Kodak

Prinergy

Renaming a Prinergy 4.x Server

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CONTENTS

Revision History i

1. Scope 1

2. Prerequisites 1

3. Task Summary 2
   - 3.1 Changing a Primary Server Name 2
     - 3.1.1 Renaming the Primary Server: Outline 2
     - 3.1.2 Updating the Secondary Servers and Render Stations With the New Primary Server Name 3
   - 3.2 Changing a Secondary Server or Render Station Name 3
     - 3.2.1 Renaming the Secondary Server or Render Station 3
     - 3.2.2 Updating the Primary Server With the New Secondary Server Name or Render Station Name 4
   - 3.3 Changing a Tertiary Server Name 4
     - 3.3.1 Renaming the Tertiary Server 4
     - 3.3.2 Updating the Primary Server With the New Tertiary Server Name 4

4. Renaming a Primary Server 5
   - 4.1 Drive Configurations 5
   - 4.2 Setting Up the Rename Utility 5
   - 4.3 Shutting Down Prinergy 5
   - 4.4 Backing Up the System 5
     - 4.4.1 Backing Up the System State 5
     - 4.4.2 Backing Up the Database 6
   - 4.5 Changing the Computer Name 6
   - 4.6 Updating the Registry 7
     - 4.6.1 Updating the Registry Using the Script 7
     - 4.6.2 Manually Updating Other Keys 8
     - 4.6.3 Restarting the Server 8
   - 4.7 Updating the Configuration Files 8
   - 4.8 Updating the Database 9
     - 4.8.1 Updating the Database With the New Server Name and Share Name 9
     - 4.8.2 Updating the Job Daemon With the New Server Name 10
   - 4.9 Updating the Orbacus Configuration 11
   - 4.10 Updating the Harmony Shortcut 11
   - 4.11 Updating IIS and InSite Prepress Portal (if installed) 11
   - 4.12 Updating Link (if installed) 13

5. Updating Secondary Servers and Render Stations With the New Primary Server Name 13
5.1 Setting Up the Rename Utility....13
5.2 Backing Up the System State....14
5.3 Updating the Registry....14
5.4 Updating the Configuration Files....14
5.5 Updating the Emergency Platemaking Configuration....14
5.6 Testing the System....15

6. Renaming a Secondary Server or a Render Station....16
6.1 Setting Up the Rename Utility....16
6.2 Backing Up the System....16
6.3 Backing Up the System State....16
6.4 Shutting Down Prinergy....16
6.5 Changing the Computer Name....16
6.6 Updating the Registry....16
6.7 Updating the Configuration Files....17
6.8 Updating the Orbacus Configuration....17

7. Updating the Primary Server With the New Secondary Server or Render Station Name 17
7.1 Setting Up the Rename Utility....17
7.2 Backing Up the System State....17
7.3 Updating the Registry....17
7.4 Updating the Prinergy Database....18
7.5 Updating the Harmony Shortcut....18
7.6 Updating the Emergency Platemaking Configuration....18
7.7 Testing the System....18

8. Renaming a Tertiary Server....18
8.1 Renaming the Server....18
8.2 Updating the Database....18
8.3 Updating the Configuration Files....19
8.4 Removing and Reconnecting the Tertiary Server to the Prinergy System....19
8.4.1 Removing the Tertiary Server From the Prinergy System....19
8.4.2 Adding the Tertiary Server Back Into the Prinergy System....19
8.4.3 Adding the Input Volumes....19
8.5 Testing the System....20

9. Appendix A: Reverting to the Old Server Name....21
9.1 Restoring the Registry Keys on the Server....21
9.1.1 Renaming the Original Registry Keys....21
9.1.2 Restoring the Backup Registry Keys....22
9.2 Restoring the Backup Files on the Server....22
9.3 Restoring the Backup Registry Keys on the Other Servers....23
9.3.1 Renaming the Original Registry Keys....23
9.3.2 Restoring the Backup Registry Keys....23
9.4 Restoring Backup Files on the Other Servers....24
9.5 Testing the System....24
9.6 Deleting Renamed Registry Keys....24

10. Appendix B: Manually Updating the Registry 25
10.1 Saving the Araxi Key to a File 25
10.2 Editing the Araxi Registry File 25
10.3 Importing the Modified Araxi Registry Key 26
10.4 Checking the Rest of the Registry 26
10.4.1 Updating Registry Data 26
10.4.2 Updating Registry Key Names 27

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1. SCOPE

This document provides step-by-step instructions for changing the server name on a Kodak Prinergy® primary server, secondary server, or render station running Prinergy version 4.x.

