50 KB per client machine. Depending upon the number of printers the client machines have mapped, the debug file size will vary. On average you should plan for 50 KB per client. For example, if you have 500 clients on your network then 50 KB x 500 clients = 25 MB of disk space required. As a best practice we suggest that you not run the Move My Printers Engine with the debug trace file option enabled, unless you are experiencing an issue. When an issue is noticed, run the configuration file and Move My Printers Engine on a smaller subset of client machines, to gather a sufficient number of debug files to help us resolve your issue.

4.1.3.2 Supporting Software

The Move My Printers Engine requires Microsoft Data Access Components (MDAC) version 2.5 Service Pack 3 or greater to be installed if the Active Directory migration method will be used. These components are NOT available as part of the Move My Printer installation. To use the MDAC deployment option you will to download the additional support files from the Move My Printers website: http://www.fluentware.com/move_my_printers/downloads.htm. To always insure the latest versions of MDAC files, we do not include these files in the Move My

Printers default install. You may also find these files from Microsoft (<http://www.microsoft.com/data>).

4.1.4 My Print Driver Information Utility

The following minimum requirements are only required for the My Print Driver Information application.

4.1.4.1 Hardware

The My Print Driver Information application was designed to be portable from one machine to another. Once installed on an Administrator's machine, there are only two files required to operate the application. The ability to copy the MSCOMCTL.OCX and MyPrintDriverInfo.exe files to a floppy drive and take them to a print server machine for analysis makes the My Print Driver Information Utility portable for any machine.

4.2 Setup

Move My Printers ships with a standard Windows installation application.

NOTE: The Move My Printers install assumes you have a capable version of the Microsoft Software Installation (MSI) application already installed. If you do not have MSI capabilities, you can download the latest versions of MSI from the Move My Printers website: http://www.fluentware.com/move_my_printers/downloads.htm.

4.2.1 Upgrades

If you have installed a previous version of Move My Printers, you will be required to uninstall your previous version before installing this new version. Any registration keys previously entered will now become invalid, until you enter the new registration key. Any INI files previously deployed need to be reread then written to have the registration key updated. Alternatively, you can alter the [REGISTRATION] section of the INI file.

4.2.2 File List

The following is a list of files (and a brief description of each) needed to install Move My Printers.

- **Move My Printers Setup.msi:** The Move My Printers Setup.msi file is the main installation data file. This file includes all of the files that will be installed on the machine that will run the Deployment Toolkit.
- **Setup.Exe:** The Setup.exe file is the main installation application. Run this program when you are ready to install Move My Printers product.

- Setup.ini: The Setup.ini file is a support file used by Setup.exe during the installation process.
- EULA.txt: The EULA.txt file is the End User License Agreement that explains the legal use of this application and must be accepted to install it.
- Readme.txt: The Readme.txt file contains version history information, setup instructions, and any other information that should be read first before installing Move My Printers, and is considered a supplement to this manual and the books online..

4.2.3 Process

The Move My Printers installation program has several standard Windows installation steps. Please follow the on screen instructions to complete the installation process.

4.2.4 Start -> Programs Menu Items

The following items will be installed on the Start -> Programs menu items.

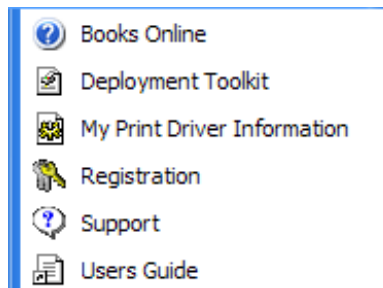


Figure 4-1: Installation Menu Items

These items can be found under the Fluentware, Inc. -> Move My Printers folders and perform the following actions:

- Books Online – is the help system for the Move My Printers product. Use this menu item when you need information on how the Move My Printers Deployment Toolkit works.
- Deployment Toolkit – is the Move My Printers Deployment Toolkit application. Use this menu item when you want to run the Move My Printers Deployment Toolkit program.
- My Print Driver Information – is the Move My Printers Utility application used to determine the print drivers needed for a Windows 95/98/ME or a local printer populate.
- Registration – will take you to the Move My Printers registration page on the internet. This menu item will launch your default web browser and navigate to the Move My Printers registration page.
- Support – will take you to the Move My Printers support page on the internet. This menu item will launch your default web browser and navigate to the Move My Printers support page.

5. Application Navigation

This section of the User's Guide describes the multiple navigation methods provided within the Move My Printers Deployment Toolkit.

5.1 Menu Items with Hot Keys

At the top of the Move My Printers Deployment Toolkit is provided a standard menu bar. In this menu bar you will find the "View" menu item. Within the View Menu item you will find a list of all the screens possible within the Move My Printers Deployment Toolkit.

<u>G</u> eneral	Ctrl+G
<u>A</u> ctive Directory	Ctrl+A
Server <u>T</u> o Server	Ctrl+T
Printer To Printer	Ctrl+I
<u>M</u> ixed Server And Printer	Ctrl+M
<u>E</u> mail Output	Ctrl+E
<u>F</u> ile Output	Ctrl+F
Client Pop- <u>u</u> p	Ctrl+U
Application Event <u>L</u> og	Ctrl+L
<u>D</u> eployment	Ctrl+D
Deployment <u>G</u> eneral	Ctrl+Y
M <u>D</u> AC	Ctrl+W
<u>P</u> run	Ctrl+J
<u>P</u> opulate	Ctrl+K
<u>S</u> et Default	Ctrl+Q
<u>D</u> rivers	Ctrl+B
<u>R</u> egistration	Ctrl+R
<u>S</u> upport	Ctrl+P

Figure 5-1: Move My Printers Deployment Toolkit View Menu (Active Directory)

General	Ctrl+G
Active Directory	Ctrl+A
Server To Server	Ctrl+T
Printer To Printer	Ctrl+I
Mixed Server And Printer	Ctrl+M
Email Output	Ctrl+E
File Output	Ctrl+F
Client Pop-up	Ctrl+U
Application Event Log	Ctrl+L
Deployment	Ctrl+D
Deployment General	Ctrl+Y
MDAC	Ctrl+W
Prune	Ctrl+J
Populate	Ctrl+K
Set Default	Ctrl+Q
Drivers	Ctrl+B
Registration	Ctrl+R
Support	Ctrl+P

Figure 5-2: Move My Printers Deployment Toolkit View Menu (Manual Configuration)

In addition to the menu items for screen, the Move My Printers Deployment Toolkit provides hot keys for each screen. Hot keys for each screen are represented by the “CTRL-?” where the “?” is replaced with a single key character.

5.2 Tree

On the left side of the Move My Printers Deployment Toolkit is provided a tree navigation option. In the tree navigation option you will find one node/branch for each screen that is accessible for the currently loaded configuration file type (Active Directory/Manual Configuration)

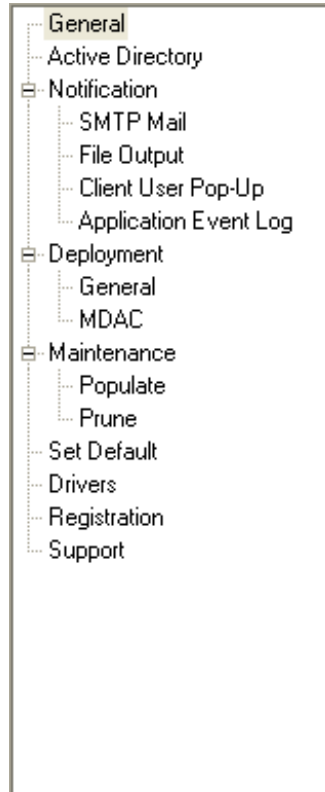


Figure 5-3: Tree Navigation (Active Directory)

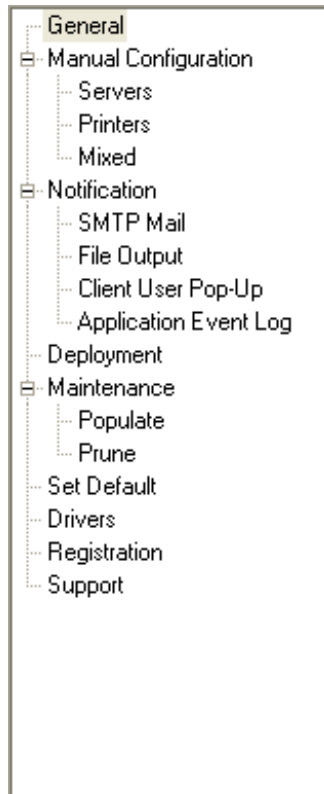


Figure 5-4: Tree Navigation (Manual Configuration)

5.3 Screen Buttons

On every screen are several standard buttons provided to traversal navigation within the Move My Printers Deployment Toolkit.



The Help button launches the standard Windows help system at the topic that represents the currently visible screen.

The Next button traverses to the next screen in the Move My Printers Deployment Toolkit.

The Back button traverses to the previous screen in the Move My Printers Deployment Toolkit.

6. Creating a Deployment Configuration File

The first step in using the Move My Printers product requires the creation of a configuration file to be used in conjunction with the Move My Printers Engine. There are two methods to create a new configuration file, one when the Move My Printers Deployment Toolkit first starts, second by using the File->New menu item.

6.1 On Startup

When the Move My Printers Deployment Toolkit first starts you will be presented with the New INI file type dialog. Note that by selecting the “Cancel” button on the New INI dialog during the Start-up process you will not only cancel the New INI dialog, but you will exit the Move My Printers Deployment Toolkit application.

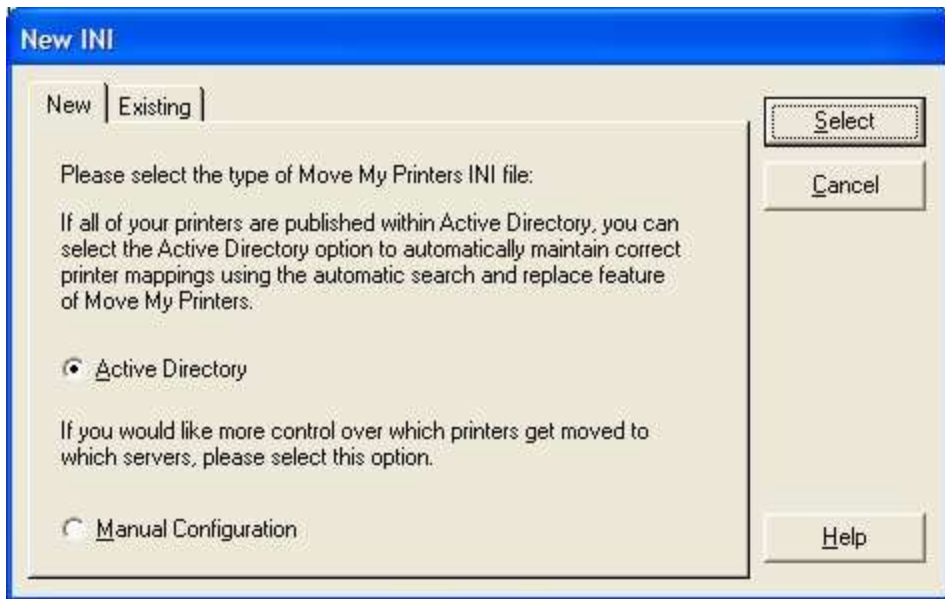


Figure 6-1: Start-up Dialog (New INI)

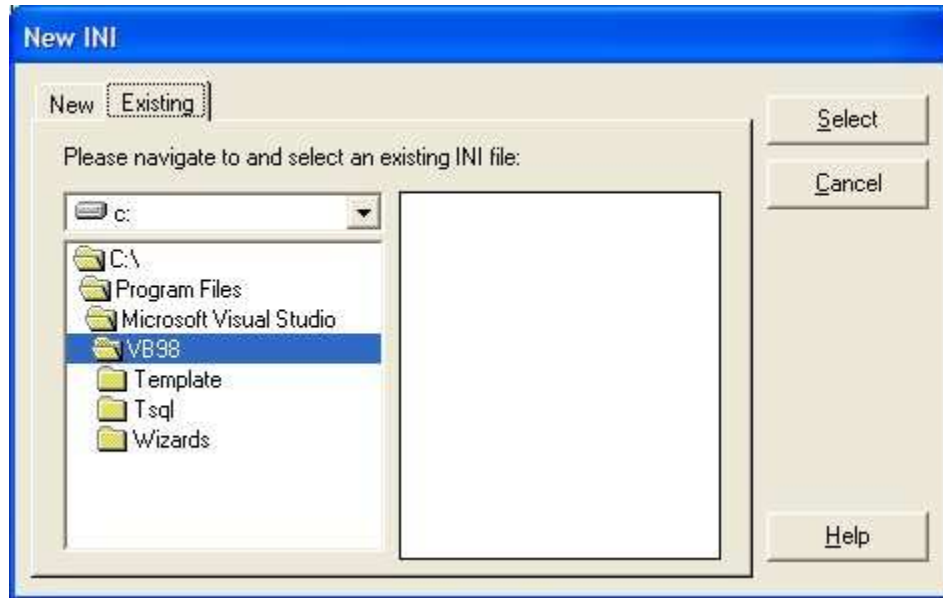


Figure 6-2: Start-up Dialog (Existing INI)

6.1.1 New Tab

From the New tab you are presented with the options to create a new Active Directory or Manual Configuration INI file. Note that these two options are mutually exclusive of each other. Once a configuration file is created as one option, it can not be changed. Once an option is selected you can use the “Select” button to start the creation process.

