

Prinergy

Renaming a Prinergy 2.x Server

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	Feb 05, 2003	Stan Yoshida	Initial draft.
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1. SCOPE

This document provides step-by-step procedures for changing the server name on a Prinergy primary server, secondary server, or render station running Prinergy versions 2.0.4 up to 2.2.

For Prinergy systems running Prinergy 1.1, refer to the document *Renaming a Prinergy Server*.

2. RELATED DOCUMENTS

InSite 3.5 for Prinergy Onsite Integration (P/N 72-3628E-A-PR01)

Prinergy Emergency Platemaking Installation (P/N 72-3608A-G)

3. OUTLINE

This document contains three separate procedures:

1) Changing the primary server's computer name, which involves:
   - Changing the primary server computer name
   - Updating the secondary servers and render stations
2) Changing a secondary server or render station computer name, which involves:
   - Changing the secondary or render station computer name
   - Updating the primary server
3) Changing a tertiary server computer name, which involves:
   - Changing the tertiary server computer name (performed by the customer)
   - Updating the primary server

Note: Within this document, any references to **OLDSERVERNAME** should be substituted with the existing name of the server and references to **NEWSERVERNAME** should be substituted with the new name of the server.

3.1 Changing the primary server name

This is an outline of the steps that must be performed on the primary server, secondary servers, and render stations to change the primary server's name. See *Section 4,Renaming the Primary Server* and *Section 5, Updating the secondary servers and render stations after renaming the Primary* for the step-by-step procedures.

3.1.1 Primary server procedure

1. Shutdown Prinergy.
2. Ensure the system and database is backed up to tape.

3. Create a **Rename** folder to hold all files pertaining to the rename procedure.
4. Create a system-state backup to disk.
5. Create a cold backup of the database files.
6. Rename the server.
7. Update the registry. Update the Araxi, Creo CopyDot JTP, OOC, and Lanmanserver registry keys using **Regedit**. Update the rest of the registry using **Regfind** – search for lowercase and uppercase entries.
8. Update the configuration files:
   - **Tnsnames.ora**
   - **Listener.ora**
   - **Hosts**
   - **SFMHosts**
9. Update the database - run **PChangeJobShare**.
10. Update Orbacus configuration if the server is running Prinergy 2.1.
11. Update the Process plans - (for example, UNC path for printers).
12. Update shortcuts - Harmony shortcut may have UNC path to server.
13. Update the InSite configuration.
14. Test the system.

3.1.2 Secondary server and render station procedure

After changing the primary server's name, perform the following procedure on each secondary server and render station.

1. Create a **Rename** folder on the secondary server to hold all files pertaining to the rename procedure.
2. Create a system-state backup to disk.
3. Move secondary to the renamed primary server.
4. Update Araxi and OOC registry keys – search for lowercase and uppercase entries.
5. Update the configuration files:

   Note: Do **NOT** update the **Listener.ora** file if this is an EP server.

   - **Tnsnames.ora**
   - **Hosts**
   - **SFMHosts**
6. Update shortcuts.

7. Update the Emergency Platemaking configuration if the secondary server is an EP server.

8. Test the system.

3.2 Changing the secondary server or render station name

This is an outline of the steps that must be performed to change the computer name of a secondary server or render station. See *Section 6, Renaming a Secondary Server or Render Station* and *Section 7, Updating the primary server after renaming a secondary server or render station* for the step-by-step procedures.

3.2.1 Perform these steps on the server to rename

1. Shut down Prinergy.

2. Ensure the system and system state is backed up to tape.

3. Create a **Rename** folder on the secondary server to hold all files pertaining to the rename procedure.

4. Create a system-state backup of the secondary or render station to disk.

5. Rename the server.

6. Update the registry. Update the Araxi, Creo CopyDot JTP, OOC, and Lanmanserver registry keys using **Regedit**. Update the rest of the registry using **Regfind** – look for lowercase and uppercase name.

7. Update the configuration files:

   Note: Do **NOT** change the **Listener.ora** file if this is an EP server.

   - **TNSNames.ora**
   - **Hosts**
   - **SFMHosts**

8. Update the Orbacus configuration if the server is running Prinergy 2.1.

3.2.2 Perform these steps on the primary server

1. Create a **Rename** folder on the secondary server to hold all files pertaining to the rename procedure.

2. Create a system-state backup of the primary server to disk.

3. Update the Araxi registry key using **Regedit** and search the rest of the registry. Search for lowercase and uppercase entries.

4. Update the database if job volumes existed on the secondary.

5. Update the process plans.

6. Update the Emergency Platemaking configuration.

7. Test the system.

3.3 Changing the tertiary server name

Changing the tertiary server's computer name is the responsibility of the customer. After the tertiary server's computer name is changed, the database and configuration files on the primary server will have to be updated. See *Section 8, Renaming a tertiary server* and *Section 9, Updating the primary after renaming a tertiary server* for the step-by-step procedures.

3.3.1 Perform this step on the tertiary

1. Have customer change the tertiary server computer name.

3.3.2 Perform these steps on the primary

1. Update the database with the new tertiary server name and new job volume names.
2. Remove tertiary server from the Prinergy system.
3. Re-add the tertiary server to the Prinergy system.
4. Add the new shared volume names and remove the shared volumes that point to the old server name.
5. Update the configuration files:
   - **Hosts**
   - **SFMHosts**
   - **OtherHosts**
6. Test the system

4. RENAMING THE PRIMARY SERVER

This is the detailed procedure for changing the computer name of the primary server.

To change the computer name of the primary server, first follow the procedure in Section 4. After completing Section 4, update the secondary servers and render stations using the procedure in Section 5.

The steps in Section 4 are to be performed on the primary server.

4.1 Shutdown Prinergy

Shut down Prinergy on all servers.

4.2 Backing up the system

Before attempting to change the computer name, ensure that you have adequate backups of the system. You can create a Ghost image of the system drive or back up the system drive and system state to tape using **NTBackup**.

4.3 Create a Rename folder

Create a folder called **Rename** on the primary server. The folder should be on a drive that has at least 300 MB of free space.

4.4 Backing up the system state

The system state should be backed up to a file as a precautionary measure. This is a matter of convenience, just in case you have to restore the registry.

1. Start **NTBackup**. (Click **Start>Run** and enter `NTBackup` in the **Open:** box.)
2. In **NTBackup**, click on the **Backup** tab.
3. Click the checkbox next to **System State** in the left pane.
4. Next to the **Backup media or file name** box, click **Browse…**.
5. Navigate to the **Rename** folder. Enter the name `SystemState_<servername>` in the **File name** box. (Replace `<servername>` with the name of the server). Click **Open**.
6. Click **Start Backup** to begin the system state backup.
7. After the backup is complete, click **Close** and exit **NTBackup**.

4.5 Backing up the database

This step is performed as a precautionary measure. If the server is reverted back to its original configuration, the database can be restored by replacing the database files with the ones that were backed up in this step.

1. Click on **Start>Programs>Prinergy>Prinergy Administrator** to start **UADM**.
2. In **UADM**, stop Prinergy on all servers.
3. Stop the Oracle services. In **Control Panel>Services**, stop the following services:
   - **OracleServiceCreo**
   - **OracleStarter**
4. Create the following folders on the E: drive or RAID.
   - **\DBBackup\Edrive**
   - **\DBBackup\Gdrive** (or RAID drive)
5. Copy the Oracle folders and files to the **DBBackup** folders

   (remember to press the <ctrl> key if you drag the folder to copy)

   a. Copy **E:\Orant** and its contents to **\DBBackup\Edrive**

   b. Copy **G:\Orant** and its contents to **\DBBackup\Gdrive**

4.6 Renaming the server

This step will change the Win2K computer name. First you must determine if the computer is in a domain or workgroup. If the computer is in a domain, you will require a domain user account and password that has sufficient privileges to add the server to the domain.

4.6.1 Changing the computer name

1. Log in as **Administrator**.
2. Click **Start>Settings>Control Panel**, and open **System**.
3. Click on the **Network Identification** tab.
4. You will see the word **Workgroup:** or **Domain:** below **Full computer name**. If the computer is in a domain, you will require a user account with the authority to rename or add and remove computers from the domain to change the computer name. If so, you will need the services of the customer's IT department at this point.
5. To change the computer name, click **Properties**. This will open the **Identification Changes** dialog box.
6. Enter the new computer name in the **Computer name** box.
7. Click **OK**.

8. If the computer is in a domain, the customer's IT department must enter the username and password of a user that has permissions to rename the computer in the domain. If the computer is in an NT4 domain, you may get an "Access denied" error when renaming the server. In this case, you must remove the computer from the domain, then change the computer name and finally re-add the computer back into the domain.
9. Click **OK** twice.
10. Click **Yes** to re-boot the computer.