To rename a primary server running earlier versions of Prinergy software, see the following documents:

- For Prinergy systems running Prinergy 3.x, see *Renaming a Prinergy 3.x Server* (719-00042B), available at http://techplanet.creo.com/software_solutions/workflow_software/prinergy/nav/v3-1/proced.htm#other
- For Prinergy systems running Prinergy 2.0–2.3, see *Renaming a Prinergy 2.x Server* (719-00042A), available at http://techplanet.creo.com/software_solutions/workflow_software/prinergy/nav/v2-0/proced.htm#other
- For Prinergy systems running Prinergy 1.1, see *Renaming a Prinergy Server*, available at http://techplanet.creo.com/software_solutions/workflow_software/prinergy/nav/v1-1/proced.htm#other

2. PREREQUISITES

Ensure that you have the following files and documents before starting the renaming procedure:

- The **rename.zip** file, available at http://techplanet.creo.com/software_solutions/workflow_software/prinergy/nav/v4-0_connect/downloads.htm#scripts

  This file contains the following commands, script, and executable used to rename the registry and configuration files:

  - **RegistrySearchAndReplace.cmd**
  - **FileSearchAndReplace.cmd**
  - **fileinput.py, fnmatch.py**
  - **Regfind.exe**
- To install Prinergy EPM or Hot Standby optional components, you must have one of the following documents, as appropriate:

  - *Emergency Platemaking and NSI Double-Take Installation and Operation* (731-00450B)
  - *Emergency Platemaking and VERITAS Storage Replicator Installation and Operation* (717-00126B)

  The documents are available on the TechPlanet Prinergy 4.0 Procedures page at http://techplanet.creo.com/software_solutions/workflow_software/prinergy/nav/v4-0_connect/proced.htm#backup

- If an InSite Prepress Portal server is connected to the primary server that is being renamed, ensure that the Prepress Portal software is at version 4.5 or later.

3. TASK SUMMARY

This document contains separate procedures for changing the name of the primary server, the secondary server or render station, and the tertiary server. In each case, you rename the server and then update other servers with the new name.

This section outlines the tasks that must be performed on all Prinergy servers to change any server name.

Note: In the procedures, substitute any references to OLDSERVERNAME with the existing name of the server. Substitute references to NEWSERVERNAME with the new name of the server.

3.1 Changing a Primary Server Name

This section provides an outline of the steps to change the computer name of a primary server. For detailed procedures, see Section 4 Renaming a Primary Server and Section 5 Updating Secondary Servers and Render Stations With the New Primary Server Name.

Note: When changing the computer name, ensure that it is not a generic name such as **Prinergy** or **Primary**. If used as names, these words may show up in files and in the registry, which will make it very difficult to automate updates of the files and registry.

3.1.1 Renaming the Primary Server: Outline

1. Shut down Prinergy.
2. Ensure the system files and the database are backed up to tape.
3. Create a system-state backup to disk.
4. Create a cold backup of the database files.
5. Download the **rename.zip** file to the root of the system drive and unzip it (password: `creo`).

   The scripts and utilities appear in a folder called **Rename**. Use this folder to hold all files required for the renaming procedure.
6. Rename the server.
7. Update the registry.
8. Update the following configuration files:
   - **Tnsnames.ora**
   - **Listener.ora**
   - **hosts**
   - **SFMHosts**
9. Run the PchangeJobShare utility to update the database.

10. Update the Orbacus configuration.
11. Update shortcuts. The Harmony shortcut may have a UNC path to the server.
12. Update any InSite or Link configurations.
13. Test the system.

3.1.2 Updating the Secondary Servers and Render Stations With the New Primary Server Name

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

1. Download the **rename.zip** file to the root of the system drive and unzip it (password: `creo`).

   The scripts and utilities appear in a folder called **Rename**. Use this folder to hold all files required for the renaming procedure.
2. Create a system-state backup to disk.
3. Update the registry keys.
4. Update the following configuration files:

   Note: Do not update the **Listener.ora** file if you are updating an EPM server.

   - **Tnsnames.ora**
   - **hosts**
   - **SFMHosts**
5. Update the shortcuts.
6. Update the emergency platemaking configuration if the secondary server is an EPM server.
7. Test the system.

3.2 Changing a Secondary Server or Render Station Name

This section provides an outline of the steps to change the computer name of a secondary server or render station. For detailed procedures, see Section 6 Renaming a Secondary Server or a Render Station and Section 7 Updating the Primary Server With the New Secondary Server or Render Station Name.

3.2.1 Renaming the Secondary Server or Render Station

1. Shut down Prinergy.
2. Ensure the system and system state is backed up to tape.
3. Create a system-state backup of the secondary or render station to disk.
4. Download the **rename.zip** file to the root of the system drive and unzip it (password: `creo`).

The scripts and utilities appear in a folder called **Rename**. Use this folder to hold all files required for the renaming procedure.

5. Rename the server.
6. Update the registry. Use the scripts provided in the kit to update the main Prinergy keys, and manually update the necessary minor keys (locate **Start > Run** and type `regedit`).
7. Update the following configuration files.

   Note: Do not update the **Listener.ora** file if you are renaming an EPM server.

   - **Tnsnames.ora**
   - **hosts**
   - **SFMHosts**
8. Update the Orbacus configuration.