6.1.1.1 Choosing Active Directory

If you maintain an Active Directory (AD) which contains all of the printers, computers, groups and etc ... about your domain, Move My Printers can use the information already stored in the AD to automatically find and update client networked printers information.

6.1.1.2 Choosing Manual Configuration

If you want to have more control over the moving of client networked printers, then choose the Manual Configuration option. The Manual Configuration option provides three types of manual moves; Printer to Printer, Server to Server and Mixed Printer and Server. Each of these three types are explained further in the Editing Manual Configuration Options section.

6.1.2 Existing Tab

The Existing tab is used to find and open an already existing Configuration INI file. Use the drive drop-down list, the folder navigation tree and the file list to navigate to and then select an

existing Configuration INI file. Once selected you can use the “Select” button provided to open the file, or you can double-click on the selected file itself and it will automatically start the loading process.

6.2 **File->New Menu Item**

To create a new Configuration INI file once the Move My Printers Deployment Toolkit is executing, you can use the File -> New menu item. When selected, you will be provided with the New INI dialog.

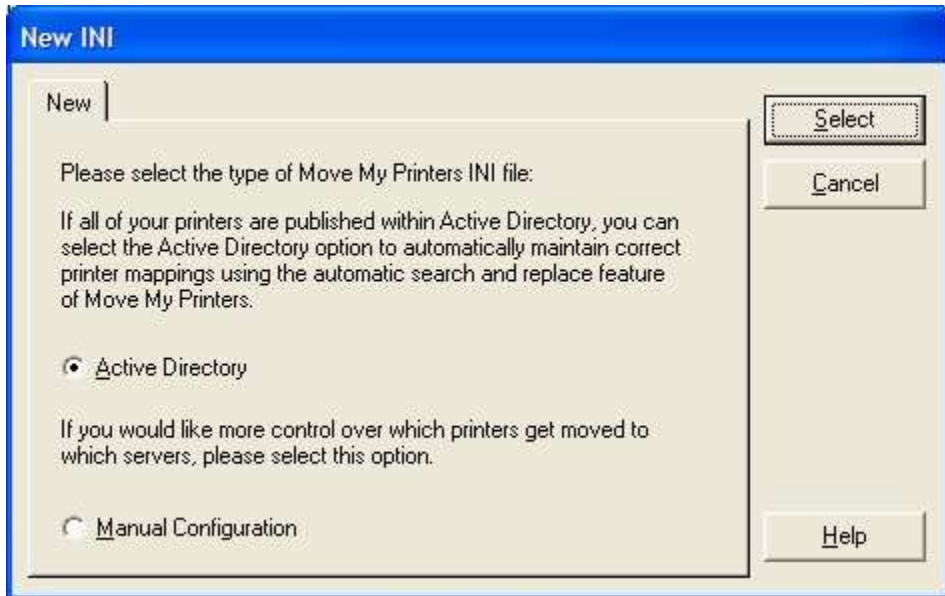


Figure 6-3: New INI (File->New Menu Item)

This version of the New INI dialog functions the same was the New Tab on the On Startup section. For more information please refer to the On Start-up/New Tab section.

7. Editing General Options

This section of the User's Guide will describe how to use the General screens of the Move My Printers Deployment Toolkit to edit the General options of the configuration file.

7.1 Testing Your INI File

The Move My Printers application has several options that can be very useful when testing an INI file.

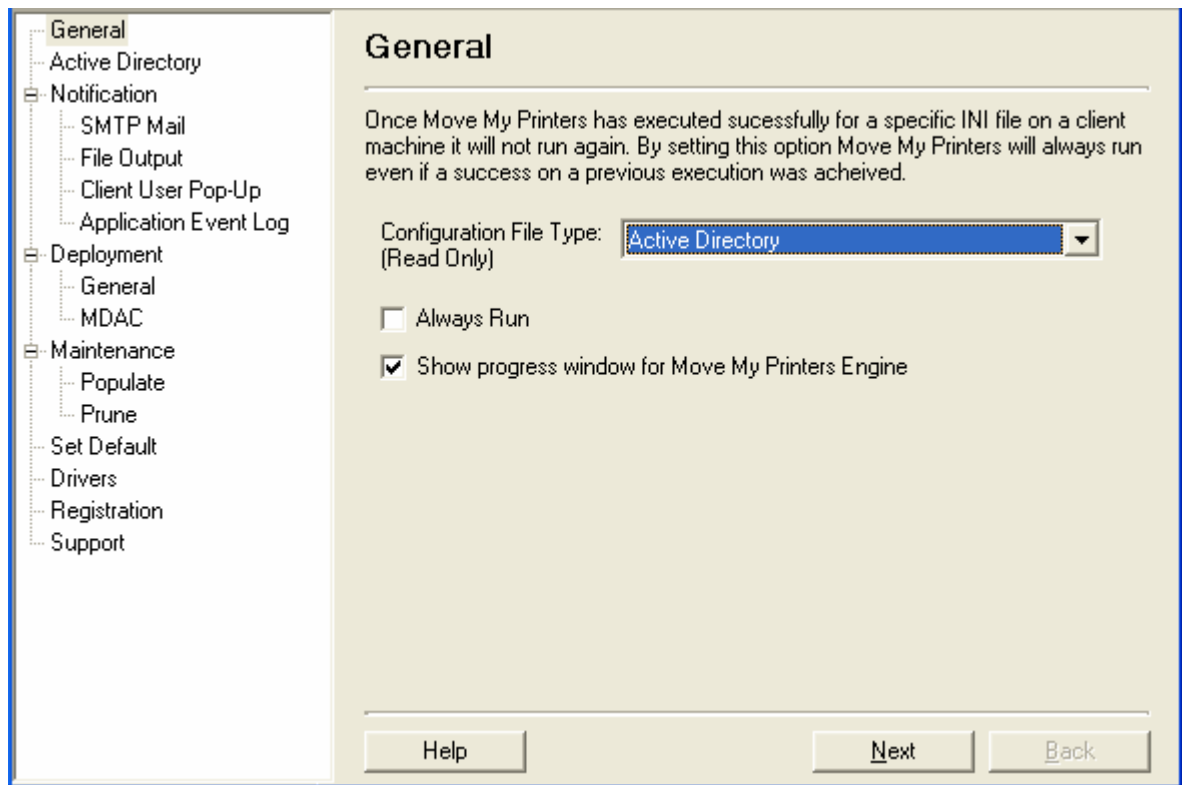


Figure 7-1: General Screen

The Configuration File Type drop down list on the General Screen is for read-only purposes and can not be changed. The Configuration File Type is determined when the file is created using the New File feature.

By default, the Move My Printers engine is designed to run until the INI file is executed successfully. Once the INI file is executed successfully, the INI file is not run again. When

testing, you may want to run the INI file multiple times even if the INI file execution has succeeded. By checking the Always Run checkbox, the Move My Printers Engine will execute the entire INI file configuration every time.

By default the Move My Printers Engine is a headless application, meaning, when running the Move My Printers Engine, it does not display a graphical user interface (GUI). This design is meant for batch file and start-up configurations. When testing a new INI file, it would be appropriate to see what is happening, to ensure that your INI file is progressing. By checking the Show progress window for Move My Printers Engine checkbox, the Move My Printers Engine will display a progress bar and status message windows throughout the migration and maintenance process.

8. Editing Active Directory Options

This section of the User's Guide will describe how to use the Active Directory specific screens of the Move My Printers Deployment Toolkit to edit the Active Directory options of the configuration file. The following steps are only available if the configuration file type is Active Directory. To understand how the configuration file type is determined please see the Creating a Deployment Configuration File section.

8.1 Choosing a Domain

The only option that needs to be configured to use the Active Directory configuration type is the Active Directory domain name.



Figure 8-1: Active Directory Screen

The Domain Name drop down list is where you can either enter or select the domain name you want to use for an Active Directory printer migration. Move My Printers will use this domain name to access Active Directory to retrieve printer and print server information. The Domain name may be either the NetBios (i.e. MyDomain) or the DNS (i.e. MyDomain.com) name.

For the Move My Printers Engine to work properly, printer and share names must be the same when they are moved between servers. Any changing of the printer or share names will not allow the Move My Printers Engine to find printer matches and an error will be generated stating that the old printer can not be found in Active Directory.

The Domain Name drop down list will be pre-populated with all available domain names within your network.

An Active Directory Configuration file can not be saved until the Domain Name has been entered or selected.

8.2 Microsoft Data Access Component (MDAC)

To enable Active Directory printer migrations, the Move My Printers Engine requires that each client machine have a minimum release of MDAC installed. MDAC is a suite of application files developed by Microsoft to enable interactions with the Active Directory and several other types of databases. To ensure that a client computer has at least the minimum requirement, the Move My Printers Deployment Toolkit provides functionality to deploy a version of MDAC with each Active Directory configuration file.



Figure 8-2: Microsoft Data Access Component (MDAC) Screen

The Include MDAC in batch file and/or web page checkbox controls whether or not the MDAC support files are deployed as part of the deployment process. NOTE: All other controls on this screen will be disabled until this checkbox is selected.

Move My Printers presents three different MDAC options. You can learn more about what MDAC is and its purpose by visiting the Microsoft web link presented on this screen. When in doubt, do not deploy it. An error will be returned if Move My Printers can not connect to Active Directory due to an unsupported version of MDAC. The error message will inform you to try installing MDAC to see if the problem is resolved.

NOTE: to use the MDAC deployment option you will to download the additional support files from the Move My Printers website:

http://www.fluentware.com/move_my_printers/downloads.htm. To always insure the latest versions of MDAC files we do not include these files in the Move My Printers default install.

9. Editing Manual Configuration Options

This section of the User's Guide will describe how to use the Manual Configuration specific screens of the Move My Printers Deployment Toolkit to edit the Manual Configuration options of the configuration file. The following steps are only available if the configuration file type is Manual Configuration. To understand how the configuration file type is determined please see the Creating a Deployment Configuration File section.

At least one of the following options must be completed to save a Manual Configuration type INI file.

9.1 Printer to Printer Mode

The following example shows how a Manual Configuration – Printer to Printer operation is performed:

“Printer A” and “Printer B” both exist on “Server A”. “Printer A” fails and I want to change all of my client printer configurations to use “Printer B” on “Server A” instead. To do so, place “Printer A” into the “From Printer” text box and “Printer B” into the “To Printer” text box, then press the “Save” button. Note that the client printer is migrated to a new printer, but the server DOES NOT change. For this option to work correctly, the server for the “From Printer” must be the same as the “To Printer”.

All network printers have two names: the share name and the printer name. Move My Printers uses the printer name to identify a client printer. The printer share name is not used. Because each printer must have a unique printer name on each server, Move My Printers uses the more user friendly name of each printer.

The figure shows a networked printer; highlighted in red is the printer name. This is the name that needs to be entered into the From Printer text box on this configuration screen.