4.7 Updating the Registry

The registry must be updated with the new server name. Most of the registry keys that contain the server name will be in the Araxi, Creo CopyDot JTP, OOC, and Lanmanserver keys. You update the registry as follows:

- Export and import specific keys, using **Regedit**
- Change registry values, using **Regfind**
- Manually rename keys, using **Regedit**

The server name may appear in all lower case letters, all upper case letters, or a combination of both. When you update the registry, ensure that the case is preserved at all times.

If the computer name uses a very generic name such as Prinergy or Primary or Secondary, make sure that the values you will be updating only refer to the computer name.

4.7.1 Saving the Araxi, Creo CopyDot JTP, OOC, and Lanmanserver keys to a file

The Araxi, Creo CopyDot JTP, OOC, and Lanmanserver registry keys are saved to separate files. This will allow you to edit all occurrences of the server name, then restore the registry using the updated file.

1. Start **Regedit** (do not use **Regedt32**).
2. In **Regedit**, highlight the **HKLM\Software\Creo\Araxi** key.
3. Click **Registry>Export Registry File…**.
4. Export the registry key as **Araxi.reg** in the **Rename** folder.
5. Highlight the **HKLM\Software\Creo\Creo CopyDot JTP** registry key.
6. Export the **Creo CopyDot JTP** registry key as **CreoCopyDotJTP.reg**.
7. Highlight the **HKLM\Software\OOC** registry key.
8. Export the **OOC** registry key as **OOC.reg** in the **Rename** folder.
9. Highlight the **HKLM\System\CurrentControlSet\Services\Lanmanserver** registry key.
10. Export the **LanmanServer** registry key as **LanmanServer.reg** in the **Rename** folder.

4.7.2 Editing the Araxi registry file

When editing the file, ensure the case is preserved when replacing the server name.

After you have edited the file, save the changes to a new file (do not overwrite the original file). This will allow you to revert back to the original file if any errors were made.

1. Right-click the **Araxi.reg** file saved above and click **Edit** to open the file in Notepad.
2. Click **Edit>Replace…**.
3. Check the **Match Case** checkbox.
4. In the **Find What** box, enter the old server name using all upper case letters.
5. In the **Replace With** box, enter the new server name using all upper case letters.
6. Click **Replace All**.
7. Ensure the **Match Case** checkbox is still checked.
8. In the **Find What** box, enter the old server name again, this time using upper case for the first letter of the name and lower case for all the rest.
9. In the **Replace With** box, enter the old server name again, this time using upper case for the first letter of the name and lower case for all the rest.
10. Click **Replace All**.
11. To confirm that there are no more entries, uncheck the **Match Case** checkbox and click on **Find Next**.
12. If there are more entries to change, use the same procedure as above to change the computer name, preserving the case.
13. After all the entries are changed, save the modified registry as **Araxi_new.reg**.

4.7.3 Editing the Creo CopyDot JTP registry file

When editing the file, ensure the case is preserved when replacing the server name.

After you have edited the file, save the changes to a new file (do not overwrite the original files). This will allow you to revert back to the original file if any errors were made.

1. Open the **CreoCopyDotJTP.reg** file saved above in Notepad.
2. Edit the file by replacing all instances of the old server name with the new name, and ensuring the case is preserved.
3. Save the file as **CreoCopyDotJTP_new.reg**.

4.7.4 Editing the OOC registry file

When editing the file, ensure the case is preserved when replacing the server name.

After you have edited the file, save the changes to a new file (do not overwrite the original files). This will allow you to revert back to the original file if any errors were made.

1. Open the **OOC.reg** file saved above in Notepad.
2. Edit the file by replacing all instances of the old server name with the new name, and ensuring the case is preserved.
3. Save the file as **OOC_new.reg**.

4.7.5 Editing the Lanmanserver registry file

When editing the file, ensure the case is preserved when replacing the server name.

After you have edited the file, save the changes to a new file (do not overwrite the original files). This will allow you to revert back to the original file if any errors were made.

1. Open the **Lanmanserver.reg** file saved above in Notepad.
2. Edit the file by replacing all instances of the old server name with the new name, and ensuring the case is preserved.
3. Save the file as **Lanmanserver_new.reg**.

4.7.6 Importing the modified Araxi registry key

The modified Araxi key will be restored to the registry. The original key must be deleted before restoring. If you accidentally restore the Araxi key without removing the original Araxi key, you will end up with the union of the old and new keys. That is, you will have registry subkeys and values that contain the old computer name as well as the new computer name. If this happens, just delete the Araxi key and reload the modified Araxi key again.

1. Start Regedit.exe
2. Delete the **Araxi** registry key. Navigate to HKLM\Software\Creo\Araxi, highlight the Araxi key and press **Delete**. Click **Yes** to delete the key.
3. Import the modified **Araxi** registry key saved in the previous section by double-clicking the **Araxi_new.reg** file in Explorer, or in **Regedit**, click on **Registry>Import Registry File…**, and select the **Araxi_new reg** file.
4. Click **Yes** or **OK** as required.

4.7.7 Importing the modified CreoCopyDotJTP registry key

1. In **Regedit**, delete the **HKLM\Software\Creo\Creo CopyDot JTP** key.
2. Import the modified **Creo CopyDot JTP** registry key saved in the previous section by double-clicking the **CreoCopyDotJTP_new.reg** file in Explorer, or in **Regedit**, click on **Registry>Import Registry File…**, and select the **CreoCopyDotJTP_new reg** file.
3. Click **Yes** or **OK** as required.

4.7.8 Importing the modified OOC registry key

1. In **Regedit**, delete the **HKLM\Software\OOC** key.
2. Import the modified **OOC** registry key saved in the previous section by double-clicking the **OOC_new.reg** file in Explorer, or in **Regedit**, click on **Registry>Import Registry File…**, and select the **OOC_new reg** file.
3. Click **Yes** or **OK** as required.

4.7.9 Importing the modified Lanmanserver registry key

1. In **Regedit**, delete the **HKLM\System\CurrentControlSet\Services\Lanmanserver** key.
2. Import the modified **Lanmanserver** registry key saved in the previous section by double-clicking the **Lanmanserver_new.reg** file in Explorer, or in **Regedit**, click on **Registry>Import Registry File…**, and select the **Lanmanserver_new reg** file.
3. Click **Yes** or **OK** as required.

4.7.10 Checking the rest of the registry

In the previous section you updated specific registry keys with the new server name. Those keys contained the majority of the references to the old server name. The old server name may also be stored in other parts of the registry. You use the Resource Kit utility, **Regfind**, to search and replace the server name in the rest of the registry. However, **Regfind** is only able to change registry values and is not able to rename registry keys. After you use **Regfind**, you will use **Regedit** to rename any remaining registry keys.

If the computer name uses a very generic name such as Prinergy or Primary or Secondary, make sure that the values you will be updating only refer to the computer name.

4.7.11 Updating registry data

1. Open a DOS window and change to the directory **D:\Drivers\Reskit**.
2. Search for registry keys where the data field contains the old server name in lower case. In a DOS window, run:

   D:\> REGFIND oldservername where the old server name is in lower case
3. Check the output of Regfind, and if the server has a generic name, ensure the registry keys that you will be updating only refer to the computer name.
4. Update the registry keys that contain the old server name in lower case by running:

   D:\> REGFIND oldservername –r newservername

   - use lower case for both names
   - the **–r** flag replaces all matches with the new value
5. Search for registry entries where the data field contains the old server name in UPPER case by running:

D:\> REGFIND OLDSERVERNAME

6. Update the registry keys that contain the old server name in UPPER case by running:

   D:\> REGFIND OLDSERVERNAME –r NEWSERVERNAME

   - use upper case for both names
   - the **–r** flag replaces all matches with the new value

7. Do a case-insensitive search for any other registry entry that may contain the old server name (for example, in the format **OldServerName**).

   D:\> REGFIND oldservername –y

8. Update the registry keys that contain the old server name in mixed case by running:

   D:\> REGFIND Oldservername –r Newservername

9. Perform a case-insensitive search again for the old server name. It should return no entries.

4.7.12 Updating registry key names

1. Start **REGEDIT**, by clicking on **Start>Run** and entering `REGEDIT` in the **Run** dialog box.
2. In **REGEDIT**, click on **Edit>Find**.
3. Enter the old server name in the **Find** dialog box.
4. Check the **Data**, **Keys** and **Values** boxes.
5. Click on **Find Next**.
6. When **REGEDIT** finds a match, right-click on the highlighted entry and select **Rename** (or **Modify**, if editing the registry data field).
7. Change the name to the new server name, preserving the original case.
8. Press `F3` to find the next match.
9. Continue changing the entries until you have searched the entire registry.