3.2.2 Updating the Primary Server With the New Secondary Server Name or Render Station Name

After changing the name of the secondary server or render station, perform the following procedure on the primary server:

1. Create a system-state backup of the primary server to disk.
2. Download the **rename.zip** file to the root of the system drive and unzip it (password: `creo`).

   The scripts and utilities appear in a folder called **Rename**. Use this folder to hold all files required for the renaming procedure.
3. Update the Araxi registry key.
4. Update the database if job volumes existed on the secondary server.
5. Update the emergency platemaking configuration if the server is configured as EPM or Hot Standby (EPM+).
6. Test the system.

3.3 Changing a Tertiary Server Name

Changing the tertiary server name is the responsibility of the customer. After the tertiary server name is changed, the database and configuration files on the primary server must be updated. For detailed procedures, see Section 8, Renaming a Tertiary Server.

3.3.1 Renaming the Tertiary Server

Have the customer change the tertiary server name.

3.3.2 Updating the Primary Server With the New Tertiary Server Name

1. Update the database with the new tertiary server name and new job volume names.

2. Remove the tertiary server from the Prinergy system.
3. Re-add the tertiary server to the Prinergy system.
4. Add the new input volume names and remove the input volumes that point to the old server name.
5. Update the following configuration files:
   - **hosts**
   - **SFMHosts**
   - **OtherHost**
6. Test the system.

4. RENAMING A PRIMARY SERVER

To change the computer name of the primary server, first follow the procedure in this section and then update the secondary servers and render stations using the procedure in Section 6 Updating Secondary Servers and Render Stations After Renaming the Primary Server.

4.1 Drive Configurations

Prinergy 4 running on Windows 2000 is configured on the **D**, **E**, and **J** drives. The Oracle® software is installed on the **D** drive and the temp folder is on the **E** drive.

Prinergy 4 running on Windows 2003 is configured only on the **C** and **J** drives. The Oracle software and the temp drives are both on the **C** drive.

4.2 Setting Up the Rename Utility

Download the **rename.zip** file to the root of the system drive and unzip it (password: `creo`). The scripts and utilities appear in a folder called **Rename**. Use this folder to hold all files required for the renaming procedure.

The folder should be on a drive that has at least 300 MB of free space

4.3 Shutting Down Prinergy

Shut down Prinergy on all servers before performing the renaming procedure.

4.4 Backing Up the System

Before changing the computer name, ensure that you have adequate system backups. Create a ghost image of the system drive or back up the system drive and system state to tape using NTBackup.

4.4.1 Backing Up the System State

The system state should be backed up to a file as a precaution, in case you have to restore the registry.

1. Start NTBackup. (Locate **Start > Run** and type `NTBackup`).

2. In the NTBackup dialog box, click the **Backup** tab.
3. Select **System State** in the left pane.
4. Next to the **Backup media or file name** box, click **Browse**.
5. Locate the **Rename** folder. In the **File name** box, type the name `SystemState_<servername>`
   where `<servername>` is the name of the primary server.
6. Click **Open**.
7. Click **Start Backup**.
8. After the backup is complete, click **Close** and exit NTBackup.

4.4.2 Backing Up the Database

The database should be backed up as a precaution. 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.

1. Locate **Start > Programs > Prinergy > Prinergy Administrator**.
2. In Administrator, stop Prinergy on all servers.
3. Stop the following Oracle services (**Control Panel > Services**):
   - **OracleServicearaxi**
   - **OracleARAXITNSListener**
4. Create the following folders on drive **J** or on the RAID:
   - **\DBBackup\CDrive** or **\DBBackup\Ddrive**
   - **\DBBackup\Jdrive** (or the RAID drive)
5. Copy the Oracle folders and files to the **DBBackup** folders as follows.

   Note: If you drag the folder to copy it, remember to press CTRL.

   - Copy **C: :\Oracle\oradata** or **D:\Oracle\oradata** and its contents to **\DBBackup\Cdrive** or **\DBBackup\Ddrive**
   - Copy **J:\Oracle** and its contents to **\DBBackup\Jdrive**

4.5 Changing the Computer Name

To change the computer name, 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.

1. Log on as Administrator.
2. Locate **Start > Settings > Control Panel > System**.
3. Click the **Network Identification** tab (Windows 2000) or the **Computer Name** tab (Windows 2003).

If the computer is in a domain, **Domain** appears beneath **Full computer name**. If the computer is in a workgroup, **Workgroup** appears.

Note: If the computer is in a domain, in order to change the computer name you need a user account with the authority to rename or add/remove computers from the domain. Contact the customer's IT department for help.

4. Change the computer name.
   - In Windows 2000, click **Properties**
   - In Windows 2003, click **Change**.
5. In the Identification Changes dialog box, type the new computer name.
6. Click **OK**.
7. If the computer is in a domain, the customer's IT department must type the user name and password of a user that has permissions to rename the computer in the domain.