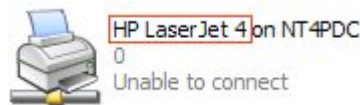


Figure 9-1: Networked Printer Name

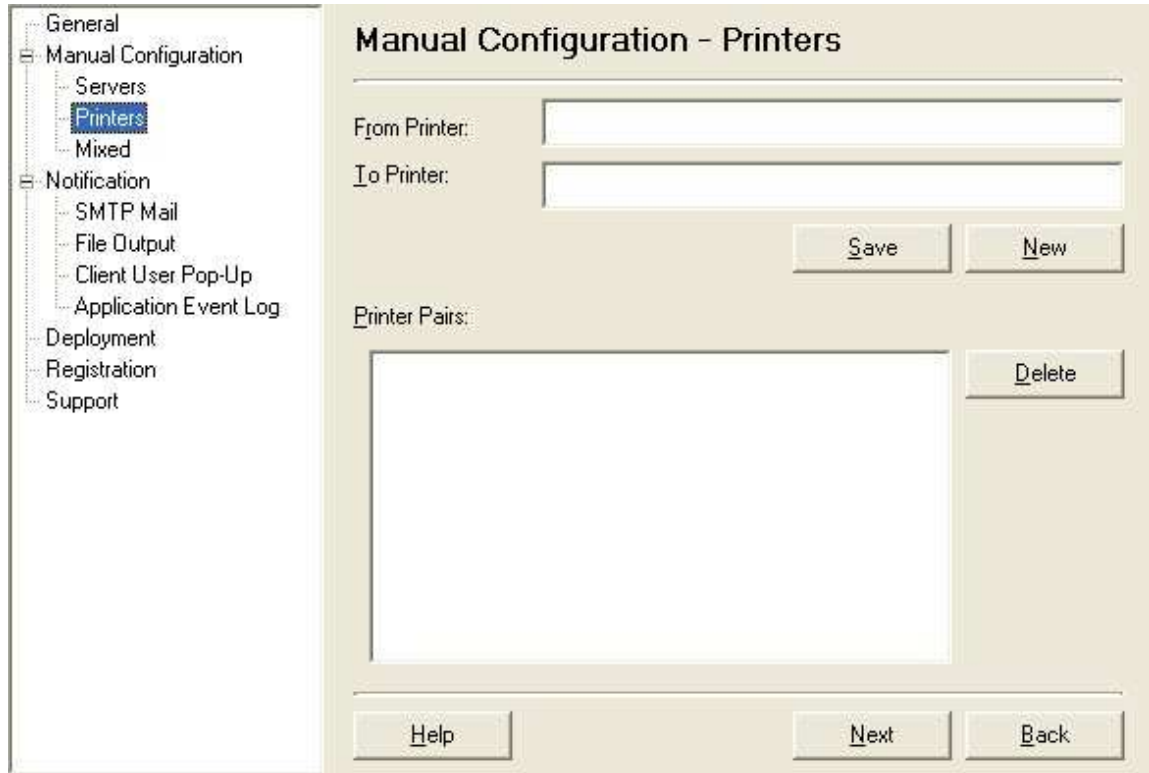


Figure 9-2: Manual Configuration – Printers Screen

The From Printer text box is where you enter the name of the printer you want to move from (the old or broken printer).

The To Printer text box is where you enter the name of the printer you want to migrate to (the replacement printer).

The Save button saves the current values in the From Printer and To Printer controls to the Printer Pairs area. If this is a new pair, a new row is added to the Printer Pairs and the values added. If a row was previously selected from the Printer Pairs area, the Save button will replace the old values on the selected row with the new values.

The New button clears the From Printer and To Printer text boxes.

The Printer Pairs area lists the currently configured From Printer and To Printer items. By selecting an existing row in the Printer Pairs area, the From Printer and To Printer values of the selected row are placed in the appropriate text boxes.

The Delete button deletes the currently selected row from the Printer Pairs area. If no rows are selected, nothing is deleted, though the From Printer and To Printer controls are cleared.

9.2 Server to Server Mode

The following example shows how a Manual Configuration – Server to Server operation is performed:

“Printer A” exists on both “Server A” and “Server B”. “Server A” fails or is old and being replaced by “Server B”, and all client printer configurations using “Server A” now need to use “Server B”. To do so, simply enter “Server A” into the From Print Server text box and “Server B” in the To Print Server text box and press the “Save” button. Note that the client printer is moved to a new print server, but the printer name DOES NOT change. For this option to work correctly the printer name must be the same on both Print Servers.

The following picture shows a networked printer; highlighted in red is the print server name. This is the name that needs to be entered into the From Print Server text box on this configuration screen.



Figure 9-3: Print Server Name

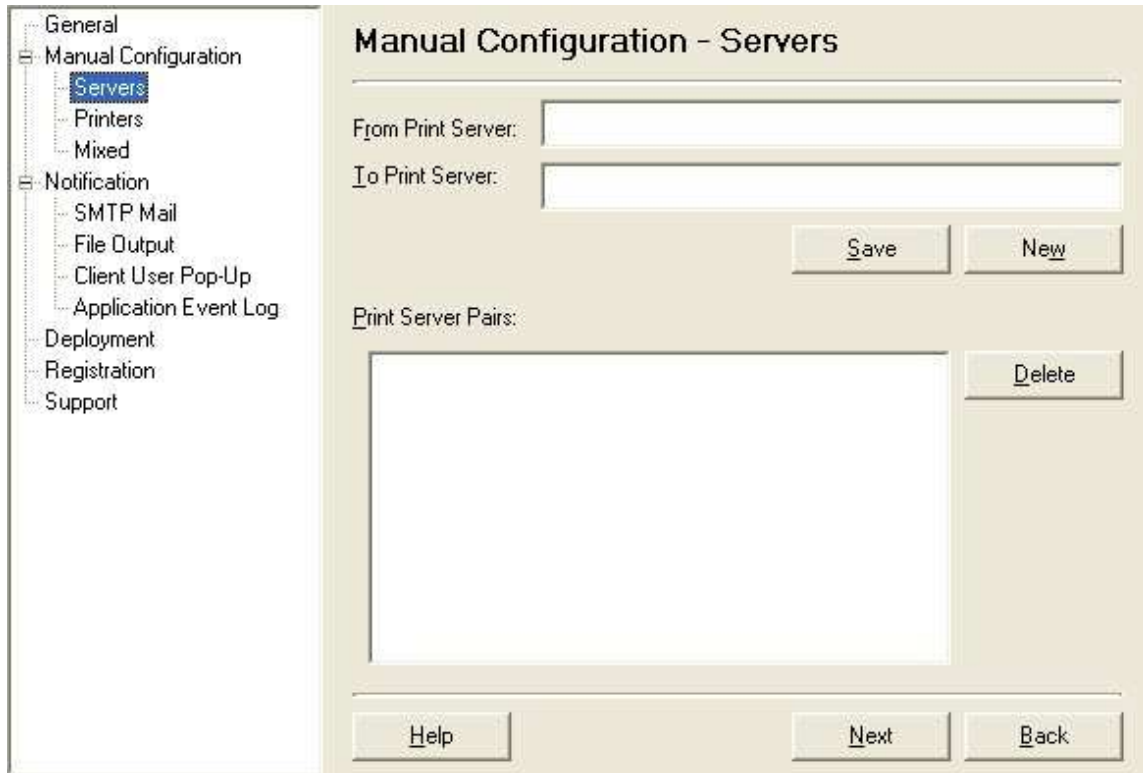


Figure 9-4: Manual Configuration – Servers Screen

The From Print Server text box is where you enter the name of the print server you want to move from (the old or failed server). NOTE: Server names must be entered as NetBIOS names, not DNS-style names for this feature to work properly.

The To Print Server text box is where you enter the name of the server you want to move to (the replacement server). NOTE: Server names must be entered as NetBIOS names, not DNS-style names for this feature to work properly.

The Save button saves the current values in the From Print Server and To Print Server text boxes to the Print Server Pairs area. If this is a new pair, a new row is added to the Print Server Pairs area and the values added. If a row was previously selected from the Print Server Pairs area, the Save button will replace the old values on the selected row with the new information.

The New button clears the From Print Server and To Print Server text boxes.

The Print Server Pairs area lists the currently configured From Print Server and To Print Server items. By selecting an existing row in the Print Server Pairs area, the From Print Server and To Print Server values of the selected row are placed in the appropriate text boxes.

The Delete button deletes the currently selected row from the Print Server Pairs control. If no rows are selected, nothing is deleted, though the From Print Server and To Print Server controls are cleared.

9.3 Mixed Server and Printer Mode

The following example shows how a Manual Configuration – Mixed Printer and Server operation is performed:

“Printer A” exists on “Server A” and “Printer B” exists on “Server B”. “Server A” or “Printer A” fails or are replaced with new hardware. All of the client printer configurations need to be changed to use “Printer B” on “Server B” instead. To do so, simply put “Printer A” in the From Printer text box and “Server A” in the From Print Server text box, “Printer B” in the To Printer text box and “Server B” in the To Print Server text box and press the Save button. Note that both the printer and server are migrated to the new printer and server. To move a printer without changing servers or move servers without changing printers, see the Manual – Printer To Printer or Manual – Server to Server configuration screens, respectively.

To learn how to identify the correct printer or print server name please refer to the Printer to Printer Mode section for the printer name, and Server to Server Mode section for print server name.

The screenshot shows a software window titled "Manual Configuration - Mixed". On the left is a tree view with the following items: General, Manual Configuration (expanded), Servers, Printers, Mixed (selected), Notification, SMTP Mail, File Output, Client User Pop-Up, Application Event Log, Deployment, Registration, and Support. The main area of the window contains four text input fields labeled "From Printer:", "From Print Server:", "To Printer:", and "To Print Server:". Below these fields are two buttons: "Save" and "New". At the bottom of the main area is a section labeled "Print Server and Printer Pairs:" which contains a large empty text box and a "Delete" button. At the very bottom of the window are three buttons: "Help", "Next", and "Back".

Figure 9-5: Manual Configuration – Mixed

The From Printer text box is where you enter the name of the printer you want to move from.

The From Print Server text box is where you enter the name of the print server you want to move from. NOTE: Server names must be entered as NetBIOS names, not DNS-style names for this feature to work properly.

The To Printer text box is where you enter the name of the printer you want to migrate to.

The To Print Server text box is where you enter the name of the server you want to migrate to. NOTE: Server names must be entered as NetBIOS names, not DNS-style names for this feature to work properly.

The Save button saves the current values in the From Printer, From Print Server, To Printer and To Print Server text boxes to the Print Server and Printer Pairs area. If this is a new pair, a new row is added to the Print Server and Printer Pairs area and the values added. If a row was previously selected from the Print Server and Printer Pairs area, the Save button will replace the old values on the selected row with the new ones.

The New button clears the From Printer, From Print Server, To Printer and To Print Server text box.

The Print Server and Printer Pairs area lists the currently configured From Printer, From Print Server, To Printer and To Print Server entries. Selecting an existing row in the Print Server and Printer Pairs area causes the From Printer, From Print Server, To Printer and To Print Server values of the selected row to be placed in the respective text boxes.

The Delete button deletes the currently selected row from the Print Server and Printer Pairs area. If no rows are selected, nothing is deleted, though the From Printer, From Print Server, To Printer and To Print Server text boxes are cleared.

10. Editing Notification Methods

This section of the User's Guide will describe how to use the Notification specific screens of the Move My Printers Deployment Toolkit to edit the various notification methods. Note, you may use all of the following notification methods or you may choose to use none. The Move My Printers Engine will work either way, just keep in mind that if you choose not to use any of the notification methods, you will not know if/when the Move My Printers Engine has succeeded or failed.

10.1 Selecting a Notification Method

When selecting a notification method(s) it is important to understand your environment and network before configuring this section. Some items to consider:

- What is the current load of emails on my exchange server? When using the SMTP Email notification method you will generate one email for every machine that executes the Move My Printers Engine, is your email server ready? Further is your email box ready to handle all of the new emails you are about to receive. As a best practice, we suggest that you establish one email account within your domain to collect all of the Move My Printers email notifications enabling you to centralize this process.
- How much free space is available on each client machine versus file servers? Move My Printers has the ability to save file output to either each client machine, or to a centralized file share folder. Both options have their uses: if you want to distribute the resource consumption for file outputs, you will want to use a folder on the client machine. This reduces the amount of network file share space required by placing the file output in a local folder on each client machine. Note, the same folder must be on every machine when this option is used. If you want to centralize your file outputs and do not have a file share disk space issue, you can configure the Move My Printers Engine to store all file output in a network file share.
- Will your users expect some graphical feedback or will they be annoyed by visual notifications? Given the method of deployment, it is a best practice to use the Client Pop-up method when a user is executing the Move My Printers Engine as an interactive session (i.e. a web page or a shortcut link to the batch file). When ever the user has interacted with the deployment method they will expect some visual feedback when the process is done. When ever the Move My Printers Engine is executed in a passive mode (i.e. login script, SMS package), it is a best practice to not provide a Client Pop-up. A pop-up will be distracting and the client will not even know that the process is occurring.
- Do you currently have an event log tracking tool? The Move My Printers Engine can be configured to log events to the application log. Given an event log gathering and analysis tool the application event log can be mined to identity the outcome of each Move My Printers Engine execution.

10.2 Using the SMTP Email Method

This method of notification is useful when you want to have an email sent to an administrator or help desk person responsible for printing (or a group of them) when a Move My Printers Configuration file has been executed on a client computer. The email will contain an inventory of the printers found on the client computer as well as any printers that were migrated. Note that an email is sent for each client computer and for each execution, regardless of the outcome.