4.7.13 Reboot the server

Shutdown and restart the system to enable the changes to the System registry hive to take effect.

4.8 Updating configuration files

After changing the server name, you must check for any references to the old server name in the files on the system.

The files that you will edit are:

- **\Ora816\Network\Admin\TNSNames.ora**

- **\Ora816\Network\Admin\Listener.ora**
- **\Winnt\System32\Drivers\Etc\Hosts**
- **%AraxiHome%\Creoaraxi\Etc\SFMHosts**

4.8.1 Editing the TNSNAMES file

1. Open the file **D:\Ora816\Network\Admin\TNSNames.ORA** in Notepad.
2. Replace all instances of the old server name with the new name.

   Look for the parameter:

   (Host = **OLDSERVERNAME**)

   Where **OLDSERVERNAME** is the old computer name.

   change it to read: (Host = **NEWSERVERNAME**)

   That is, substitute the new computer name in place of the old computer name.
3. Save the file.

4.8.2 Editing the LISTENER file

1. Open the file: **D:\Ora816\Network\Admin\LISTENER.ORA** in Notepad.

   Look for the parameter:

   (Host = **OLDSERVERNAME**)

   Where *OLDSERVERNAME* is the old computer name.

   change it to read: (Host = **NEWSERVERNAME**)

   That is, substitute the new computer name in place of the old computer name.
2. Save the file.

4.8.3 Editing the HOSTS file

The **HOSTS** file is used to map IP addresses to the TCP/IP host name of the server. Edit the **HOSTS** file and change the server name entry if necessary.

This is a sample entry for the **HOSTS** file:

```
192.197.219.124   pmsupport   pmsupport.creo.com
```

1. Open the file **D:\Winnt\System32\Drivers\ETC\HOSTS** in Notepad
2. If an entry for the old server name exists, change it to the new server name.
3. Re-save the file.

4.8.4 Editing the SFMHOSTS file

Note: If the server name advertised to the Macs is different from the NT server name, Prinergy maps the Mac-advertised server name to the NT server name using a file called **SFMHOSTS**. Edit the **SFMHOSTS** file and change the server name.

This is a sample entry for the **SFMHOSTS** file.

```
"ZONE:SFMServerName"="NTServerName"
```

1. Open the file **%AraxiHome%\CreoAraxi\Etc\SFMHOSTS** in Notepad.
2. If an entry for the old server name exists, change it to the new server name
3. Re-save the file.

4.9 Updating the Database tables

References to the server name and job share names are contained in the database. These will have to be updated with the new server name and new share names. The share names are usually prefixed by **AraxiVolume_** (for example, **AraxiVolume_YCS9998-999_G**).

1. Ensure Prinergy is stopped.
2. Open a Command Prompt window.
3. Start **SQLPLUS**:

```
D:\> SQLPLUS prinergy/araxi

SQL*Plus: Release 8.1.6.0.0 - Production on Wed Jan 8 14:52:33 2003

(c) Copyright 1999 Oracle Corporation.  All rights reserved.

Connected to:

Oracle8i Release 8.1.6.1.0 - Production

JServer Release 8.1.6.0.0 - Production
```

4. In **SQLPLUS**, execute this query:

```
SQL> SELECT DISTINCT jckdrootfolderservername,
jckdrootfoldersharename FROM DBCS_Jacket;

JCKDROOTFOLDERSERVERNAME                  JCKDROOTFOLDERSHARENAME

----------------------------------------- ----------------------------------------
------------------------

%PRIMARY%                                 AraxiVolume_YCS9998-999_G

YCS9999-999                               AraxiVolume_YCS9999-999_J
```

   This will display all shared job volumes on all servers that have been used to hold jobs. On Prinergy 2.1 systems, the value `%PRIMARY%` in the `JckdRootFolderServerName` column represents the primary server.

5. In **SQLPLUS**, execute this query:

```
SQL> SELECT DISTINCT regfileservername, regfilesharename FROM
DBCS_RegisteredFile;

REGFILESERVERNAME                       REGFILESHARENAME

--------------------------------------- ---------------------------------------
-----

%PRIMARY%                               AraxiVolume_YCS9998-999_G

YCS9999-999                             AraxiVolume_YCS9999-999_J
```

This will display all servers and shared job volumes that contain files registered in the database.

6. If the old server name or old share name shows up in the results of either of these queries, **PChangeJobShare** must be run to update the database with the new server name and share name.

7. To exit **SQLPLUS**, enter:

```
SQL> exit
```

8. Next, run:

```
D:\> PCHANGEJOBSHARE NEWSERVERNAME New_JobShare_Name -h OLDSERVERNAME
-s Old_JobShare_Name
```

Note: Use upper case for the server name and preserve the case on the share name.

Example:

The primary server name was changed from `YCS9998-999` to `PRIMARY`.

D:\> pchangejobshare PRIMARY AraxiVolume_PRIMARY_G –h YCS9998-999–s AraxiVolume_YCS9998-999_G

This changes all references to the server name and share names to the new values.

If the database is successfully updated, the utility should return the following:

```
Starting Update.....

Will update 1275 database entries.

completed.
```

9. If the server is running Prinergy 2.1 or higher, run **PChangeJobShare** again, this time substituting the new server name in place of the old server name, as follows:

```
D:\> PCHANGEJOBSHARE NEWSERVERNAME New_JobShare_Name -h NEWSERVERNAME
-s Old_JobShare_Name
```

Example:

D:\> pchangejobshare PRIMARY AraxiVolume_PRIMARY_G –h *PRIMARY* –s AraxiVolume_YCS9998-999_G

You must do this in Prinergy 2.1, because the database will contain `%PRIMARY%` in place of the server name. **PChangeJobShare** substitutes the `%PRIMARY%` value with the primary server's current computer name instead of the primary server's old name.

10. Run **PChangeJobShare** for all the job shares that have been changed.
11. To changes the location of where the Job Server (**PJobD**) for the job runs, enter:

```
D:\> PCHANGEJOBSHARE -n NEWSERVERNAME -o OLDSERVERNAME
```

Note: Use upper case for the server name.

Example:

D:\> pchangejobshare –n PRIMARY –o YCS9998-999

4.10 Editing configuration files

After changing the server name, you must check for any references to the old server name in the files on the system.

The files that you can edit are:

- **\Winnt\System32\Drivers\Etc\Hosts**
- **%AraxiHome%\Creoaraxi\Etc\SFMHosts**

4.10.1 Editing the HOSTS file

The **HOSTS** file is used to map IP addresses to the TCP/IP host name of the server. Edit the **HOSTS** file and change the server name entry if necessary.

This is a sample entry for the **HOSTS** file:

```
192.197.219.124   pmsupport   pmsupport.creo.com
```

1. Open the file **D:\Winnt\System32\Drivers\ETC\HOSTS** in Notepad
2. If an entry for the old server name exists, change it to the new server name.
3. Re-save the file.

4.10.2 Editing the SFMHOSTS file

Note: If the server name advertised to the Macs is different from the NT server name, Prinergy maps the Mac-advertised server name to the NT server name using a file called **SFMHOSTS**. Edit the **SFMHOSTS** file and change the server name.

This is a sample entry for the **SFMHOSTS** file.

```
"ZONE:SFMServerName"="NTServerName"
```

1. Open the file **%AraxiHome%\CreoAraxi\Etc\SFMHOSTS** in Notepad.
2. If an entry for the old server name exists, change it to the new server name
3. Re-save the file.

4.11 Updating the Orbacus configuration on 2.1 systems

Prinergy 2.1 uses the product called Orbacus for the CORBA layer. The Orbacus configuration must be updated with the new server name. The process for this is quite involved, therefore a Python script called **OrbacusConfig.cmd** was written to automate the process.

Note: This step is only required for Prinergy 2.1 systems. For Prinergy 2.0.x systems, you should skip this step.

1. Copy the Python script called **OrbacusConfig.cmd** onto the server.
2. Open a command prompt window and enter:

   ```
   D:\> OrbacusConfig -init
   ```

3. This will create new Orbacus configuration files. The script will save the original configuration files in a backup folder using the naming convention: **%AraxiHome%\IonaOrbacus\backup_<date>_<time>**.
4. If the script fails, correct the problem, and re-run the script. The script will save the Orbacus configuration again in a new backup folder.

4.12 Editing the Process Plans

Some process plans may contain the old server name as parameters. These must be changed to the new server name.