   If the computer is in a Microsoft Windows NT 4.0 domain, an `Access denied` message may appear when renaming the server. In this case, you must remove the computer from the domain, change the computer name, and re-add the computer back into the domain.
8. Click **OK** twice.
9. Click **Yes** to restart the computer.
10. Since the registry key still points to the old server name, Administrator will look for the old server name when it starts. Click **Cancel** to ignore it.

4.6 Updating the Registry

The RegistrySearchAndReplace script simplifies updating the registry with the new computer name, as long as the new computer name is not a generic name such as **Prinergy** or **Primary**.

The script searches for the computer name that you provide, and replaces it with the current computer name. It automatically backs up the registry key before making changes.

The registry key backup file name contains the registry key path with the date and time appended to it. For example, the backup file for the Araxi registry key might be **HKEY_LOCAL_MACHINE_software_creo_araxi_2004-02-26_17.33.00.reg**

The backups are kept in the **Backup\Registry** folder, relative to the current working directory.

4.6.1 Updating the Registry Using the Script

1. Open a command-prompt window.
2. Change directory to the **Rename\Scripts** folder.
3. Type `RegistrySearchAndReplace –o <old server name> -k <registry key path>` for the following registry keys:

- Araxi key at **HKLM\Software\Creo\Araxi**
- Creo Copydot JTP key at **HKLM\Software\Creo\Creo Copydot JTP** (Use double quotation marks around the key since it contains spaces.)
- NPROOF key at **HKLM\Software\Creo\NPROOF**
- OOC key at **HKLM\Software\OOC**
- LanmanServer key at **HKLM\System\CurrentControlSet\Services\LanmanServer**
- MacFile key at **HKLM\System\CurrentControlSet\Services\MacFile**

For example:

A server called **YCS9998-999** has been renamed to **JUPITER** and the Araxi registry key is being updated.

```
D:\Rename> registrysearchandreplace –o YCS9998-999 –k
HKLM\Software\Creo\Araxi

RegistrySearchAndReplace version 1.0

Developed By: Spencer Leavitt

USER SPECIFIED REGISTRY SEARCH AND REPLACE

You are about to replace YCS9998-999 with JUPITER starting at the key
HKEY_LOCAL_MACHINE\software\creo\araxi.

Are you sure you want to proceed? (Y/N):y

Updating NotifyNodeList, 1, JUPITER

Updating PrimaryNodeName, 1, JUPITER

Updating NodeList, 1, JUPITER

Updating …
```

4.6.2 Manually Updating Other Keys

Manually search the rest of the registry and update the keys as necessary (locate **Start > Run** and type `regedit`). Ignore legacy registry keys, such as the keys under **HKEY_USERS**.

4.6.3 Restarting the Server

Shut down and restart the system to enable the system registry changes to take effect.

4.7 Updating the Configuration Files

The FileSearchAndReplace script simplifies updating the files with the new computer name.

The script searches for the computer name that you provide and replaces it with the current computer name. It automatically backs up the file before making changes.

The backups are kept in the **Backup\Files\<driveletter>** folder, relative to the current working directory.

Note: If you attempt to run the script more than once on the same folder, the script will fail with the error: `80, 'CopyFile', 'The file exists.'`. Rename the backup folder and run the script again. Do not delete the folder, because you may need to restore it later.

1. Open a command-prompt window.
2. Change directory to the **Rename\Scripts** folder.
3. Type `FileSearchAndReplace –o <old server name> -n <new server name> -f <folder>` for the following folders:
   - **%AraxiHome%**
   - **%SystemRoot%\System32\Drivers\etc**
   - **C:\Oracle\10.2.0\Network\Admin** or **D:\Oracle\10.2.0\Network\Admin**

This procedure updates all the process templates and the **SFMHosts** and **OtherHosts** files in the **Prinergy** folder. It also updates the NT **host** file and the Oracle **Listener.ora** and **Tnsnames.ora** files.

4.8 Updating the Database

In the database, references to the server name and job share names must 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**).

4.8.1 Updating the Database With the New Server Name and Share Name

1. Ensure that Prinergy is stopped.
2. Open a command-prompt window.
3. Type `PChangeJobShare –L`

   For example:

   ```
   D:\>pchangejobshare -l

   Initializing database access...
   ```

```
Server Name            Share Name                        Path  Count

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

CCAFS1                  PgyAutoTest                            6

CSCFILE4                AraxiData                            273

LOANER-MOON             AraxiVolume_LOANER-MOON_J              5

MARS                    AraxiVolume_MARS_J                > 10000

NOTE: The path count on at least one share was limited to 10000
paths.

Use PChangeJobShare -l -pathCount [ <shareName> ] to list the exact
number of paths in the database. Depending on the size of the
database, this can take a few minutes.
```

4. If the old server name or old share name shows up in the results, run the PChangeJobShare utility by typing:

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

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

   For example:

   The primary server name was changed from **YCS9998-999** to **JUPITER**.