NOTE: If an email fails to be sent for any reason, the contents of the email will be saved to a file in the folder where the Move My Printers Engine was launched (it does not use the path specified in the Notification – File Output screen). If there aren't sufficient permissions to that folder (file system, share, or IIS), an event will be written to the Application Log instead.

The screenshot shows the 'Notification - SMTP Mail' configuration window. On the left is a tree view with the following structure:

- General
- Manual Configuration
 - Servers
 - Printers
 - Mixed
- Notification (selected)
 - SMTP Mail (selected)
 - File Output
 - Client User Pop-Up
 - Application Event Log
- Deployment
- Registration
- Support

The main configuration area is titled 'Notification - SMTP Mail' and contains the following fields and controls:

- Notify via email
- SMTP Server Name or IP: [Text Box]
- SMTP Server Port: [Text Box] 25
- Email Subject: [Text Box]
- Send Email To: [List Box] [Add] [Remove]
- From Email Address: [Text Box]
- [Help] [Next] [Back]

Figure 10-1: Notification – SMTP Mail Screen

The Notify via email checkbox controls if email notification is used in this Configuration file. By default, email is not used as a notification method. NOTE: All of the other options on this screen will be disabled until this checkbox is selected.

The SMTP Server Name or IP text box is where the name or IP address of the SMTP server used for sending the email is entered. The SMTP server name can be entered as the FQDN (i.e. mail.mydomain.com) or if the SMTP server is on the intra-net the NetBIOS (i.e.

myservname) name. The SMTP IP address may only be entered in decimal (i.e. 255.255.255.255). NOTE: Move My Printers email configuration does not support authentication on the SMTP connection. You must connect to an SMTP server that DOES NOT REQUIRE a username or password. The use of an intranet SMTP server is suggested if you want to use this option.

The SMTP Server Port text box is where the port number used by the SMTP server is entered. By default, this value is set to 25 (the port normally used for SMTP).

The Email Subject text box is where the text you want to appear in the subject line of the emails is placed.

The Send Email To text box is where email address(es) are entered for those to be notified. Just below the Send Email To text box is a list of email addresses that have been previously entered. An email will be sent to each of the email addresses listed.

The Add button saves the current Send Email To value into the area below the Send Email To text box.

The Remove button deletes the currently selected Send Email To value from the list. NOTE: The Send Email To text box and the area below it doesn't offer the ability to edit email addresses already in the list. To edit an existing email address, please remove the old address and then add the new email address.

The From Email Address control is where you can enter the email address that will appear in the "From" section of the email. This email address does not have to exist (though some email systems may verify the sender before delivering the email).

10.3 Using the File Output Method

This method of notification is useful when you want to have all notifications saved to a file folder or centralized file system location. Each file will contain an inventory of what printers were found on the client computer and any printers that were migrated. Note that a file is saved for each client computer and for each execution whether the outcome was successful or not.

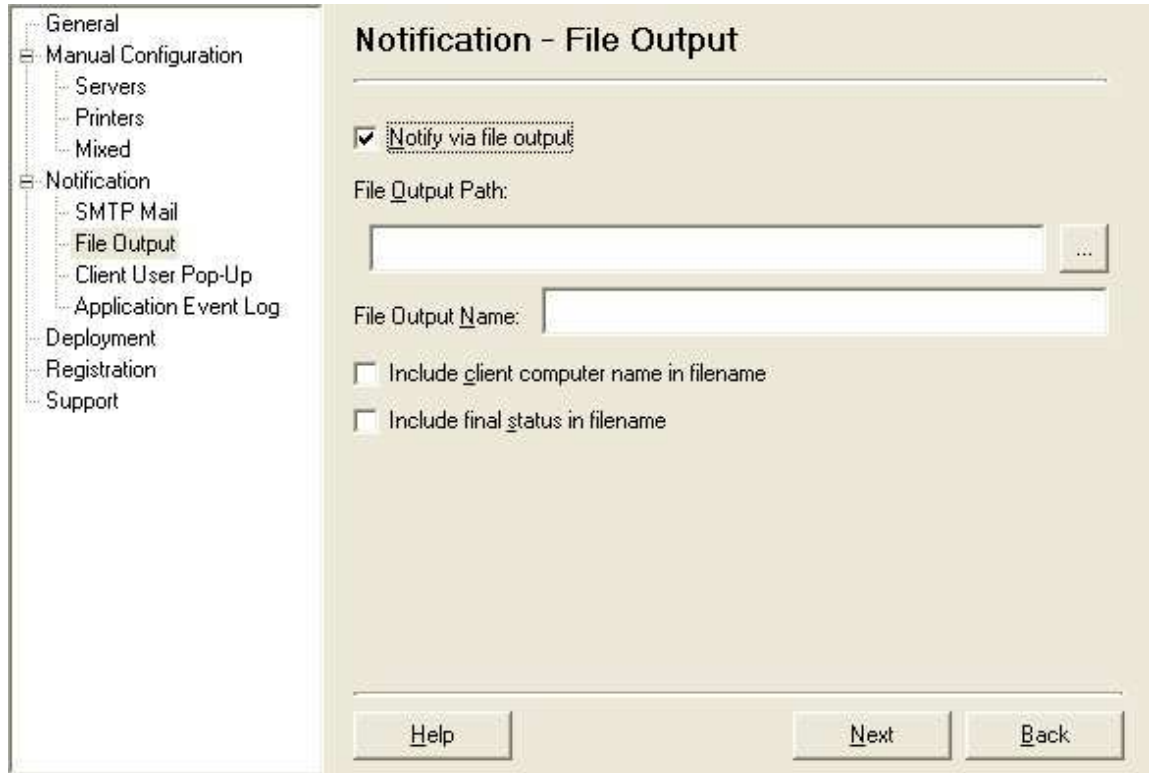


Figure 10-2: Notification – File Output Screen

The Notify via file output checkbox controls if file output notification is used with this Configuration file. By default, file output is not used as a notification method. NOTE: All other controls on this screen will be disabled until this checkbox is selected.

The File Output Path text box is where the full path to the file folder that will contain the file output notifications is entered. By using the ellipses (“...”) at the end of this text box, you can browse for the location instead of typing it in. The file output path does not have to be a network share folder. You can select to have the file output saved in a local folder (for example, C:\TMP) on each client machine, but that path must be valid on all client machines or the file-based notification will fail in those cases where the path is not valid. NOTE: the user must have Read & Write access to the folder, both at the network share level (if it is stored there) and at the file system level.

The File Output Name text box is where the base part of the name of the file desired is entered. The base name can be extended by checking either (or both) checkboxes on this screen. This name can be used to identify which configuration was used during the execution. For example, if the Configuration file was designed to move Printer A to Printer B, the File Output Name could be “PrinterAToPrinterB.txt”. TIP: As a best practice, we recommend that the File Output Name and the Configuration file name be the same or related to each other to aid in tracking multiple configurations. A file extension is not required, but will be helpful when you want to view the contents of the file later. NOTE: no default extension is given to the file output file.

The Include client computer name in filename? checkbox controls whether or not the name of the client computer is added to the base File Output Name. This option is useful when looking for a failure report in a folder where there are a large number of file outputs and the name of the computer is known.

The Include file status in filename? checkbox determines if the Move My Printers Engine status (which is always either “Success” or “Failure”) is added to the base File Output Name. This option is useful when looking for all failures in a file folder where there are a large number of file outputs.

10.4 Using the Client Pop-up Method

This method of notification is useful when you want to have a visual confirmation on the client machine that the Move My Printers Engine has completed. Because the Move My Printers Engine is a “headless” application, meaning that it has no Graphical User Interface (GUI), the user on the client PC can not see when the Move My Printers Engine is complete. You can provide feedback to the user by displaying a success and/or failure message at the end of the Move My Printers Engine execution. The message is displayed to the client as a standard message box with the message entered here and an “OK” button.

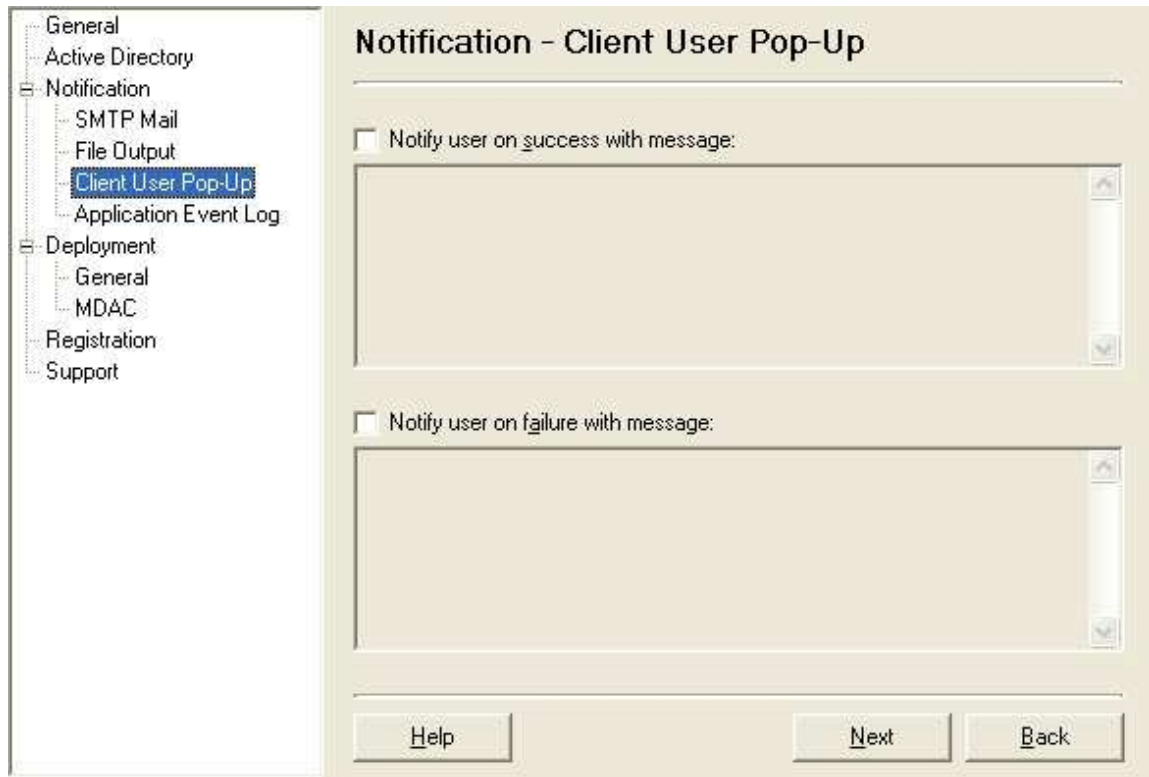


Figure 10-3: Notification – Client User Pop-up Screen

The Notify user on success with message checkbox determines whether or not the client will see a pop-up message when the Move My Printers Engine executes with successfully (i.e. no errors). NOTE: The success message text box will be disabled until this checkbox is selected. The text box just below the Notify user on success with message checkbox, is the success message text box, where the message that will be displayed when the Move My Printers Engine executes successfully is entered. The success message text box will accept multiple line messages.

The Notify user on failure with message checkbox determines whether or not the client will see a pop-up message when the Move My Printers Engine encounters one or more errors in migration (ie. failure status). NOTE: The failure message text box will be disabled until this checkbox is selected. The text box just below the Notify user on failure with message checkbox is the failure message text box where the message that will be displayed when the Move My Printers Engine encounters any errors. The failure message text box will accept multiple line messages.

10.5 Using the Application Event Log Method

This method of notification is useful when you want to log the Move My Printers Engine execution status to the client computer's application event log. The event log is a built in mechanism within Windows that records information from various sources. There are several applications that will gather and report on information within the event logs that can be used with this option. The event log data will contain an inventory of the printers that were found on the client computer and any printers that were migrated. NOTE: A separate event will be logged on each client computer for each execution whether the outcome was a success or failure. Successes will appear as information events and failures will appear as warning events in that log.