1. Start Explorer.
2. Highlight the folder **%AraxiHome%\CreoAraxi\Data\ProcessPlans** to display the contents of the folder in the right–hand pane
3. Click on **Search**.
4. In the **Containing Text** box, enter the original server name.
5. Click on **Search Now**.
6. The process plans that contain the old server name (if any) will be displayed on the right. The folder path for each process plan will be listed in the **In Folder** column. The process plan name and group name are contained in the path name.
7. If any process plans require changes, start Prinergy on the primary server.
8. In Prinergy Workshop, open each process plan and change the reference to the old server name to the new server name and re-save the process plan.

4.13 Updating the Harmony shortcut

The Harmony shortcut is normally modified to read the calibration curve (**calcurve.hmy**) from the Harmony$ share instead of from the installation directory.

To change the shortcut, do the following:

1. If a Harmony shortcut exists on the desktop, right-click on the shortcut and click on **Properties**.
2. Click on the **Shortcut** tab and if the shortcut is in the format **D:\Program Files\Harmony\Harmony.exe \\OLDSERVERNAME\Harmony$\calcurve.hmy \\OLDSERVERNAME\Harmony$\Prinergy.ppd**, replace **OLDSERVERNAME** with the new server name.
3. Click **OK** to save the changes.
4. Right-click on the **Start** button.
5. Click on **Open All Users**.
6. Double-click on **Programs**.
7. Double-click on **Harmony**.
8. Right-click on **Harmony** and click on **Properties**.
9. Click on the **Shortcut** tab in the **Harmony Properties** dialog box.
10. Change any reference to the old server name to the new server name in the **Target** box.

4.14 Updating IIS and InSite

Refer to the *InSite Onsite Integration* document for information on how to re-install or re-configure InSite to connect to the new primary server.

5. UPDATING THE SECONDARY SERVERS AND RENDER STATIONS AFTER RENAMING THE PRIMARY

After renaming the primary server, you must now update the configuration on the secondary servers and render stations to point to the renamed primary server.

Perform each step in Section 5 on every secondary server and render station that is connected to the primary server.

5.1 Create a Rename folder

Create a folder called **Rename** on the server. The folder should be on a drive that has at least 300 MB of free space.

5.2 Backing up the system state

The system state will be backed up to a file as a precautionary measure. This is done as a matter of convenience, just in case you have to restore the registry.

1. Start **NTBackup**. (Click **Start>Run** and enter `NTBackup` in the **Open:** box.)
2. In **NTBackup**, click on the **Backup** tab.

3. Click the checkbox next to **System State** in the left pane.
4. Next to the **Backup media or file name** box, click **Browse…**.
5. Navigate to the **Rename** folder. Enter the name `SystemState_<servername>` in the **File name** box. (Replace `<servername>` with the name of the server). Click **Open**.
6. Click **Start Backup** to begin the system state backup.
7. After the backup is complete, click **Close** and exit **NTBackup**.

5.3 Moving the secondary servers to the renamed primary

At this point, the secondary servers and render stations still contain information in the registry that points to the old primary server name. To update the registry on the secondary servers and render stations with the new primary server name, you must re-add the server as a secondary in **UADM**.

Note: You must run **UADM** on the secondary server.

1. Start **UADM** on the secondary server or render station that you wish to re-add to the primary. If you do not start **UADM** on the server to re-add, you will not be able to perform the task.
2. In **UADM**, click on **File>Connect to Server…**.
3. Enter the new primary server name, and enter the username and password of an administrator user.
4. Click **OK** to connect to the new primary.
5. Click on **Tools>Configure Server…**.
6. In the **Servers** tab, click on the **Add Server…** button.
7. Enter the name of the secondary server, and if necessary, enter the username and password of an administrator user, then click **OK**.
8. If the old primary server name appears in the tertiary servers list, highlight the old primary server name and click **Remove Server**.
9. Go to each secondary server or render station in turn and re-add the servers to the primary.

5.4 Updating the Registry

The registry will have to be updated with the new server name. Most of the registry keys that contain the server name will be in the Araxi and OOC keys. The registry is updated as follows:

- Exporting and importing the keys using **Regedit**
- Using **Regfind**

- Manually renaming keys using **Regedit**

The server name may appear in all lower case letters, all upper case letters or a combination of each. When updating the registry, ensure that the case is preserved at all times.

If the computer name uses a very generic name such as Prinergy or Primary or Secondary, make sure that the values you will be updating only refer to the computer name.

5.4.1 Saving the Araxi, Creo CopyDot JTP and OOC keys to a file

1. Start **Regedit** (do not use **Regedt32**).
2. In **Regedit**, highlight the **HKLM\Software\Creo\Araxi** key.
3. Click **Registry>Export Registry File**.
4. Export the registry key as **Araxi.reg** in the **D:\Temp** folder or in another easy-to-find location.
5. Highlight the **HKLM\Software\Creo\Creo CopyDot JTP** registry key.
6. Export the **Creo CopyDot JTP** registry key as **CreoCopyDotJTP.reg**.
7. Highlight the **HKLM\Software\OOC** registry key.
8. Export the **OOC** registry key as **OOC.reg**.

5.4.2 Editing the Araxi registry file

When editing the file, ensure the case is preserved when replacing the server name.

After you have edited the file, save the changes to a new file (do not overwrite the original file). This will allow you to revert back to the original file if any mistakes were made.

1. Right-click the **Araxi.reg** file saved above and click **Edit** to open the file in Notepad.
2. Click **Edit>Replace…**.
3. Check the **Match Case** checkbox.
4. In the **Find What** box, enter the old server name using all uppercase letters.
5. In the **Replace With** box, enter the new server name using all uppercase letters.
6. Click **Replace All**.
7. Ensure the **Match Case** checkbox is still checked.
8. In the **Find What** box, enter the old server name again, this time using uppercase for the first letter of the name and lowercase for all the rest.
9. In the **Replace With** box, enter the old server name again, this time using uppercase for the first letter of the name and lowercase for all the rest.
10. Click **Replace All**.

11. To confirm that there are no more entries, uncheck the **Match Case** checkbox and click on **Find Next**.

12. If there are more entries to change, use the same procedure as above to change the computer name, preserving the case.

13. After all the entries are changed, save the modified registry as **Araxi_new.reg**.

5.4.3 Editing the Creo CopyDot JTP registry file

When editing the file, ensure the case is preserved when replacing the server name.

After you have edited the file, save the changes to a new file (do not overwrite the original files). This will allow you to revert back to the original file if any mistakes were made.

1. Open the **CreoCopyDotJTP.reg** file saved above in Notepad.

2. Edit the file by replacing all instances of the old server name with the new name, and ensuring the case is preserved.

3. Save the file as **CreoCopyDotJTP_new.reg**.

5.4.4 Editing the OOC registry file

When editing the file, ensure the case is preserved when replacing the server name.

After you have edited the file, save the changes to a new file (do not overwrite the original files). This will allow you to revert back to the original file if any mistakes were made.

1. Open the **OOC.reg** file saved above in Notepad.

2. Edit the file by replacing all instances of the old server name with the new name, and ensuring the case is preserved.

3. Save the file as **OOC_new.reg**.

5.4.5 Importing the modified Araxi registry key

The modified Araxi key will be restored to the registry. The original key must be deleted before restoring. If you accidentally restore the Araxi key without removing the original Araxi key, you will end up with the union of the old and new keys. That is, you will have registry subkeys and values that contain the old computer name as well as the new computer name. If this happens, just delete the Araxi key and reload the modified Araxi key again.

1. Start Regedit.exe.

2. Delete the **Araxi** registry key. Navigate to HKLM\Software\Creo\Araxi, highlight the Araxi key and press **Delete**. Click **Yes** to delete the key.

3. Import the modified **Araxi** registry key saved in the previous section by double-clicking the **Araxi_new reg** file in Explorer, or in **Regedit**, click on **Registry>Import Registry File…**, and select the **Araxi_new reg** file.

4. Click **Yes** or **OK** as required.

5.4.6 Importing the modified CreoCopyDotJTP registry key

1. In **Regedit**, delete the **HKLM\Software\Creo\Creo CopyDot JTP** key.
2. Import the modified **Creo CopyDot JTP** registry key saved in the previous section by double-clicking the **CreoCopyDotJTP_new.reg** file in Explorer, or in **Regedit**, click on **Registry>Import Registry File…**, and select the **CreoCopyDotJTP_new reg** file.
3. Click **Yes** or **OK** as required.

5.4.7 Importing the modified OOC registry key

1. In **Regedit**, delete the **HKLM\Software\OOC** key.
2. Import the modified **OOC** registry key saved in the previous section by double-clicking the **OOC_new.reg** file in Explorer, or in **Regedit**, click on **Registry>Import Registry File…**, and select the **OOC_new reg** file.
3. Click **Yes** or **OK** as required.