   ```
   D:\> pchangejobshare JUPITER AraxiVolume_JUPITER_J –h YCS9998-999–s
   AraxiVolume_YCS9998-999_G

   If the database has been successfully updated, the output should
   contain results similar to the following:

   Starting Update.....

   Updating database entries...

   1 database entries have been updated.
   ```

The message at the end indicates the process completed successfully. The number of database entries updated may not be the same as the path count shown when running the `-L` option.

The file paths are stored in a hierarchical table, so only one entry is updated to move an entire set of files.

4.8.2 Updating the Job Daemon With the New Server Name

Run the PChangeJobShare utility for all the job shares that must be updated. To change the location where the job server (**PJobD**) runs, type:

```
PCHANGEJOBSHARE –n NEWSERVERNAME –o OLDSERVERNAME
```

Note: Use uppercase for the server name.

Example: `D:\> pchangejobshare –n JUPITER –o YCS9998-999`

4.9 Updating the Orbacus Configuration

The Orbacus configuration must be updated with the new server name. Open a command-prompt window and type:

```
D:\> OrbacusConfig –init
```

This creates new Orbacus configuration files.

The script saves the original configuration files in a backup folder using the naming convention: **%AraxiHome%\IonaOrbacus\backup_<date>_<time>**.

If the script fails, correct the problem and rerun the script. The script will save the Orbacus configuration in a new backup folder.

4.10 Updating the Harmony Shortcut

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

To change the shortcut:

1. If there is a Harmony shortcut on the desktop, right-click the shortcut and select **Properties**.
2. Click the **Shortcut** tab.
3. If the shortcut is in the format

   C:\ProgramFiles\Harmony\Harmony.exe\OLDSERVERNAME\Harmony$\calcurve.hmy \OLDSERVERNAME\Harmony$\Prinergy.ppd,

   Or,

   D:\ProgramFiles\Harmony\Harmony.exe\OLDSERVERNAME\Harmony$\calcurve.hmy \OLDSERVERNAME\Harmony$\Prinergy.ppd,

   replace **OLDSERVERNAME** with the new server name.
4. Click **OK**.
5. Right-click **Start** and select **Open All Users**.
6. Double-click **Programs**.
7. Double-click **Harmony**.
8. Right-click **Harmony** and select **Properties**.
9. Click the **Shortcut** tab.
10. In the **Target** box, change any reference to the old server name to the new server name.

4.11 Updating IIS and InSite Prepress Portal (if installed)

If an InSite Prepress Portal 4.5 or later server is connected to the primary server, you should remove the entries from the **hosts** files on both servers and then run the InSite

Configuration Utility (ICU) on the Prepress Portal server to update the Prinergy primary server name and IP address.

1. Remove the primary's IP address from the **hosts** file on the Prepress Portal server.

    a) On the Prepress Portal server, locate **\%systemdrive%\%systemroot%\System32\drivers\etc.**

    b) Open the **hosts** file using Notepad.

    c) Remove the Prinergy primary server's IP address and DNS name.

    d) Save the **hosts** file.

2. Remove the Prepress Portal server's IP address from the **hosts** file on the primary server.

    a. On the Prinergy primary server, locate **\%systemdrive%\%SystemRoot%\System32\drivers\etc.**

    b. Open the **hosts** file using Notepad.

    c. Remove the Prepress Portal server's IP address and DNS name.

    d. Save the **hosts** file.

3. On the Prepress Portal server, from the **Start** menu, select **Run**.
4. Type `icu` and click **OK**.
5. In the command-prompt window, press ENTER.

    The InSite and w3svc services stop.

6. On the InSite Configuration Utility Welcome screen, click **Next**.
7. On the Prinergy Primary Server Info screen, do the following:

    - In the **Primary Server Name** box, type the name of the new primary server.
    - In the **Primary Server IP Address** box, type the IP address for the new primary server.

8. Click **Next** until the Configuration Summary screen appears.
9. Click **Apply**.
10. Click **Close**.
11. On the Prinergy primary server, stop and then restart the Prinergy services.
12. On the Prepress Portal server, open a command-prompt window and type

    `net start insite.`

13. Type `exit`.
14. Confirm the job share and file share in InSite Administration:

a. In the Internet Explorer browser, locate InSite Administration: **http://<ServerName>:6377/PrinergyWebAdmin** (where **<ServerName>** is the name of the Prepress Portal server).

b. Type the administrative user name and password.

c. Select **Configuration Settings > Workflow**.

d. In the **Job Server for InSite Jobs** box, confirm the name of the primary server.

e. In the **Job Server Share Name** box, confirm the name of the job share.

For example, **AraxiVolume_<ServerName>_J**. (where **<ServerName>** is the name of the primary server.

f. Click **Update**.

g. Close InSite Administration.

4.12 Updating Link (if installed)

For all Production Reporting or Business Link configurations:

1. Open Link Administrator and click the **Configuration** tab.
2. In the **Prepress Workflow Connector** area:
   - Change the **Primary Server** to the new server name.
   - If the **Job Volume** path is pointing to a job volume on the primary server, change the path name to contain the new primary server name.
3. Click the **Status** tab and stop/start the **Link Connectors** so the changes take effect.