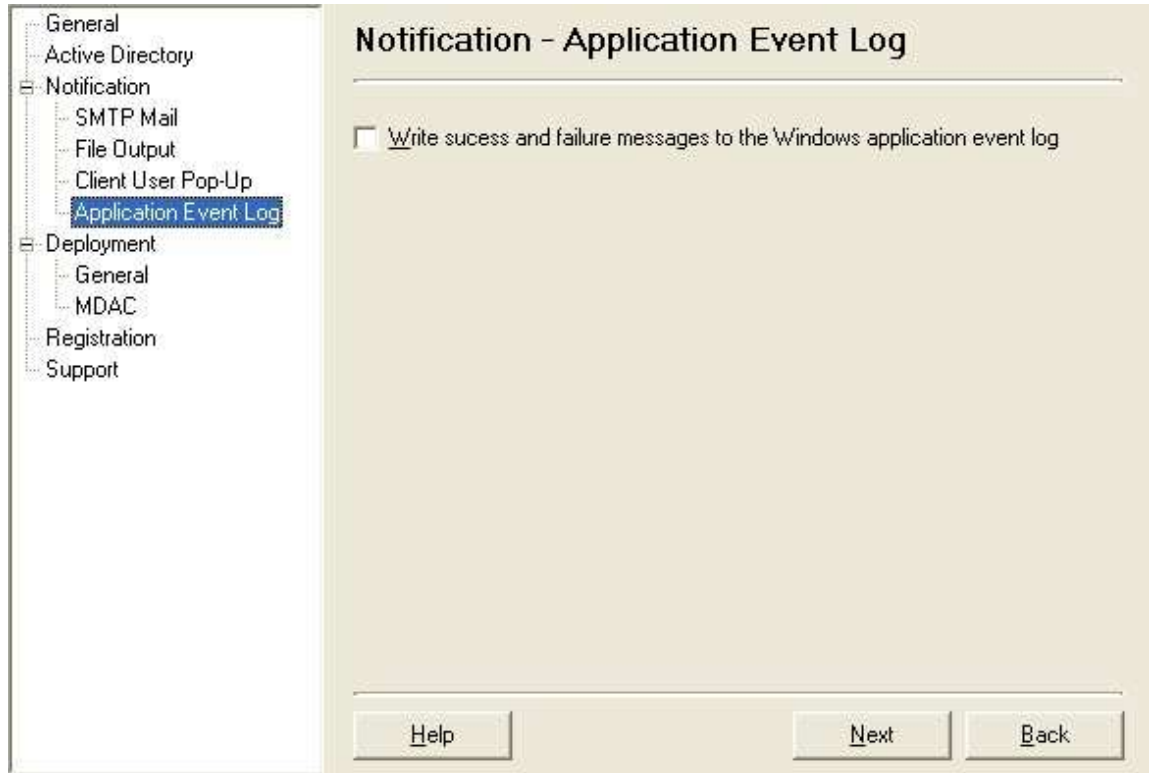


Figure 10-4: Notification – Application Event Log Screen

The Write success and failure messages to the application event log checkbox determines whether or not the Move My Printers Engine will log an event in the application event log upon completion.

11. Editing Maintenance Options

This section of the User's Guide will describe how to use the Maintenance specific screens of the Move My Printers Deployment Toolkit to edit the Prune and Populate Maintenance methods. Note, you may use both of the following maintenance methods or you may choose to use neither. The Move My Printers Engine will work either way, just keep in mind that you must specify either a migration or a maintenance activity before the INI file can be saved.

11.1 Using the Populate Method

Not all client printer migrations require the deletion of an old printer when a new printer needs to be added. The Move My Printers Populate method is used to achieve this type of operation. Use the Populate method to add a new local or networked printer without having to first delete an old printer.

The screenshot shows the 'Maintenance - Populate' window. On the left is a navigation tree with 'Populate' selected under the 'Maintenance' category. The main window has a title bar 'Maintenance - Populate'. Below the title bar is a dropdown menu for 'Active Directory:' with 'Select' and 'Refresh' buttons. Below that is a dropdown menu for 'Type:' set to 'Networked'. There are text input fields for 'Server Name:' and 'Printer Name:'. A large empty list box is in the center. On the right side of the list box are 'Save', 'New', and 'Delete' buttons. At the bottom of the window are 'Help', 'Next', and 'Back' buttons.

Figure 11-1: Maintenance Populate Screen

When the INI file type is set to Active Directory, the Active Directory drop down list will be filled with a list of available Active Directory network printers. To set one of the Active Directory printers for population, select the printer from the drop down list and press the Select

button. The printer name and server will be automatically filled into the Server Name and Printer Name text boxes. Press the Save button to save the selected Active Directory printer to the list. If the printer you are looking for is not listed in the drop down list, you may need to press the Refresh button to reload the Active Directory list. NOTE: If you change the Active Directory domain name on the Active Directory screen you will be prompted to refresh you list automatically.

When the INI file type is to Manual Configuration, the Active Directory drop down list will not be available. To select a networked printer for population, select Networked from the Type drop down, enter the server name in the Server Name textbox; enter the printer name in the Printer Name textbox and then press the Save Button to add the server and printer to the list. Note: when adding a networked printer to a Windows 95/98/ME client machine you must complete the driver information on the Driver Screen. For all other operating systems, the driver will be pulled automatically from the print server.

To add a local printer only, select Local from the Type drop down, enter the printer name in the Printer Name textbox and press the Save button. Note: when adding a local printer you must complete the driver information on the Drive Screen. Note: when the Type drop down list is set to Local the Server Name textbox will be disabled and the value "." (period) will be inserted. This is a special value that Move My Printers uses to indicate this is a local printer addition.

To remove a previously saved Populate item, select the Populate Item and then press the Delete button.

To edit a previously saved Populate item, select the Populate Item, change any values available in the printer and server name textboxes and then press the Save button.

11.2 Using the Prune Method

Not all client printer migrations require the adding of a new printer when an old printer has been removed from the network. The Move My Printers Prune method is used to achieve this type of operation. Use the Prune method to identify a client's local or networked printer for deletion without having to specify a new printer to add.

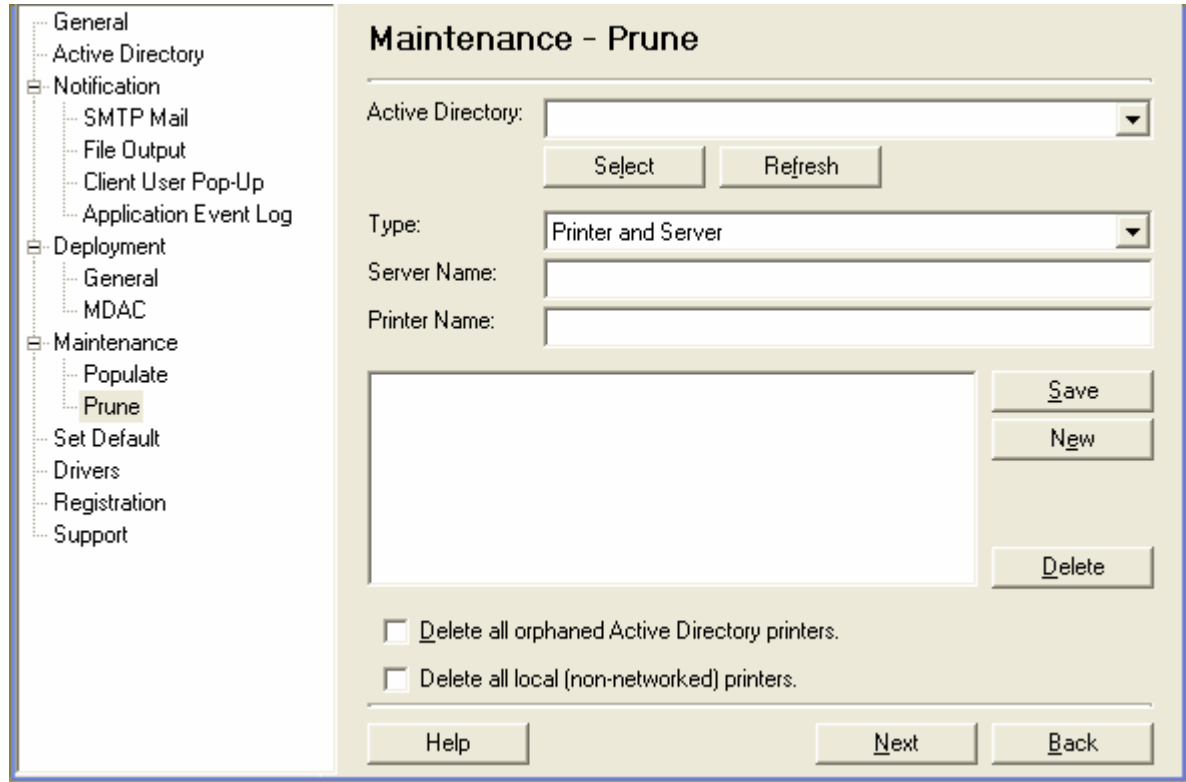


Figure 11-2: Maintenance Prune Screen

When the INI file type is set to Active Directory, the Active Directory drop down list will be filled with a list of available Active Directory network printers. To set one of the Active Directory printers for deletion, select the printer from the drop down list and press the Select button. The printer name and server will be automatically filled into the Server Name and Printer Name text boxes. Press the Save button to save the selected Active Directory printer to the list. If the printer you are looking for is not listed in the drop down list, you may need to press the Refresh button to reload the Active Directory list. NOTE: If you change the Active Directory domain name on the Active Directory screen you will be prompted to refresh the list automatically.

When the INI file type is to Manual Configuration, the Active Directory drop down list will not be available. To select a networked printer for deletion, select Printer and Server from the Type drop down, enter the server name in the Server Name textbox; enter the printer name in the Printer Name textbox and then press the Save Button to add the server and printer to the list.

To delete a local printer by printer name, select Local Printer Only from the Type drop down list, enter a printer name in the textbox and press the Save button. This configuration will delete a printer by name only if the printer is a local printer. To delete all local printers regardless of the name, select the Delete all local (non-networked) printers checkbox. Note: when the Type drop down list is set to Local Printer Only the Server Name textbox will be disabled and the

value “.” (period) will be inserted. This is a special value that Move My Printers uses to indicate this is a local printer deletion.

To delete a networked printer by printer name only, select Networked Printer Only from the Type drop down list, enter a printer name in the textbox and press the Save button. This configuration will delete a printer by name only if the printer is a networked printer. Note: when the Type drop down list is set to Networked Printer Only the Server Name textbox will be disabled and the value “*” (asterisk) will be inserted. This is a special value that Move My Printers uses to indicate that it will delete the printer name regardless of server name.

To delete a local or networked printer by printer name only, select Local and Networked Printer Only for the Type drop down list, enter the printer name in the textbox and press the Save button. This configuration will delete a printer by name if the printer is a local or networked printer. Note: when the Type drop down list is set to Local and Networked Printer Only the Server Name textbox will be disabled and the value “.*” (period followed by an asterisk) will be inserted. This is a special value that Move My Printers uses to indicate this is a local and networked printer deletion.

To delete a networked printer by server name only, select Server Only for the Type drop down list, enter the server name in the Server Name textbox and press the Save button. This configuration will delete any printer where the server name matches the Server Name entered into the textbox. Note: when the Type drop down list is set to Server Only the Printer Name textbox will be disabled and the value “*” (asterisk) will be inserted. This is a special value that Move My Printers uses to indicate all printers on this server will be deleted regardless of the printer name.

To remove a previously saved Prune item, select the Prune Item and then press the Delete button.

To edit a previously saved Prune item, select the Prune Item, change any values available in the printer and server name textboxes and then press the Save button.

When the INI file type is Active Directory, the Prune method can automatically determine if a networked printer has been deleted from the Active Directory then delete the orphaned printer from the client machine by selecting the Delete all orphaned Active Directory printers checkbox.

12. Editing the Set Default Option

This section of the User's Guide will describe how to use the Set Default specific screen of the Move My Printers Deployment Toolkit to set the different set default methods.