5.5 Updating configuration files

After changing the server name, you must check for any references to the old server name in the files on the system.

The files that you will edit are:

- **\Ora816\Network\Admin\TNSNames.ora**
- **\Winnt\System32\Drivers\Etc\Hosts**
- **%AraxiHome%\Creoaraxi\Etc\SFMHosts**

5.5.1 Editing the TNSNAMES file

1. Open the file **D:\Ora816\Network\Admin\TNSNames.ORA** in Notepad.
2. Replace all instances of the old server name with the new name.

   Look for the parameter:

   (Host = **OLDSERVERNAME**)

   Where **OLDSERVERNAME** is the old computer name.

   change it to read: (Host = **NEWSERVERNAME**)

   That is, substitute the new computer name in place of the old computer name.
3. Save the file.

5.5.2 Editing the HOSTS file

The **HOSTS** file is used to map IP addresses to the TCP/IP host name of the server. Edit the **HOSTS** file and change the server name entry if necessary.

This is a sample entry for the **HOSTS** file:

```
192.197.219.124   pmsupport   pmsupport.creo.com
```

1. Open the file **D:\Winnt\System32\Drivers\ETC\HOSTS** in Notepad
2. If an entry for the old server name exists, change it to the new server name.
3. Re-save the file.

5.5.3 Editing the SFMHOSTS file

Note: If the server name advertised to the Macs is different from the NT server name, Prinergy maps the Mac-advertised server name to the NT server name using a file called **SFMHOSTS**. Edit the **SFMHOSTS** file and change the server name.

This is a sample entry for the **SFMHOSTS** file.

```
"ZONE:SFMServerName"="NTServerName"
```

1. Open the file **%AraxiHome%\CreoAraxi\Etc\SFMHOSTS** in Notepad.
2. If an entry for the old server name exists, change it to the new server name
3. Re-save the file.

5.6 Updating the Emergency Platemaking Configuration

If the site is licensed for Emergency Platemaking, you should update the Emergency Platemaking replication files. The replication files are stored on the primary server and EP server, and are normally updated by an NT scheduled task that normally runs at 10:00 pm. However, the replication files should be updated immediately, in case the customer has to fail-over to the EP server.

To initiate the file replication:

1. Click **Start>Programs>Administrative Tools>Services**.
2. In **Services**, right-click the **AraxiFileReplicator** service and click **Start**.

5.7 Testing the system

After the primary server is renamed and the secondary servers and render stations are updated with the new primary server name, perform a test to ensure that Prinergy functions correctly.

6. RENAMING A SECONDARY SERVER OR RENDER STATION

To change the computer name of a secondary server or render station, follow the procedure in Section 6. After completing Section 6, update the primary server using the procedure in Section 7.

6.1 Backing up the system

This procedure will change the configuration on both the primary server and the server you will be renaming. Therefore, ensure you have a current and valid backup of both servers before you attempt to rename the server.

6.2 Shut down Prinergy

Shut down Prinergy on all servers.

Perform the rest of the steps in Section 6 on the server you will be renaming.

6.3 Create a Rename folder

Create a folder called **Rename** on the server to be renamed. The folder should be on a drive that has at least 300 MB of free space.

6.4 Backing up the system state

The system state will be backed up to a file as a precautionary measure. This is done as a matter of convenience, just in case you have to restore the registry.

1. Start **NTBackup**. (Click **Start>Run** and enter `NTBackup` in the **Open:** box.)
2. In **NTBackup**, click on the **Backup** tab.
3. Click the checkbox next to **System State** in the left pane.
4. Next to the **Backup media or file name** box, click **Browse…**.
5. Navigate to the **Rename** folder. Enter the name `SystemState_<servername>` in the **File name** box. (Replace `<servername>` with the name of the server). Click **Open**.
6. Click **Start Backup** to begin the system state backup.
7. After the backup is complete, click **Close** and exit **NTBackup**.

6.5 Renaming the server

These steps will change the Win2K computer name. First, you must determine if the computer is in a domain or workgroup. If the computer is in a domain, you will require a domain user account and password that has sufficient privileges to add the server to the domain.

6.5.1 Changing the computer name

1. Log in as **Administrator**.
2. Click **Start>Settings>Control Panel**, and open **System**.
3. Click on the **Network Identification** tab.
4. You will see the word **Workgroup:** or **Domain:** below **Full computer name**. If the computer is in a domain, you will require a user account with the authority to add and remove computers from the domain to change the computer name. If so, you will need the services of the customer's IT department at this point.
5. To change the computer name, click **Properties**. This will open the **Identification Changes** dialog box.
6. Enter the new computer name in the **Computer name** box.
7. Click **OK**.
8. If the computer is in a domain, the customer's IT department must enter the username and password of a user that has permissions to rename the computer in the domain. If the computer is in an NT4 domain, you may get an "Access denied" error when renaming the server. In this case, you must remove the computer from the domain, then change the computer name and finally re-add the computer back into the domain.
9. Click **OK** twice.
10. Click **Yes** to re-boot the computer.

6.6 Updating the registry

The registry will have to be updated with the new server name. Most of the registry keys that contain the server name will be in the Araxi, Creo CopyDot JTP, and OOC keys. The registry is updated as follows:

- Exporting and importing the keys, using **Regedit**
- Using **Regfind**
- Manually renaming keys, using **Regedit**

The server name may appear in all lower case letters, all upper case letters or a combination of each. When updating the registry, ensure that the case is preserved at all times.

If the computer name uses a very generic name such as Prinergy or Primary or Secondary, make sure that the values you will be updating only refer to the computer name.

6.6.1 Saving the Araxi, Creo CopyDot JTP, OOC, and Lanmanserver keys to a file

The Araxi, Creo CopyDot JTP, OOC, and Lanmanserver registry keys are saved to separate files. This will allow you to edit all occurrences of the server name and, finally, to restore the registry using the updated file.

1. Start **Regedit** (do not use **Regedt32**).
2. In **Regedit**, highlight the **HKLM\Software\Creo\Araxi** key.
3. Click **Registry>Export Registry File…**.
4. Export the registry key as **Araxi.reg** in the **Rename** folder.
5. Highlight the **HKLM\Software\Creo\Creo CopyDot JTP** registry key.
6. Export the **Creo CopyDot JTP** registry key as **CreoCopyDotJTP.reg**.
7. Highlight the **HKLM\Software\OOC** registry key.
8. Export the **OOC** registry key as **OOC.reg** in the **Rename** folder.
9. Highlight the **HKLM\System\CurrentControlSet\Services\Lanmanserver** registry key.
10. Export the **LanmanServer** registry key as **LanmanServer*.reg*** in the **Rename** folder.

6.6.2 Editing the Araxi registry file

When editing the file, ensure the case is preserved when replacing the server name.

After you have edited the file, save the changes to a new file (do not overwrite the original file). This will allow you to revert back to the original file if any errors were made.

1. Right-click the **Araxi.reg** file saved above and click **Edit** to open the file in Notepad.
2. Click **Edit>Replace…**.
3. Check the **Match Case** checkbox.
4. In the **Find What** box, enter the old server name using all uppercase letters.
5. In the **Replace With** box, enter the new server name using all uppercase letters.
6. Click **Replace All**.
7. Ensure the **Match Case** checkbox is still checked.
8. In the **Find What** box, enter the old server name again, this time using uppercase for the first letter of the name and lowercase for all the rest.
9. In the **Replace With** box, enter the old server name again, this time using uppercase for the first letter of the name and lowercase for all the rest.
10. Click **Replace All**.
11. To confirm that there are no more entries, uncheck the **Match Case** checkbox and click on **Find Next**.
12. If there are more entries to change, use the same procedure as above to change the computer name, preserving the case.
13. After all the entries are changed, save the modified registry as **Araxi_new.reg**.

6.6.3 Editing the Creo CopyDot JTP registry file

When editing the file, ensure the case is preserved when replacing the server name.

After you have edited the file, save the changes to a new file (do not overwrite the original files). This will allow you to revert back to the original file if any errors were made.

1. Open the **CreoCopyDotJTP.reg** file saved above in Notepad.
2. Edit the file by replacing all instances of the old server name with the new name, | and ensuring the case is preserved.
3. Save the file as **CreoCopyDotJTP_new.reg**.

6.6.4 Editing the OOC registry file

When editing the file, ensure the case is preserved when replacing the server name.

After you have edited the file, save the changes to a new file (do not overwrite the original files). This will allow you to revert back to the original file if any errors were made.