If an MIS is connected to Production Reporting or Business Link using a hyperlink or a hot folder, the new primary server name must also be updated on those systems. It is the customer's responsibility to change the MIS, but it is your responsibility to tell the customer what changes are required.

5. UPDATING SECONDARY SERVERS AND RENDER STATIONS WITH THE NEW PRIMARY SERVER NAME

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

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

5.1 Setting Up the Rename Utility

Download the **rename.zip** file to the root of the system drive and unzip it (password: `creo`). The scripts and utilities appear in a folder called **Rename**. Use this folder to hold all files required for the renaming procedure.

The folder should be on a drive that has at least 300 MB of free space

5.2 Backing Up the System State

Back up the system state to a file as a precaution, in case you have to restore the registry. For details, see Section 4.4.1 Backing Up the System State.

5.3 Updating the Registry

The secondary servers and render stations still contain information in the registry that points to the old primary server name. When Administrator starts, it is unable to connect to the old server name.

You must use the RegistrySearchAndReplace script to update the registry on the secondary servers and render stations with the new primary server name.

1. Open a command-prompt window.
2. Change directory to the **Rename\Scripts** folder.
3. Type `RegistrySearchAndReplace –o <old server name> -n <new server name> -k <registry key path>` for the following registry keys:
   - Araxi key at **HKLM\Software\Creo\Araxi**
   - Creo Copydot JTP key at **HKLM\Software\Creo\Creo Copydot JTP** (Only if Copydot JTP is running on the secondary server. Use quotation marks around the key since it contains spaces.)
4. Shut down and restart the system so that the changes take effect.

5.4 Updating the Configuration Files

Use the FileSearchAndReplace script to update all the process templates and the **SFMHosts** and **OtherHosts** files in the **Prinergy** folder, and also the NT **host** file and the Oracle **Listener.ora** and **Tnsnames.ora** files.

For details, see Section 4.7 Updating the Configuration Files.

5.5 Updating the Emergency Platemaking Configuration

If the site uses emergency platemaking (EPM or Hot Standby), you should update the emergency platemaking replication files stored on the primary server and EPM/Hot Standby server.

These files are normally updated by a Windows NT scheduled task that runs at 10:00 P.M. local time, but they should be updated immediately after renaming the server in case the customer needs to fail over to the EPM/Hot Standby server.

1. Locate **Start > Programs > Administrative Tools > Services**.
2. Right-click **AraxiFileReplicator** and select **Start**.

   File replication starts.
3. For Hot Standby (EPM+), verify that Veritas Storage Replicator or Double-Take starts and that the replication job runs without errors.

For more information, see the EPM+ and Hot Standby documents listed in Section 2 Prerequisites.

5.6 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 the following test to ensure that Prinergy functions correctly:

1. Manually search for the old server name (locate **Start > Run** and type `regedit`). Ensure that the name is nowhere in the system.
2. Open a command-prompt window, run `net share`, and check that the temp and share drives have been renamed to the new server name.
3. Start Prinergy and check that all JTPs have been connected to the new server name.
4. Check the **diag** log and ensure that there are no errors when starting Prinergy.
5. Run a test on new and old jobs.
6. Start Prinergy Workshop. In the Job Finder, select the job location view and check that the job location is renamed to the new server name and the new share name.
7. Check the process templates:
    a) Start Windows Explorer.
    b) Locate **%AraxiHome%\CreoAraxi\Data**.
    c) Click the **ProcessPlans** folder.
    d) Click **Search**.
    e) In the **Containing Text** box, type the original server name.
    f) Click **Search Now**.

    The process templates that contain the old server name (if any) appear on the right. The folder path for each process template is listed in the In **Folder** column. The process template name and group name are contained in the path name.
8. Change the old server name in any process template that is listed by the search:
    a) Start Prinergy on the primary server.
    b) In Prinergy Workshop, open each process template and change the reference to the old server name to the new server name.
    c) Resave each process template that you have changed.

    Note: You can also use the FileSearchAndReplace script to replace the computer name in the process templates.
9. For EPM/Hot Standby systems, perform a failover test.

    Note: Run the AraxiFileReplicator utility at least once before the failover test. For Hot Standby systems, verify that the Prinergy database replication job has completed mirroring before failover testing.

For more information, see the EPM+ and Hot Standby documents listed in Section 2 Prerequisites.

6. RENAMING A SECONDARY SERVER OR A RENDER STATION

To change the computer name of a secondary server or render station, first follow the procedure in this section and then update the primary server using the procedure in Section 8 Updating the Primary Server After Renaming a Secondary Server or Render Station.

For information about the configuration of the secondary server or render station, see Section 4.1 Drive Configurations.

6.1 Setting Up the Rename Utility

Set up a **Rename** folder at the root of the system drive to hold all files required for the renaming procedure. For details, see Section 4.2 Setting Up the Rename Utility.