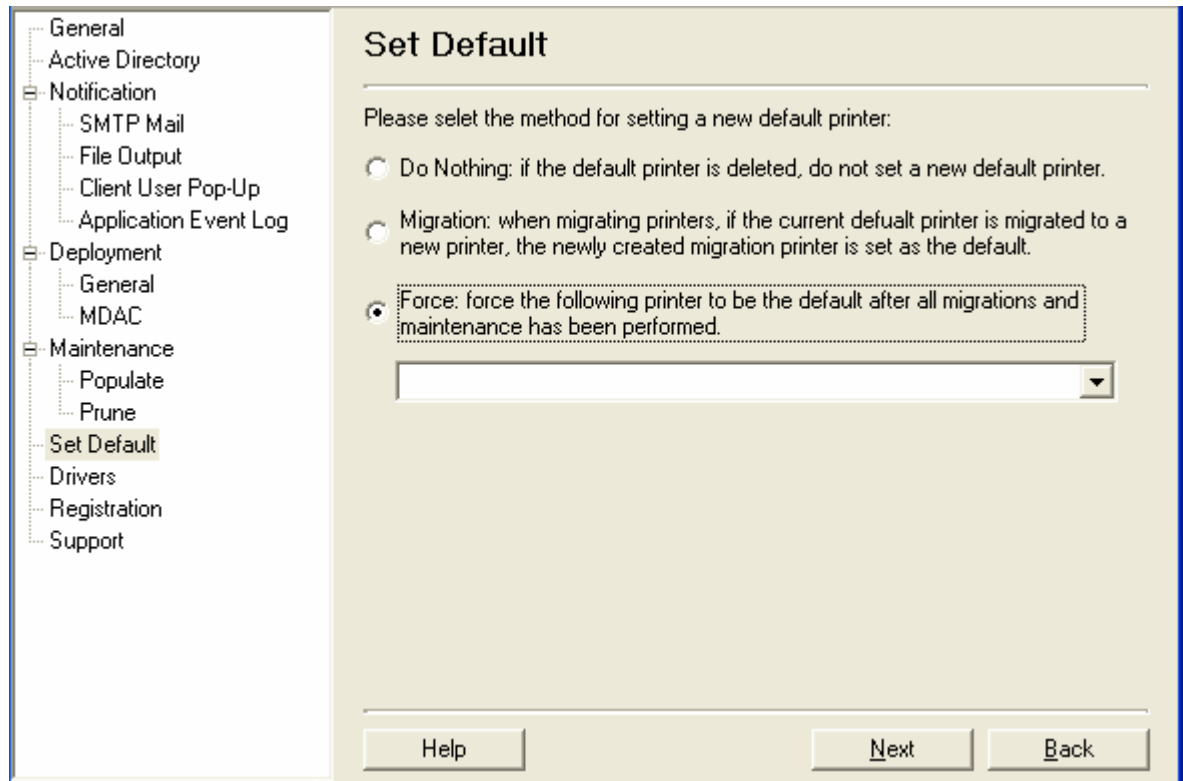


Figure 12-1: Set Default Screen

When Move My Printers is migrating or maintaining printers the default printer might be deleted. To ensure that a user will still have a default printer use one of the follow three options:

To do nothing, select the Do Nothing option. When the default printer is deleted, a new default printer is not selected. This option allows the client machine's user the opportunity to select which printer will be their new default.

To set the new default printer based on the migration process, use the migration option. When the default printer is deleted, the printer that replaces the old printer will be set to the default printer. This option provides a seamless transition from one printer to the next when a migration is performed.

To set the new default printer to a specific printer, regardless of the migration or maintenance process, select the Force option. Whether the default printer is deleted or not, the new default printer will be forced to the printer selected in the Force printer drop down list.

13. Editing Driver Information Options

This section of the User's Guide will describe how to use the Driver Information specific screen of the Move My Printers Deployment Toolkit to set the print driver information for any printers which are added during the Move My Printer Engine process.

The screenshot shows the 'Drivers' configuration window. On the left is a navigation tree with 'Drivers' selected. The main window has a title bar 'Drivers' and a text area explaining the 'Populate' feature. Below the text are input fields for 'Printer Name' (filled with 'PRINTER THREE'), 'Driver Name', 'Driver File Name (optional)', and 'Port Name (local printers only)'. A list box shows 'PRINTER THREE' selected and 'PRINTER TWO' below it. A 'Save' button is to the right of the list. At the bottom is a 'Driver Share Path' field with a browse button. Navigation buttons 'Help', 'Next', and 'Back' are at the bottom of the window.

Figure 13-1: Driver Information Screen

When first entering the Drivers information screen, the list of printer names will be automatically populated with all unique printer names which could possibly be added during the Move My Printers Engine execution using this INI file. By selecting any one printer name the Printer Name textbox will be filled. The Printer Name textbox is read-only.

Once selected, you can enter the information for this specific printer. Enter the name of the driver you want this printer to use into the Driver Name textbox. Note: the name of the driver can be obtained by using the My Print Driver Information application.

Enter the name of the driver file you want this printer to use into the Driver File Name textbox. When adding a printer where the print driver is already installed on the client machine, the Driver File Name is not required. This scenario is most common when you are replacing one

printer with the same type of printer, just a different name. The Move My Printers Engine will first attempt to add the printer using the Driver Name only. If this step fails, the Move My Printers Engine will check to see if a Driver File Name has been entered, attempt to copy the file from the path specified in the Driver Share Path textbox, install the driver and then attempt to add the printer again. Note: the name of the Driver File can be obtained by using the My Print Driver Information application. Also note that the Driver Share Path is the same path for all Driver Files. You can not specify a different path for each Driver file. Using the Copy Drivers feature of the My Print Driver Information application can greatly simplify the process of gathering all print drivers into one folder.

When adding local printers only, it is required to enter a port name into the Port Name textbox. Typically the port name is going to be "LPT1" or "LPT2" ... The port name is the physical hardware port you are going to connect the printer. Note: in a networked environment you can have multiple printers connected on the same port.

14. Deploying the Configuration File

This section of the User's Guide will describe how to use the Deployment specific screens of the Move My Printers Deployment Toolkit to edit the various deployment methods.

14.1 Deployment Methods

When it is time to deploy your configuration file there are several methods to consider. How do you want your clients to execute the Move My Printers Engine? What deployment option will help to reduce the amount of errors and help desk support calls?

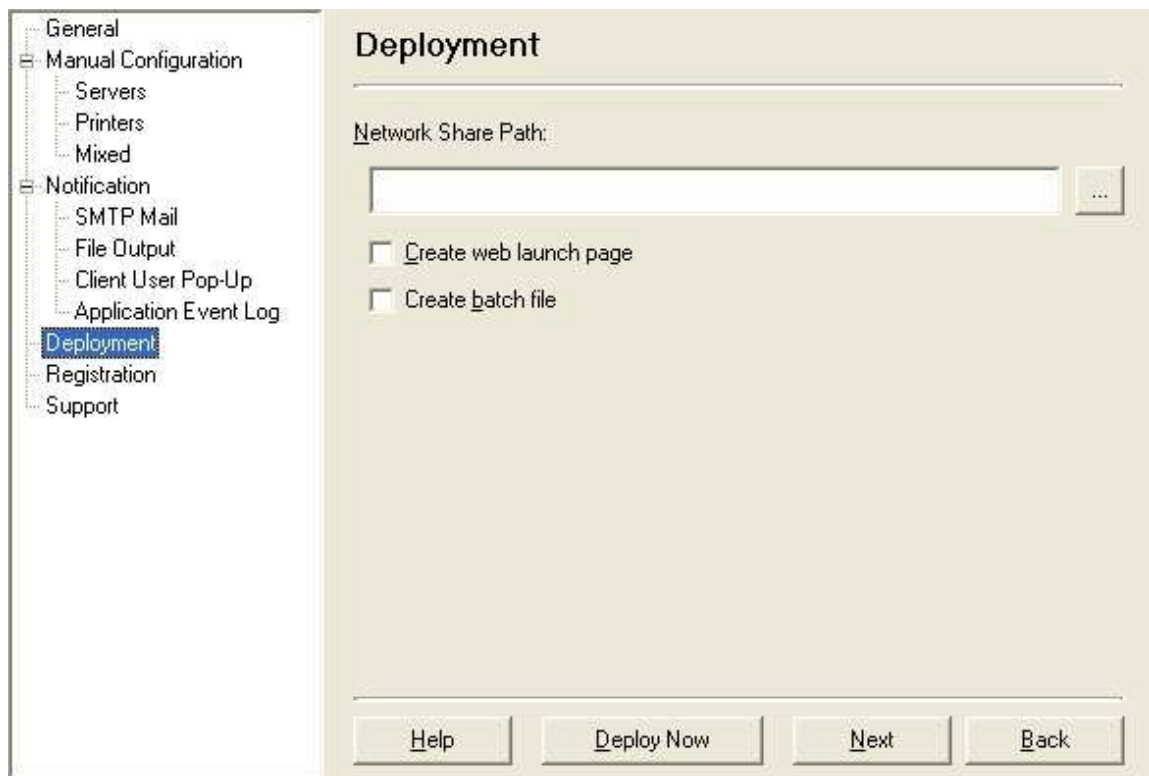


Figure 14-1: Deployment Screen

Once all deployment decisions have been made, the Deploy Now button initiates the Move My Printers deployment feature. During the deployment, a progress window will appear to provide information on the deployment progress. During the deployment process, Move My Printers will copy all Move My Printers application files, the Configuration file, the web page and/or batch files, and the support files needed to operate the Move My Printers Engine.

14.1.1 Generic Deployment

The Generic Deployment option is the most basic deployment possible. In this method only the Move My Printers Engine and the Configuration INI file are copied to a network share. Given the simplicity of the deployment, this option is best when you have power users or you are testing the Configuration INI file options. Most client users would not know what to do with this deployment option output.

14.1.2 HTML Deployment

The Create web launch page checkbox determines whether or not a web page file is created in the deployment folder. The web page file that is created will contain simple instructions for the users to migrate the printers using Move My Printers. The web launch page option is useful if you have a few users that need to have printers moved, during testing of possible migrations, and for those that may not have experience with login scripts and DOS batch files. You can deploy your Configuration file to a web folder, send an email to instruct users to visit the deployment web page, then the users can follow the instructions to have their printers migrated. The web page file is also fully customizable for any internal processes, logos, etc. that are desired.

14.1.3 Batch File Deployment

The Create batch file checkbox controls the creation of a standard DOS batch file in the deployment folder. The batch file includes comments and command line programming to execute the Move My Printers application. The batch file option is useful when using a logon script or to send users to a file share where they can execute the Move My Printers application.

15. Identifying Print Drive Information

This section of the User's Guide will describe how to use the My Print Driver Information application. The My Print Driver Information application was designed to assist in identifying the driver name, driver file name and the path to the print driver on a print server.

When using the Move My Printers Engine on a Windows 95/98/ME machine or when adding a printer locally to a client machine, the engine must know the driver name, driver file name and at least a read-only path to the driver file.

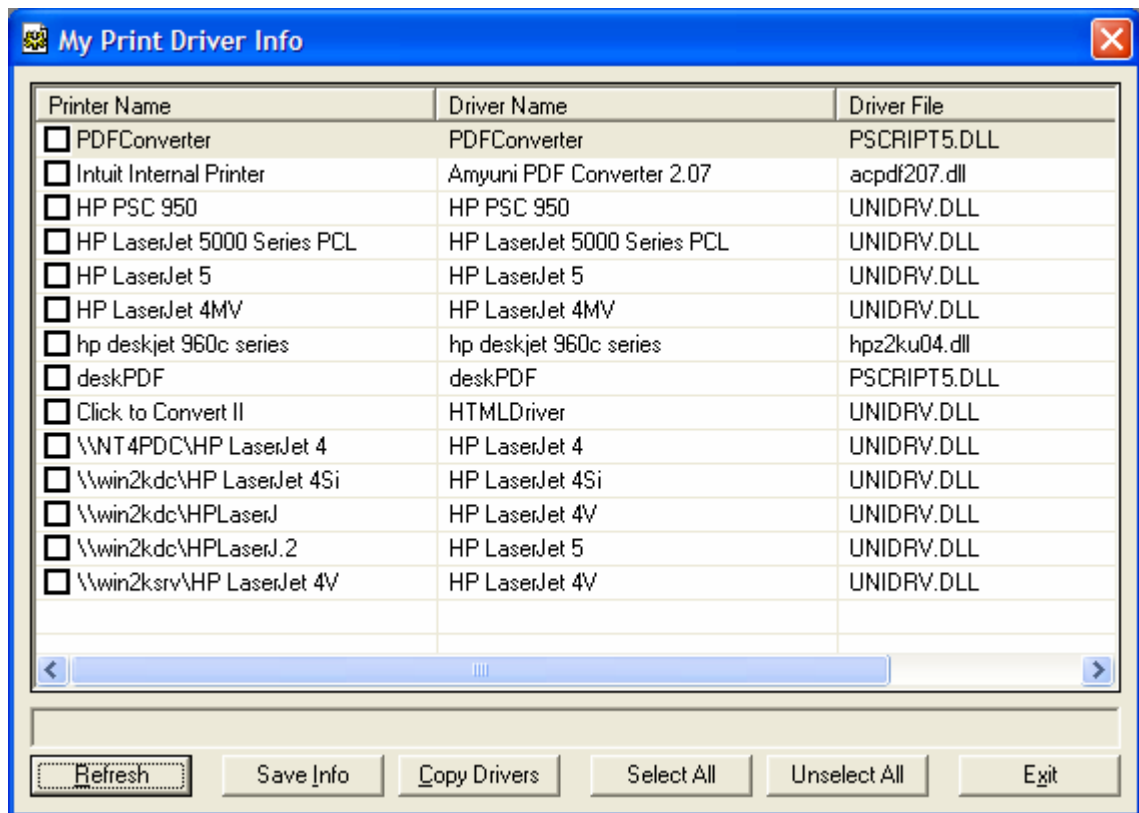


Figure 15-1: My Print Driver Information Window

When the My Print Driver Information application is executed, the application will display all of the printers installed on the local machine (usually a print server). Note, when the My Print Driver Information application is looping it may appear that the application is not loading if a listed printer is not online or invalid.