1. Open the **OOC.reg** file saved above in Notepad.
2. Edit the file by replacing all instances of the old server name with the new name, and ensuring the case is preserved.
3. Save the file as **OOC_new.reg**.

6.6.5 Editing the Lanmanserver registry file

When editing the file, ensure the case is preserved when replacing the server name.

After you have edited the file, save the changes to a new file (do not overwrite the original files). This will allow you to revert back to the original file if any errors were made.

1. Open the **Lanmanserver.reg** file saved above in Notepad.
2. Edit the file by replacing all instances of the old server name with the new name, and ensuring the case is preserved.
3. Save the file as **Lanmanserver_new.reg**.

6.6.6 Importing the modified Araxi registry key

The modified Araxi key will be restored to the registry. The original key must be deleted before restoring. If you accidentally restore the Araxi key without removing the original Araxi key, you will end up with the union of the old and new keys. That is, you will have registry subkeys and values that contain the old computer name as well as the new computer name. If this happens, just delete the Araxi key and reload the modified Araxi key again.

5. Start Regedit.exe

1. Delete the **Araxi** registry key. Navigate to HKLM\Software\Creo\Araxi, highlight the Araxi key and press **Delete**. Click **Yes** to delete the key.

2. Import the modified **Araxi** registry key saved in the previous section by double-clicking the ***Araxi_new.reg*** file in Explorer, or in **Regedit**, click on **Registry>Import Registry File…**, and select the **Araxi_new reg** file.

3. Click **Yes** or **OK** as required.

6.6.7 Importing the modified CreoCopyDotJTP registry key

1. In **Regedit**, delete the **HKLM\Software\Creo\Creo CopyDot JTP** key.

2. Import the modified **Creo CopyDot JTP** registry key saved in the previous section by double-clicking the **CreoCopyDotJTP_new.reg** file in Explorer, or in **Regedit**, click on **Registry>Import Registry File…**, and select the **CreoCopyDotJTP_new reg** file.

3. Click **Yes** or **OK** as required.

6.6.8 Importing the modified OOC registry key

1. In **Regedit**, delete the **HKLM\Software\OOC** key.

2. Import the modified **OOC** registry key saved in the previous section by double-clicking the **OOC_new.reg** file in Explorer, or in **Regedit**, click on **Registry>Import Registry File…**, and select the **OOC_new reg** file.

3. Click **Yes** or **OK** as required.

6.6.9 Importing the modified Lanmanserver registry key

1. In **Regedit**, delete the **HKLM\System\CurrentControlSet\Services\Lanmanserver** key.

2. Import the modified **Lanmanserver** registry key saved in the previous section by double-clicking the **Lanmanserver_new.reg** file in Explorer, or in **Regedit**, click on **Registry>Import Registry File…**, and select the **Lanmanserver_new reg** file.

3. Click **Yes** or **OK** as required.

6.6.10 Checking the rest of the registry

In the previous section, you updated specific registry keys with the new server name. Those keys contained the majority of the references to the old server name. The old server name may also be stored in other parts of the registry. You will use the Resource Kit utility, **REGFIND**, to search and replace the server name in the rest of the registry. However, **Regfind** is only able to change registry values and is not able to rename registry keys. After you use **Regfind**, you will use **Regedit** to rename any remaining registry keys.

6.6.11 Updating registry data

1. Open a DOS window and change to the directory **D:\Drivers\Reskit**.

2. Search for registry keys where the data field contains the old server name in lower case. In a DOS window, run:

   `D:\> REGFIND oldservername` where the old server name is in lower case

3. Update the registry keys that contain the old server name in lower case by running:

   ```
   D:\> REGFIND oldservername -r newservername
   ```

   - use lower case for both names
   - the **–r** flag replaces all matches with the new value

4. Search for registry entries where the data field contains the old server name in UPPER case by running:

   ```
   D:\> REGFIND OLDSERVERNAME
   ```

5. Update the registry keys that contain the old server name in UPPER case by running:

   ```
   D:\> REGFIND OLDSERVERNAME -r NEWSERVERNAME
   ```

   - use upper case for both names
   - the **–r** flag replaces all matches with the new value

6. Do a case-insensitive search for any other registry entry that may contain the old server name (for example, in the format **OldServerName**).

   ```
   D:\> REGFIND oldservername -y
   ```

7. Update the registry keys that contain the old server name in mixed case by running:

   ```
   D:\> REGFIND Oldservername -r Newservername
   ```

8. Perform a case-insensitive search again for the old server name. It should return no entries.

6.6.12 Updating registry key names

1. Start **REGEDIT**, by clicking on **Start>Run** and entering **REGEDIT** in the **Run** dialog box.
2. In **REGEDIT**, click on **Edit>Find**.
3. Enter the old server name in the **Find** dialog box.
4. Check the **Data**, **Keys** and **Values** boxes.
5. Click on **Find Next**.
6. When **REGEDIT** finds a match, right-click on the highlighted entry and select **Rename** (or **Modify**, if editing the registry data field).
7. Change the name to the new server name, preserving the original case.
8. Press `F3` to find the next match.
9. Continue changing the entries until you have searched the entire registry.

6.6.13 Reboot the server

Shutdown and restart the system to enable the changes to the System registry hive to take effect.

6.7 Updating configuration files

After changing the server name, you must check for any references to the old server name in the files on the system.

The files that you will edit are:

- **\Ora816\Network\Admin\TNSNames.ora**
- **\Ora816\Network\Admin\Listener.ora (only on EP servers and primaries)**
- **\Winnt\System32\Drivers\Etc\Hosts**
- **%AraxiHome%\Creoaraxi\Etc\SFMHosts**

6.7.1 Editing the TNSNAMES file

1. Open the file **D:\Ora816\Network\Admin\TNSNames.ORA** in Notepad.
2. Replace all instances of the old server name with the new name.

   Look for the parameter:

   (Host = **OLDSERVERNAME**)

   Where **OLDSERVERNAME** is the old computer name.

   change it to read: (Host = **NEWSERVERNAME**)

   That is, substitute the new computer name in place of the old computer name.
3. Save the file.

6.7.2 Editing the LISTENER file

This file will only exist on EP servers and primary servers.

1. Open the file: **D:\Ora816\Network\Admin\LISTENER.ORA** in Notepad.

   Look for the parameter:

   (Host = **OLDSERVERNAME**)

   Where **OLDSERVERNAME** is the old computer name.

   change it to read: (Host = **NEWSERVERNAME**)

   That is, substitute the new computer name in place of the old computer name.
2. Save the file.

6.7.3 Editing the HOSTS file

The **HOSTS** file is used to map IP addresses to the TCP/IP host name of the server. Edit the **HOSTS** file and change the server name entry if necessary.

This is a sample entry for the **HOSTS** file:

```
192.197.219.124   pmsupport   pmsupport.creo.com
```

1. Open the file **D:\Winnt\System32\Drivers\ETC\HOSTS** in Notepad
2. If an entry for the old server name exists, change it to the new server name.
3. Re-save the file.

6.7.4 Editing the SFMHOSTS file

Note: If the server name advertised to the Macs is different from the NT server name, Prinergy maps the Mac-advertised server name to the NT server name using a file called **SFMHOSTS**. Edit the **SFMHOSTS** file and change the server name.

This is a sample entry for the **SFMHOSTS** file.

```
"ZONE:SFMServerName"="NTServerName"
```

1. Open the file **%AraxiHome%\CreoAraxi\Etc\SFMHOSTS** in Notepad.
2. If an entry for the old server name exists, change it to the new server name
3. Re-save the file.

6.8 Updating the Orbacus configuration in Prinergy 2.1 systems

Prinergy 2.1 uses the product called Orbacus for the CORBA layer. The Orbacus configuration must be updated with the new server name. The process for this is quite involved, therefore a Python script called **OrbacusConfig.cmd** was written to automate the process.

Note: This step is only required for Prinergy 2.1 systems. For Prinergy 2.0.x systems, you should skip this step.

1. Copy the Python script called **OrbacusConfig.cmd** onto the server.
2. Open a command prompt window and enter:

   ```
   D:\> OrbacusConfig -init
   ```

3. This will create new Orbacus configuration files. The script will save the original configuration files in a backup folder using the naming convention: **%AraxiHome%\IonaOrbacus\backup_<date>_<time>**
4. If the script fails, correct the problem, and re-run the script. The script will save the Orbacus configuration again in a new backup folder.

7. UPDATING THE PRIMARY SERVER AFTER RENAMING A SECONDARY SERVER OR RENDER STATION

The primary server will now be updated with the new secondary server or render station name.