6.2 Backing Up the System

Ensure that you have a current and valid backup of both servers before you rename the server, as this procedure changes the configuration on both the primary server and the server you are renaming.

6.3 Backing Up the System State

Back up the system state to a file as a precaution, in case you have to restore the registry. For details, see Section 4.4.1 Backing Up the System State.

6.4 Shutting Down Prinergy

Shut down Prinergy on all servers before performing the renaming procedure.

6.5 Changing the Computer Name

To change the computer name, 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.

For details, see Section 4.5 Changing the Computer Name.

6.6 Updating the Registry

Use the RegistrySearchAndReplace script to update the registry on the server with the new computer name.

1. Open a command-prompt window.
2. Change directory to the **Rename\Scripts** folder.
3. Type `RegistrySearchAndReplace –o <old server name> -k <registry key path>` for the following registry keys:
    - Araxi key at **HKLM\Software\Creo\Araxi**

- OOC key at **HKLM\Software\OOC**
- LanmanServer key at **HKLM\System\CurrentControlSet\Services\LanmanServer**
- Creo Copydot JTP key at **HKLM\Software\Creo\Creo Copydot JTP** (Only if Copydot JTP is running on the system. Use double quotation marks around the key since it contains spaces)

4. Shut down and restart the system to enable the system registry changes to take effect.

6.7 Updating the Configuration Files

Use the FileSearchAndReplace script to update all the process templates and the **SFMHosts** and **OtherHosts** files in the **Prinergy** folder, and also the NT **host** file and the Oracle **Listener.ora** and **Tnsnames.ora** files.

For details, see Section 4.7 Updating the Configuration Files.

6.8 Updating the Orbacus Configuration

The Orbacus configuration must be updated with the new server name, using the OrbacusConfig script. For details, see Section 4.9 Updating the Orbacus Configuration.

7. UPDATING THE PRIMARY SERVER WITH THE NEW SECONDARY SERVER OR RENDER STATION NAME

After renaming the secondary server or render station, you must update the configuration on the primary server to point to the renamed server.

7.1 Setting Up the Rename Utility

Set up a **Rename** folder at the root of the system drive to hold all files required for the renaming procedure. For details, see Section 4.2 Setting Up the Rename Utility.

7.2 Backing Up the System State

Back up the system state to a file as a precaution, in case you have to restore the registry. For details, see Section 4.4.1 Backing Up the System State.

7.3 Updating the Registry

Use the RegistrySearchAndReplace script to update the registry on the primary server with the new computer name.

1. Copy the **Rename** folder to the primary server.
2. Open a command-prompt window on the primary server.
3. Change directory to the **Rename\Scripts** folder.

4. Type `RegistrySearchAndReplace –o <old server name> -n <new server name> -k HKLM\Software\Creo\Araxi`.
5. Shut down and restart the system so the changes 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 must be updated with the new server name and share name, and the PChangeJobShare utility run for all the job shares that must be updated.

For details, see Section 4.8 Updating the Database.

7.5 Updating the Harmony Shortcut

To change the Harmony shortcut, see Section 4.10 Updating the Harmony Shortcut.

7.6 Updating the Emergency Platemaking Configuration

If the site uses emergency platemaking (EPM or Hot Standby), you should update the emergency platemaking replication files. For details, see Section 5.5 Updating the Emergency Platemaking Configuration.

7.7 Testing the System

After the secondary server or render station is renamed and the primary servers are updated with the new name, perform a test to ensure that Prinergy functions correctly. For test details, see Section 5.6 Testing the System.

8. RENAMING A TERTIARY SERVER

Renaming the tertiary server is the customer's responsibility. After the customer has renamed the server, you can update the database and configuration files with the new tertiary server name.

Tertiary servers are not covered under service contracts—any work performed must be billed to the customer.

8.1 Renaming the Server

Have the customer rename the tertiary server.

8.2 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 or names.

For details, see Section 4.8.1 Updating the Database With the New Server Name and Share Name.

8.3 Updating the Configuration Files

Update the configuration files using the FileSearchAndReplace utility.

1. Open a command-prompt window.
2. Change directory to the **Rename\Scripts** folder.
3. Run `FileSearchAndReplace –o <old server name> -n <new server name> -f <folder>` for the following folders:
   - **%AraxiHome%\Creoaraxi\etc**
   - **%SystemRoot%\System32\Drivers\etc**

This procedure updates all the process templates and the **SFMHosts** and **OtherHosts** files in the **Prinergy** folder. It also updates the NT **host** file.

8.4 Removing and Reconnecting the Tertiary Server to the Prinergy System

You must remove the tertiary server from the Prinergy system, and then add it back.

8.4.1 Removing the Tertiary Server From the Prinergy System

1. Start Prinergy Administrator.
2. Locate **Tools > Configure System**.
3. Click the **Servers** tab.
4. Click the name of the tertiary server and click **Remove Server**.