To reload the list of print drivers after the application has loaded, press the Refresh button.

To save the selected information displayed in The My Print Driver Information application, press the Save Info button. The Save Info button will display the File Save dialog where you can change folders and enter a file name. The Save Info feature saves the print driver information in Comma Separated Values (CSV) format.

To copy the selected print driver files to a specified folder, press the Copy Driver button. The Copy Driver Button will display the Choose Folder dialog where you can change folders and select a local or networked folder where the print drivers can be copied. This feature can be used to place all of the needed drivers for a specific INI file into one folder that the Move My Printers Engine can use. Note: the use of a share folder is entered into the Driver Screen within the Move My Printers Deployment Toolkit.

To select all of the drivers press the Select All button. To unselect all or the drivers press the Unselect All button.

16. Editing the Configuration File Directly

This section of the User's Guide will describe how to edit a Configuration INI file directly. When ever the Move My Printers Deployment Toolkit is not available on the machine you are currently working, you can always edit the Configuration INI file directly in a text editor.

16.1 [GENERAL] Section

The [GENERAL] Section of the INI Configuration file contains the values entered on the General Configuration Screen of the Move My Printers Deployment Toolkit.

The UseActiveDirectory property stores the value that determines if this Configuration file is going to use Active Directory to move printers. Valid values for this property are "True" and "False" For example:

```
UseActiveDirectory=True
```

The UseManualDefinitions property stores the value that determines if this Configuration file is going to use Manual configuration data to move printers. Valid values for this property are "True" and "False" For example:

```
UseManualDefinitions=False
```

NOTE: The UseActiveDirectory and UseManualDefinitions properties are mutually exclusive. If both properties are set to "True", Move My Printers assumes you want to use Active Directory.

The AlwaysRun property stores the value that instructs the Move My Printers Engine to always execute this Configuration file, even if a previous successful execution has occurred. Valid values for this property are "True" and "False" For example:

```
AlwaysRun=True
```

The ShowProgress property stores the value that instructs the Move My Printers Engine to show the engine progress window. This window is helpful when testing or if you need a visual feedback on the progress of the Move My Printer Engine. Valid values for this property are "True" and "False" For example:

```
ShowProgress=True
```

16.2 [ACTIVE DIRECTORY] Section

The [ACTIVE DIRECTORY] Section of the INI Configuration file contains the value entered on the Active Directory Configuration Screen of the Move My Printers Deployment Toolkit.

The DomainName property stores the Active Directory domain name. The valid value for this property is any valid domain name within your network. The domain name may be either the NetBIOS (i.e. MyDomain) or DNS (i.e. MyDomain.com) name. NOTE: Only ONE domain is allowed. For example:

DomainName=MyDomain

16.3 [MANUAL DEFINITIONS SERVERS] Section

The [MANUAL DEFINITIONS SERVERS] Section of the INI Configuration file contains the values entered on the Manual – Server to Server Screen of the Move My Printers Deployment Toolkit.

The FromServers property stores the source print server(s) used in a manual migration of printers between servers. Valid values for this property are any valid print server names within your network. Each of the values MUST be separated by a comma. Spaces within the server names are allowed. For example:

FromServers=PrintServerA,PrintServerB

The ToServers property stores destination print server(s) used in a manual migration of printers between servers. Valid values for this property are any valid print server names within your network. Each of the values MUST be separated by a comma. Spaces within the server names are allowed. For example:

ToServers=PrintServerC,PrintServerD

NOTE: There must be matching pairs between the FromServers and ToServers (i.e. if 3 servers are listed in FromServers, 3 servers must also be listed in ToServers). If matching pairs are not found in these two properties, Move My Printers will skip this migration type.

NOTE: Server names must be entered as NetBIOS names, not DNS-style names for this feature to work properly.

16.4 **[MANUAL DEFINITIONS PRINTERS] Section**

The [MANUAL DEFINITIONS PRINTERS] Section of the INI Configuration file contains the values entered on the Manual – Printer to Printer Screen of the Move My Printers Deployment Toolkit.

The FromPrinters property stores the source printer(s) used in a manual migration of printers (on the same server). Valid values for this property are any valid printer names within your network. Each of the values MUST be separated by a comma. Spaces within the printer names are allowed. For example:

```
FromPrinter=PrinterA,PrinterB
```

The ToPrinters property stores the destination printer(s) used in a manual migration of printers (on the same server). Valid values for this property are any valid printer names within your network. Each of the values MUST be separated by a comma. Spaces within the server names are allowed. For example:

```
ToPrinter=PrinterC,PrinterD
```

NOTE: There must be matching pairs between the FromPrinter and ToPrinter (i.e. if 3 printers are listed in FromPrinters, 3 printers must also be listed in ToPrinters). If matching pairs are not found in these two properties, Move My Printers will skip this migration type.

16.5 **[MANUAL DEFINITIONS MIXED] Section**

The [MANUAL DEFINITIONS MIXED] Section of the INI Configuration file contains the values entered on the Manual – Mixed Printer and Server Screen of the Move My Printers Deployment Toolkit.

The FromServers property stores the source print server(s) used in a manual migration of printers between both print servers and printers. Valid values for this property are any valid print server names within your network. Each of the values MUST be separated by a comma. Spaces within the server names are allowed. For example:

```
FromServers=PrintServerA,PrintServerB
```

The FromPrinters property stores the source printer(s) used in a manual migration of printers between both print servers and printers. Valid values for this property are any valid printer names within your network. Each of the values MUST be separated by a comma. Spaces within the printer names are allowed. For example:

FromPrinter=PrinterA,PrinterB

The ToServers property stores the destination print server(s) used in a manual migration of printers between both print servers and printers. Valid values for this property are any valid print server names within your network. Each of the values MUST be separated by a comma. Spaces within the server names are allowed. For example:

ToServers=PrintServerC,PrintServerD

The ToPrinters property stores the destination printer(s) used in a manual migration of printers between both print servers and printers. Valid values for this property are any valid printer names within your network. Each of the values MUST be separated by a comma. Spaces within the server names are allowed. For example:

ToPrinter=PrinterC,PrinterD

NOTE: There must be matching pairs between the FromServer, FromPrinter, ToServer and ToPrinter. If matching pairs are not found in these four properties, Move My Printers will skip this migration type.

NOTE: Server names must be entered as NetBIOS names, not DNS-style names for this feature to work properly.

16.6 [NOTIFICATION SMTP] Section

The [NOTIFICATION SMTP] Section of the INI Configuration file contains the values entered on the Notification – SMTP Email of the Move My Printers Deployment Toolkit.

The UseSMTP property sets whether or not the Move My Printers Engine will use the SMTP Email notification option. Valid values for this property are “True” and “False”. If the UseSMTP value is “False”, the remaining property values in this section will be ignored. For example:

UseSMTP=True

The SMTPServerNameOrIP property stores the name or IP address of the SMTP server used to send email. The valid value for this property is any valid SMTP server name or the IP address of any SMTP server within your network. For example:

SMTPServerNameOrIP=MySMTPServer

The ServerPort property contains the port used by the SMTP server to send and receive email. The valid value for this property is any valid port number (in decimal), as long as it matches the value used on your SMTP server. Typically, the server port is 25, but this value can be changed if required. For example:

ServerPort=25

NOTE: Move My Printers does not have the ability to pass a name and a password to the specified SMTP server for authentication, so the server must NOT require authentication or email notifications will not function.

The EmailSubject property contains one line of text that will be the subject line of the email. The valid value for this property is any valid text message that does not go more than one line. This property does not support multi-line messages. For example:

EmailSubject=This is an email subject line message.

The EmailFrom property contains the email address shown in the FROM section of an email. The valid value for this property is any valid email address. For example:

EmailFrom=me@mycompany.com

NOTE: The Move My Printers Engine does not validate email addresses before sending the email notification. If the email address is incorrect or does not exist, Move My Printers will not know.

The EmailTo property stores any number of email addresses that appear in the TO section of an email. Valid values for this property are any valid email address. Each of the values MUST be separated by a comma. For example:

EmailTo=you@mycompany.com,them@theircompany.com

NOTE: The Move My Printers Engine does not validate email addresses before sending the email notification. If the email addresses are incorrect or do not exist, Move My Printers will not know.

16.7 [NOTIFICATION FILE OUTPUT] Section

The [NOTIFICATION FILE OUTPUT] Section of the INI Configuration file contains the values entered on Notification – File Output Screen and the Notification – Application Event Log Screen of the Move My Printers Deployment Toolkit.

The UseFileOutput property controls whether or not the Move My Printers Engine will use the File Output notification option. Valid values for this property are “True” and “False”. If the UseFileOutput value is “False”, the remaining property values relating to file-based notifications will be ignored (though, the value of WriteToEventLog will still be processed). For example:

```
UseFileOutput =True
```

The FileOutputPath property stores the path to the output folder. The valid value for this property is any valid path on a local machine or on a network share. For example:

```
FileOutputPath = \\MyServer\SharedFolder
```

NOTE: Read & Write permissions are required to this path, both through the network share (if it is used) and on the file system.

The FileOutputName property stores the base name of the file to be saved. The computer name and/or outcome may be added to this base name. Valid values for this property are any valid file name. For example:

```
FileOutputName = MyFile.txt
```

NOTE: The file name does not have a default extension. The output file is standard text, thus any textual file extension (such as .txt) will make for easy viewing.

The IncludeComputerName property determines if the Move My Printers Engine will add the computer name to the base name specified in the FileOutputName parameter. Valid values for this property are “True” and “False. For example:

```
IncludeComputerName =True
```

The IncludeOutcome property determines if the Move My Printers Engine will include the outcome of the Move My Printers Engine execution (either “Success” or “Failure”) and add it to the base name specified in the FileOutputName parameter. This value will always be “Success” or “Failure”. Valid values for this property are “True” and “False. For example:

IncludeOutcome =True

NOTE: If both the IncludeComputerName and IncludeOutcome flags are set to "True" the final output file name will appear as "<Computer Name>_<Outcome>_<FileOutputName>".

The WriteToEventLog property controls whether or not the Move My Printers Engine logs an event to the application event log when execution is completed. Valid values for this property are "True" and "False". An informational event will be created if the status is "Success" and a warning event will be created if the outcome is "Failure". For example:

WriteToEventLog =True

16.8 [NOTIFICATION CLIENT POP-UP] Section

The [NOTIFICATION CLIENT POP-UP] Section of the INI Configuration file contains the values entered on the Notification – Client Pop-up of the Move My Printers Deployment Toolkit.

The UseClientPopup property determines whether or not the Move My Printers Engine will use the Client Pop-up notification option. Valid values for this property are "True" and "False". If the UseClientPopup value is "False", the remaining property values in this section will be ignored. For example:

UseClientPopup=True

The UseSuccessClientPopup property controls whether or not the Move My Printers Engine displays the success message defined in the SuccessMessage parameter when execution has completed successfully. Valid values for this property are "True" and "False". If the UseSuccessClientPopup value is "False" then the SuccessMessage parameter will be ignored. For example:

UseSuccessClientPopup=True

The SuccessMessage property stores the message that will be displayed to the user upon successful completion of the migration. Valid values for this property are any single or multi-line message text. For example:

SuccessMessage=This is a multi-line ^CRLFmessage.

NOTE: To represent a multi-line message you must enter the “^CRLF” to represent anywhere you would like to start a new line. This code **MUST** be entered exactly as shown above, and is case sensitive.

The UseFailureClientPopup property controls whether or not the Move My Printers Engine displays the failure message defined in the FailureMessage parameter when execution has not completed successfully. Valid values for this property are “True” and “False”. If the UseFailureClientPopup value is “False” then the FailureMessage parameter will be ignored. For example:

```
UseFailureClientPopup=True
```

The FailureMessage property stores the message that will be displayed to the user if any failures occur during the migration. Valid values for this property are any single or multi-line message text. For example:

```
FailureMessage=This is a single line message.
```

NOTE: To represent a multi-line message you must enter the “^CRLF” to represent anywhere you would like to start a new line. This code **MUST** be entered exactly as shown above, and is case sensitive.