7.1 Create a Rename folder

Create a folder called **Rename** on the primary server. The folder should be on a drive that has at least 300 MB of free space.

7.2 Backing up the system state

The system state on the primary server will be backed up to a file as a precautionary measure. This is done as a matter of convenience, just in case you have to restore the registry.

1. Start **NTBackup**. (Click **Start>Run** and enter `NTBackup` in the **Open:** box.)
2. In **NTBackup**, click on the **Backup** tab.
3. Click the checkbox next to **System State** in the left pane.
4. Next to the **Backup media or file name** box, click **Browse…**.
5. Navigate to the **Rename** folder. Enter the name `SystemState_<servername>` in the **File name** box. (Replace `<servername>` with the name of the server). Click **Open**.
6. Click **Start Backup** to begin the system state backup.
7. After the backup is complete, click **Close** and exit **NTBackup**.

7.3 Updating the registry on the primary server

The registry on the primary server will have to be updated with the new secondary server (or render station) name. Updating the primary server registry will change the names of the JTPs that reside on the renamed server as well as the hot folder paths.

7.3.1 Saving the Araxi key to a file

Perform these steps on the primary server.

1. Start **Regedit** (do not use **Regedt32**).
2. In **Regedit**, highlight the **HKLM\Software\Creo\Araxi** key.
3. Click **Registry>Export Registry File**.
4. Export the registry key as **Araxi.reg** in the **D:\Temp** folder or in another easy-to-find location.

7.3.2 Editing the Araxi registry file

When editing the file, ensure the case is preserved when replacing the server name.

After you have edited the file, save the changes to a new file (do not overwrite the original file). This will allow you to revert back to the original file if any errors were made.

If the computer name uses a very generic name such as Prinergy or Primary or Secondary, make sure that the values you will be updating only refer to the computer name.

1. Open the **Araxi.reg** file saved above in Notepad.
2. Click **Edit>Replace…**.
3. Check the **Match Case** checkbox.
4. In the **Find What** box, enter the old server name using all uppercase letters.
5. In the **Replace With** box, enter the new server name using all uppercase letters.
6. Click **Replace All**.
7. Ensure the **Match Case** checkbox is still checked.
8. In the **Find What** box, enter the old server name again, this time using uppercase for the first letter of the name and lowercase for all the rest.
9. In the **Replace With** box, enter the old server name again, this time using uppercase for the first letter of the name and lowercase for all the rest.
10. Click **Replace All**.
11. To confirm that there are no more entries, uncheck the **Match Case** checkbox and click on **Find Next**.
12. If there are more entries to change, use the same procedure as above to change the computer name, preserving the case.
13. After all the entries are changed, save the modified registry as **Araxi_new.reg**.

7.3.3 Importing the modified Araxi registry key

The modified Araxi key will be restored to the registry. The original key must be deleted before restoring. If you accidentally restore the Araxi key without removing the original Araxi key, you will end up with the union of the old and new keys. That is, you will have registry subkeys and values that contain the old computer name as well as the new computer name. If this happens, just delete the Araxi key and reload the modified Araxi key again.

1. Start Regedit.exe.
2. Delete the **Araxi** registry key. Navigate to HKLM\Software\Creo\Araxi, highlight the Araxi key and press **Delete**. Click **Yes** to delete the key.
3. Import the modified **Araxi** registry key saved in the previous section by double-clicking the **Araxi_new.reg** file in Explorer, or in **Regedit**, click on **Registry>Import Registry File…**, and select the **Araxi_new reg** file.
4. Click **Yes** or **OK** as required.

7.3.4 Checking the rest of the registry

In the previous section you updated specific registry keys with the new server name. Those keys contained the majority of the references to the old server name. The old server name may also be stored in other parts of the registry. You will use the Resource Kit utility, **REGFIND**, to search and replace the server name in the rest of the registry. However, **Regfind** is only able to change registry values and is not able to rename registry keys. After you use **Regfind**, you will use **Regedit** to rename any remaining registry keys.

7.3.5 Updating registry data

1. Open a DOS window and change to the directory **D:\Drivers\Reskit**.
2. Search for registry keys where the data field contains the old server name in lower case. In a DOS window, run:

   `D:\> REGFIND oldservername` where the old server name is in lower case
3. Check the output of Regfind, and if the server has a generic name, ensure the registry keys that you will be updating only refer to the computer name.
4. Update the registry keys that contain the old server name in lower case by running:

   `D:\> REGFIND oldservername -r newservername`

   - use lower case for both names
   - the **–r** flag replaces all matches with the new value
5. Search for registry entries where the data field contains the old server name in UPPER case by running:

   `D:\> REGFIND OLDSERVERNAME`
6. Update the registry keys that contain the old server name in UPPER case by running:

   `D:\> REGFIND OLDSERVERNAME -r NEWSERVERNAME`

   - use upper case for both names
   - the **–r** flag replaces all matches with the new value
7. Do a case-insensitive search for any other registry entry that may contain the old server name (for example, in the format **OldServerName**).

   `D:\> REGFIND oldservername -y`
8. Update the registry keys that contain the old server name in mixed case by running:

   `D:\> REGFIND Oldservername -r Newservername`
9. Perform a case-insensitive search again for the old server name. It should return no entries.

7.3.6 Updating registry key names

1. Start **REGEDIT**, by clicking on **Start>Run** and entering `REGEDIT` in the **Run** dialog box.
2. In **REGEDIT**, click on **Edit>Find**.
3. Enter the old server name in the **Find** dialog box.
4. Check the **Data**, **Keys** and **Values** boxes.
5. Click on **Find Next**.
6. When **REGEDIT** finds a match, right-click on the highlighted entry and select **Rename** (or **Modify**, if editing the registry data field).
7. Change the name to the new server name, preserving the original case.
8. Press `F3` to find the next match.
9. Continue changing the entries until you have searched the entire registry.

7.3.7 Reboot the server

Shutdown and restart the system to enable the changes to the System registry hive to take effect.

7.4 Updating the Prinergy database

If the renamed server contains a job volume, there may be jobs in the database that reference the old server name or share name. The database will have to be updated with the new server name.

The share names are usually prefixed by **AraxiVolume_** (for example, **AraxiVolume_YCS9998-999_G**).

1. Ensure Prinergy is stopped.
2. Open a Command Prompt window.
3. Start **SQLPLUS**:

```
D:\> SQLPLUS prinergy/araxi

SQL*Plus: Release 8.1.6.0.0 - Production on Wed Jan 8 14:52:33 2003

(c) Copyright 1999 Oracle Corporation.  All rights reserved.

Connected to:

Oracle8i Release 8.1.6.1.0 - Production

JServer Release 8.1.6.0.0 - Production
```

4. In **SQLPLUS**, execute this query:

```
SQL> SELECT DISTINCT jckdrootfolderservername,
jckdrootfoldersharename FROM DBCS_Jacket;

JCKDROOTFOLDERSERVERNAME                  JCKDROOTFOLDERSHARENAME
```

```
------------------------------------------ ------------------------------------
------------------------

%PRIMARY%                                  AraxiVolume_YCS9998-999_G

YCS9999-999                                AraxiVolume_YCS9999-999_J
```

This will display all shared job volumes on all servers that have been used to hold jobs. On Prinergy 2.1 systems, the value `%PRIMARY%` in the **JckdRootFolderServerName** column represents the primary server.

5. In **SQLPLUS**, execute this query:

```
SQL> SELECT DISTINCT regfileservername, regfilesharename FROM
DBCS_RegisteredFile;

REGFILESERVERNAME                          REGFILESHARENAME

------------------------------------------ ------------------------------------
-----

%PRIMARY%                                  AraxiVolume_YCS9998-999_G

YCS9999-999                                AraxiVolume_YCS9999-999_J
```

This will display all servers and shared job volumes that contain files registered in the database.

6. If the old server name or old share name shows up in the results of either of these queries, **PChangeJobShare** must be run to update the database with the new server name and share name.

7. To exit **SQLPLUS**, enter:

```
SQL> exit
```

8. Next, run:

```
D:\> PCHANGEJOBSHARE NEWSERVERNAME New_JobShare_Name -h OLDSERVERNAME
-s Old_JobShare_Name
```

Note: Use upper case for the server name and preserve the case on the share name.

Example:

The secondary server name was changed from **YCS9999-999** to **SECONDARY**.

```
D:\> pchangejobshare SECONDARY AraxiVolume_SECONDARY_J -h YCS9999-999
-s AraxiVolume_YCS9999-999_J
```

This changes all references to the server name and share names to the new values.

If the database is successfully updated, the utility should return the following:

```
Starting Update.....

Will update 1275 database entries.

completed.
```

9. Run **PChangeJobShare** for all the job shares that have been changed.

7.5 Updating the process plans

Any process plan containing the old server name must now be updated. To do this, perform a search for the old server name in **the %AraxiHome%\CreoAraxi\Data\ProcessPlans** folder on the primary server. If any matches are found, start Prinergy on the primary server and change the process plan(s) using the process plan editor.

7.5.1 Searching for the server name in Process Plans

1. Start Explorer.
2. Navigate to the folder **%AraxiHome%\CreoAraxi\Data\ProcessPlans** residing on the primary server.
3. Click on **Search** and enter the old server name in the **Containing Text** box.
4. Click **Search Now**.
5. If any process plans contain the old server name, update the process plans.

7.5.2 Updating Process Plans

Only perform this step if any process plans contain the old server name.

1. Start Prinergy.
2. Start Workshop.
3. Start the Process Plan Editor.
4. Open the process plan(s) containing the old server name and edit the entries.
5. Re-save the process plan(s).

7.6 Updating the Emergency Platemaking Configuration

If the site is licensed for Emergency Platemaking, you should update the Emergency Platemaking replication files. The replication files are stored on the primary server and EP server, and are normally updated by an NT scheduled task that normally runs at 10:00 pm. However, the replication files should be updated immediately, in case the customer has to fail-over to the EP server.

To initiate the file replication:

1. Click **Start>Programs>Administrative Tools>Services**.
2. In **Services**, right-click the **AraxiFileReplicator** service and click **Start**.

8. RENAMING A TERTIARY SERVER

Note: Tertiary servers are not covered under service contracts, and any work performed should be billed to the customer.

Renaming the tertiary server should be left to the customer.

After the customer has renamed the server, you will update the database and configuration files with the new tertiary server name.

8.1 Renaming the server

Have the customer rename the tertiary server.

9. UPDATING THE PRIMARY AFTER RENAMING A TERTIARY SERVER

After the tertiary server is renamed, the database and configuration files on the primary server must be updated.

9.1 Updating the database

After the tertiary server is renamed, the Prinergy database must be updated with the new tertiary server name and job volume share name(s).

The share names are typically prefixed by **AraxiVolume_** (for example, **AraxiVolume_YCS9999-999_G**).

1. Ensure Prinergy is stopped.
2. Open a Command Prompt window on the primary server.
3. Start **SQLPLUS**:

```
D:\> SQLPLUS prinergy/araxi

SQL*Plus: Release 8.1.6.0.0 - Production on Wed Jan 8 14:52:33 2003

(c) Copyright 1999 Oracle Corporation.  All rights reserved.

Connected to:

Oracle8i Release 8.1.6.1.0 - Production

JServer Release 8.1.6.0.0 - Production
```

4. In **SQLPLUS**, execute this query:

```
SQL> SELECT DISTINCT jckdrootfolderservername,
jckdrootfoldersharename FROM DBCS_Jacket;

JCKDROOTFOLDERSERVERNAME                    JCKDROOTFOLDERSHARENAME

------------------------------------------- ----------------------------------------
------------------------

%PRIMARY%                                   AraxiVolume_YCS9998-999_G

YCS9999-999                                 AraxiVolume_YCS9999-999_J
```

   This will display all shared job volumes on all servers that have been used to hold jobs. On Prinergy 2.1 systems, the value `%PRIMARY%` in the **JckdRootFolderServerName** column represents the primary server.

5. In **SQLPLUS**, execute this query:

```
SQL> SELECT DISTINCT regfileservername, regfilesharename FROM
DBCS_RegisteredFile;

REGFILESERVERNAME                          REGFILESHARENAME

------------------------------------------ ----------------------------------------
-----

%PRIMARY%                                  AraxiVolume_YCS9998-999_G

YCS9999-999                                AraxiVolume_YCS9999-999_J
```

This will display all servers and shared job volumes that contain files registered in the database.

6. If the old server name or old share name shows up in the results of either of these queries, **PChangeJobShare** must be run to update the database with the new server name and share name.

7. To exit **SQLPLUS**, enter:

```
SQL> exit
```

8. Next, run:

```
D:\> PCHANGEJOBSHARE NEWSERVERNAME New_JobShare_Name -h OLDSERVERNAME
-s Old_JobShare_Name
```

Note: Use upper case for the server name and preserve the case on the share name.

Example:

```
D:\> pchangejobshare NEWTERT AraxiVolume_NEWTERT_G -h TERT -s
AraxiVolume_TERT_G
```

This changes all references to the server name and share names to the new values.

If the database is successfully updated, the utility should return the following:

```
Starting Update.....

Will update 1275 database entries.

completed.
```

9. Run **PChangeJobShare** for all the **AraxiVolume_**… job shares found on the server.

9.2 Removing the tertiary from the Prinergy system

Remove the tertiary from the Prinergy system using **UADM**.

1. Start Prinergy Administrator (**UADM**).
2. Click on **Tools>Configure System…**.
3. Click on the **Servers** tab.
4. Highlight the tertiary server and click **Remove Server**.

9.3 Re-adding the tertiary to the Prinergy system

After the tertiary server name has been changed, re-add the tertiary server to Prinergy and re-add the shared folders.

9.3.1 Adding the tertiary server

1. In **UADM**, click on **Tools>Configure System…**.
2. Click on the **Servers** tab.
3. Next to the **Tertiary Servers** box, click **Add Server…**.
4. Enter the new server name in the box and click **OK**.

9.3.2 Adding the shared folders

1. Start Prinergy.
2. In **UADM**, click on **Tools>Configure System…**.
3. Click on the **Shared Folders** tab.
4. A list of the currently shared folders will appear in the **Accessible Folders** box. The shared folders that existed on the tertiary server before it was renamed will appear in the list. You can use that as a reference while you add the shared folders for the renamed tertiary server.
5. In the bottom half of the window, double-click the Microsoft Windows Network or the network that the tertiary server is in.
6. Navigate to the tertiary server, and highlight the network share that you wish to add.
7. Click on the **Add Folder** button.
8. Repeat the steps above to add the rest of the shared folders.
9. In the **Accessible Folders** box, highlight one of the shared folders associated with the old tertiary server name.
10. Click on the **Remove Folder** button to remove the share.
11. Repeat for the rest of the shared folders that are associated with the old server name.

9.4 Updating configuration files

After changing the tertiary server name, you must check for any references to the old tertiary server name in the files on the primary server.

The files that you will edit are:

- **\Winnt\System32\Drivers\Etc\Hosts**
- **%AraxiHome%\Creoaraxi\Etc\SFMHosts**
- **%AraxiHome%\Creoaraxi\Etc\OtherHosts**

9.4.1 Editing the HOSTS file

The **HOSTS** file is used to map ip addresses to the TCP/IP host name of the server. Edit the **HOSTS** file and change the server name entry if necessary.

This is a sample entry for the **HOSTS** file:

```
192.197.219.124   pmsupport   pmsupport.creo.com
```

1. Open the file **D:\Winnt\System32\Drivers\ETC\HOSTS** in Notepad
2. If an entry for the old server name exists, change it to the new server name.
3. Re-save the file.

9.4.2 Editing the SFMHOSTS file

Note: If the server name advertised to the Macs is different from the NT server name, Prinergy maps the Mac-advertised server name to the NT server name using a file called **SFMHOSTS**. Edit the **SFMHOSTS** file and change the server name.

This is a sample entry for the **SFMHOSTS** file.

```
"ZONE:SFMServerName"="NTServerName"
```

1. Open the file **%AraxiHome%\CreoAraxi\Etc\SFMHOSTS** in Notepad.
2. If an entry for the old server name exists, change it to the new server name
3. Re-save the file.

9.4.3 Editing the OTHERHOSTS file

If the site has Unix servers and non-NT machines that have Mac-accessible volumes, you must edit the otherhosts file. The otherhosts file will map the Unix server's name as seen by a Mac to the Unix server's name as seen by an NT machine.

This is a sample entry for the **OTHERHOSTS** file.

```
[/etc/otherhosts]

"ZONE:SFMServerName"="NTServerName"


[shares]

NtHost="NTBLATSERVER1"

"MacVolumeA"="NTShareA"

"MacVolumeB"="NTShareB"

NtHost="NTBLATSERVER2"

"MacVolumeX"="NTShareX"
```

1. Open the file **%AraxiHome%\CreoAraxi\Etc\OTHERHOSTS** in Notepad.
2. If an entry for the old server name exists, change it to the new server name.
3. Re-save the file.

9.5 Testing the system

After the tertiary server is renamed and the primary server is updated with the new tertiary server name, perform a test to ensure that Prinergy can access the tertiary server.