16.9 **[REGISTRATION] Section**

The [REGISTRATION] Section of the INI Configuration file contains the value entered on the Registration Screen of the Move My Printers Deployment Toolkit.

The RegistrationCode property contains the valid registration code provided by Fluentware Inc. after purchasing the application. The valid value for this property is your valid registration code. For example:

```
RegistrationCode=XXXX-XXXX-XXXXX
```

NOTE: Entering an invalid registration code into the INI file will not allow the Move My Printers Engine to work. The Move My Printers Engine validates the registration code each time it is executed to ensure a proper registration code has been purchased.

16.10 [DEPLOYMENT] Section

The [DEPLOYMENT] Section of the INI Configuration file contains the values entered on the Deployment (Manual Configuration), Deployment - General Screen and the Deployment - MDAC Screen of the Move My Printers Deployment Toolkit.

The DeploymentPath property stores the path where the Configuration file, Move My Printers Engine and all supporting files are copied. This property is not used by the Move My Printers Engine. Valid values for this property are any valid path on your network. For example:

```
DeploymentPath=\\MyServer\MyFileShare
```

The CreateWebLaunchPage property determines if a web file is created when a Configuration file is deployed. This property is not used by the Move My Printers Engine. Valid values for this property are "True" and "False". For example:

```
CreateWebLaunchPage=True
```

The CreateBatchFile property determines if a batch file is created when a Configuration file is deployed. This property is not used by the Move My Printers Engine. Valid values for this property are "True" and "False". For example:

```
CreateBatchFile=True
```

The IncludeMDAC property determines if an MDAC file is copied when a Configuration file is deployed. This property is not used by the Move My Printers Engine. Valid values for this property are "True" and "False". The MDACOption is ignored if the IncludeMDAC property is "False" and is only used for Active Directory-based migrations. For example:

```
IncludeMDAC=False
```

The MDACOption property determines which MDAC file is copied when a Configuration file is deployed. This property is not used by the Move My Printers Engine. Valid values for this property are 0, 1 and 2. For example:

```
MDACOption=1
```

Note: The only method of determining which MDAC file corresponds with which number is to look in the Move My Printers installation path for the three MDAC installation files. Typically these files are titled "MDAC_TYP<version>.exe", where the "<version>" is the MDAC version. The lowest MDAC version is 0, the next highest is 1 and the highest MDAC version is

2. Thus, if you see MDAC_TYP2.6.exe, MDAC_TYP2.5.exe and MDAC_TYP2.7.exe the corresponding MDAC options would be 1, 0 and 2.

16.11 [POPULATE] Section

The [POPULATE] Section of the INI Configuration file contains the values entered on the Populate Screen of the Move My Printers Deployment Toolkit.

The ServerNames property stores all of the server names to be used by the Move My Printers Engine during a populate process. Valid values for this property are “.” or any valid server name within the network. The ServerNames field has one special value that can be used in conjunction with the PrinterNames field to perform specialized population. The use of the “.” (period) in the ServerNames field indicates that this is a local printer populate. The server name is not specified, thus the “.” represents the current client machine as the local printer populate indicator. For example:

```
ServerNames=SERVER_ONE,.,SERVER_TWO
```

Note: there are three different values represented in the example above.

The PrinterNames property stores all of the printer names to be used by the Move My Printers Engine during a populate process. Valid values for this property are any valid printer name within the network. For example:

```
PrinterNames=PRINTER_ONE,PRINTER_TWO,PRINTER_THREE
```

Note: if the example ServerNames and PrinterNames fields were in an INI file, then the PRINTER_ONE and PRINTER_THREE would be added as networked printers and PRINTER_TWO would be added as a local printer.

Note: you MUST have equal numbers of ServerNames and PrinterNames lists for the Move My Printers Engine to work correctly.

16.12 [PRUNE] Section

The [PRUNE] Section of the INI Configuration file contains the values entered on the Prune Screen of the Move My Printers Deployment Toolkit.

The ServerNames property stores all of the server names to be used by the Move My Printers Engine during a prune process. Valid values for this property are “*”, “.”, “.*” or any valid server name within the network. The ServerNames field has several special values that can be

used in conjunction with the PrinterNames field to perform specialized pruning. The use of the “.” (period) in the SeverNames field indicates that a printer will be deleted only if it is a local printer. If a printer name is matched to a networked printer, it will not be deleted. The use of the “*” (asterisk) in the ServerNames field indicates that a printer (regardless of the server name) will be deleted only if it is a networked printer. If a printer name is matched to a local printer, it will not be deleted. The use of the “.*” (period and asterisk) in the ServerNames field indicates that a printer (regardless of the server name) will be deleted if it is either a local or networked printer. For example:

```
ServerNames=SERVER_ONE,.*,*,SERVER_TWO
```

Note: there are five different values represented in the above example.

The PrinterNames property stores all of the printer names to be used by the Move My Printers Engine during a prune process. The PrinterNames field has a special value that can be used in conjunction with the ServerNames field to perform specialized pruning. Valid values for this property are “*” or any valid printer name within the network. The use of the “*” in the PrinterNames field will delete all printers from the corresponding specified server name in the ServerNames field. For example:

```
PrinterNames=PRINTER_ONE,PRINTER_TWO,PRINTER_THREE,PRINTER_FOUR,*
```

Note: if the example ServerNames and PrinterNames fields where in an INI file, then the networked printer SERVER_ONE/PRINTER_ONE, the local printer PRINTER_TWO, the networked printer PRINTER_THREE, the local and networked printer PRINTER_FOUR and all printers on SERVER_TWO would all be deleted.

Note: you MUST have equal number of ServerNames and PrinterNames lists for the Move My Printers Engine to work correctly.

The DeleteADOrphans property determines whether or not the Move My Printers Engine will delete a networked printers when it can not be found (orphaned) in Active Directory. Valid values for this property are “True” and “False”. For example:

```
DeleteADOrphans=False
```

The DeleteAllNonNetworked property determines whether or not the Move My Printers Engine will delete all non-networked (local) printers from the client machine. Valid values for this property are “True” and “False”. For example:

DeleteAllNonNetworked=False

16.13 [PRINTER_DRIVER] Section

The [PRINTER_DRIVER] Section of the INI Configuration file contains the values entered on the Drivers Screen of the Move My Printers Deployment Toolkit.

The PrinterName property stores all of the printer names to be used by the Move My Printers Engine when doing a Windows 95/98/ME or local printer addition. Valid values for this property are any of the printers names already listed in the INI file in one of the following places; [POPULATE] Section PrinterNames field, [MANUAL DEFINITIONS PRINTERS] Section ToPrinters or [MANUAL DEFINITIONS MIXED] Section ToPrinters. For example:

PrinterName=PRINTER_ONE,PRINTER_TWO,PRINTER_THREE

The DriverName property stores all of the driver names to be used by the Move My Printers Engine when doing a Windows 95/98/ME or local printer addition. Valid values for this property are any driver names. For example:

DriverName=DRIVER_ONE,DRIVER_TWO,DRIVER_THREE

The DriverFileName property stores all of the driver file names to be used by the Move My Printers Engine when doing a Windows 95/98/ME or local printer addition. Valid values for this property are any driver file names. For example:

DriverFileName=DRIVER_FILE.DLL,,DRIVER_FILE.EXE

Note: there are three different values represented in the example above. Using the PrinterName, DriverName and DriverFileName examples in an INI file would result in using DRIVER_FILE.DLL with the name DRIVER_ONE to add printer PRINTER_ONE, using driver name DRIVER_TWO (this configuration assumes the driver file is already installed on the client machine) to add the printer PRINTER_TWO and using DRIVER_FILE.exe with the driver name DRIVER_THREE to add printer PRINTER_THREE.

The PortName property stores all of the port names to be used by the Move My Printers Engine when doing a local printer addition. Valid values for this property are any local client machine port names. For example:

PortName=,,LTP1

Note: there are three different values represented in the example above. Using the PrinterName, DriverName, DriverFileName and PortNames examples in an INI file would result in using port LTP1 to add printer PRINTER_THREE to the local client machine. PRINTER_ONE and PRINTER_TWO do not have ports specified, thus Move My Printers will not be able to add these printers to a local client machine.

Note: you MUST have equal number of PrinterName, DriverName, DriverFileName and PortName lists for the Move My Printers Engine to work correctly. Even if the value is not required, you must have an empty value (e.g. “,” a comma followed by another comma with no spaces in between).

The DriverSharePath property stores the single share folder path to where the driver files are available for access. Valid values for this property are any share folder path on the network. For example:

```
DriverSharePath=\\MyServer\PrinterDrivers
```

16.14 **[SET_DEFAULT] Section**

The [SET_DEFAULT] Section of the INI Configuration file contains the values entered on the Set Defaults Screen of the Move My Printers Deployment Toolkit.

The DefaultType property stores the value to represent the type of set default operation the Move My Printers Engine will perform. Valid values for this property are 0 for Do Nothing, 1 for Migration or 2 for Force. For example:

```
DefaultType=0
```

The DefaultPrinterName property stores the value to represent the printer name used by the Move My Printers Engine to force a default printer setting. Valid values for this property are a printer name from one of the following INI file places: [POPULATE] Section PrinterNames field, [MANUAL_DEFINITIONS_PRINTERS] Section ToPrinters or [MANUAL_DEFINITIONS_MIXED] Section ToPrinters. For example:

```
DefaultPrinterName=PRINTER_ONE
```

Note: The DefaultPrinterName is only used by the Move My Printers Engine if the DefaultType is set to 2.

16.15 **[SUPPORT] Section**

The [SUPPORT] Section of the INI Configuration file contains the value entered on the Support Screen of the Move My Printers Deployment Toolkit.

The DebugOn property determines whether or not the Move My Printers Engine will generate a support debug file upon completion (whether or not a successful outcome was achieved). Valid values for this property are "True" and "False". For example:

DebugOn=True

17. Command Line Options

The Move My Printers Engine application can be executed via a command line with parameters specified in an .INI file.

The only parameter that the Move My Printers Engine will accept is a path to the Configuration file that you want to use for this execution. The following is an example of how this parameter works:

```
"C:\MoveMyPrintersEngine.exe" "C:\TMP\MyConfigurationFile.ini"
```

NOTE: Any paths that have spaces must be included within double quotes.

If the Configuration File parameter is not specified for an execution of the Move My Printers Engine, the application will use the first INI file that it finds in the folder where the Move My Printers Engine is executed from. You do not have to specify the Configuration File if there is only one .ini file in the folder. If you use the Move My Printers Deployment Toolkit to deploy your solutions, the Move My Printers Engine and the Configuration file will be placed in the same folder, thus the Move My Printers Engine will always find a Configuration file. Further, if the Move My Printers Deployment Kit is used, the optional batch file and/or web page will automatically specify the correct Configuration file, so nothing further needs to be done. However, if multiple Configuration files exist in the same folder and manual execution is desired, be sure to specify the correct Configuration file to ensure it is executed.

18. Registering Move My Printers

Ready to purchase Move My Printers? Please visit <http://www.fluentware.com/solutions.htm> to get the latest pricing. We offer volume discounts, subscription services (including a higher level of support as well as free upgrades to the product during the term of the contract), competitive upgrades and Move My Printers upgrades from previous versions.

Registration does not take much time and Fluentware, Inc. has several payment options to ensure that you get what you want when you need it.

19. Getting Support for Move My Printers

Have a question or having an issue? Fluentware Inc. is here to help.

What do you need to do first? If you are having a problem migrating printers successfully, please use the Support option in the Move My Printers Deployment Toolkit to generate a debug file for each configuration file migration. We can process your questions and issues more quickly if we can gain some insight into what you are trying to accomplish and see the errors that are occurring. Please visit the <http://www.fluentware.com/solutions.htm> web site and follow the Move My Printers "Support" link. On the Move My Printers support page you can submit a Help Desk Ticket. Please submit one help desk ticket for each failed configuration file and attach one failed debug log. The web site will not accept more than one debug file.

Want a direct line to technical support? Consider purchasing a subscription license to Move My Printers. Get a direct phone line to the technical support engineers and free application upgrades for one year. To learn more about subscription licensing please visit <http://www.fluentware.com/solutions.htm> and follow the Move My Printers "Pricing" link.

20. How Do I?

20.1 Use the Active Directory Migration Method?

Step 1:

Step 2:

Step 3:

Step 4:

20.2 Use the Manual Migration Method?

20.3 Migrate Windows 95/98/ME Machines?

20.4 Setup a start-up script?

20.5 Add a local printer?

21. End User Licenses Agreement

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