8.4.2 Adding the Tertiary Server Back Into the Prinergy System

1. In Administrator, select **Tools > Configure System**.
2. Click the **Servers** tab.
3. Next to the **Servers** box, click **Add Server**.
4. Type the new server name in the box and click **OK**.
5. Restart Prinergy.

8.4.3 Adding the Input Volumes

1. Start Prinergy Administrator.
2. Locate **Tools > Configure System**.
3. Click the **Input Volumes** tab.

   A list of the current input volumes appears, including volumes that were on the tertiary server before it was renamed. Use this list as a reference while you add the input volumes for the renamed tertiary server.

4. Click **Browse** and locate the Microsoft Windows Network or the network where the tertiary server is located.
5. On the tertiary server, select the name of the network share you want to add.
6. Click **Add Volume**.
7. Repeat steps 5 and 6 to add the rest of the input volumes.
8. In the **Input Volume Lists** box, select one of the shared folders associated with the old tertiary server name.
9. Click **Remove Volume**.
10. Repeat steps 8 and 9 for the rest of the input volumes associated with the old server name.

8.5 Testing the System

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

9. APPENDIX A: REVERTING TO THE OLD SERVER NAME

This appendix describes how to revert the new server name (primary server, secondary server, or render station) back to the original server name. The basic steps are to:

1. Stop all servers.
2. Rename the server back to the original server name and restart the server.
3. Restore the original server settings

The following procedures describe how to restore the original settings.

Note: For information about reverting a tertiary server name, see Section 8 Renaming a Tertiary Server.

9.1 Restoring the Registry Keys on the Server

Before importing the backup registry keys, rename the original keys. If you do not, the old and new keys will be combined and the registry subkeys and values will contain the old name and the new name.

Note: If you accidentally import a backup registry key without renaming the original key, delete the original key and import the backup key again.

9.1.1 Renaming the Original Registry Keys

To rename the registry keys:

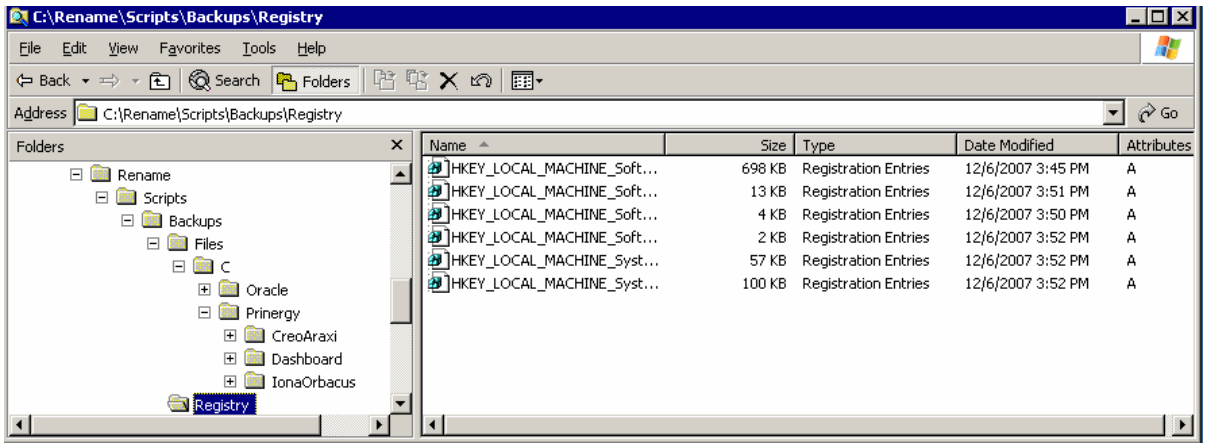
1. Locate **Start > Run** and type `regedit`.
2. Locate and rename the following registry keys:
   - Araxi key at **HKLM\Software\Creo\Araxi** to **HKLM\Software\Creo\Araxi.bak**
   - OOC key at **HKLM\Software\OOC** to **HKLM\Software\OOC.bak**
   - (Primary servers only) NPROOF key at **HKLM\Software\Creo\NPROOF** to **HKLM\Software\Creo\NPROOF.bak**
   - Lanmanserver key at **HKLM\System\CurrentControlSet\Services\Lanmanserver** to **HKLM\System\CurrentControlSet\Services\Lanmanserver.bak**
   - (Primary servers only) MacFile key at **HKLM\System\CurrentControlSet\Services\MacFile** to **HKLM\System\CurrentControlSet\Services\MacFile.bak**
   - Creo Copydot JTP key at **HKLM\Software\Creo\Creo CopyDot JTP** to **HKLM\Software\Creo\Creo CopyDot JTP.bak**
     (Only if Copydot JTP is running on the server. Use quotation marks around the key since it contains spaces.)

9.1.2 Restoring the Backup Registry Keys

The registry key backup file name consists of the registry key path with the date and time appended to it.

For example, the backup file for the Araxi key at **HKLM\Software\Creo\Araxi** might be **HKEY_LOCAL_MACHINE_software_creo_araxi_2004-02-26_17.33.00.reg**

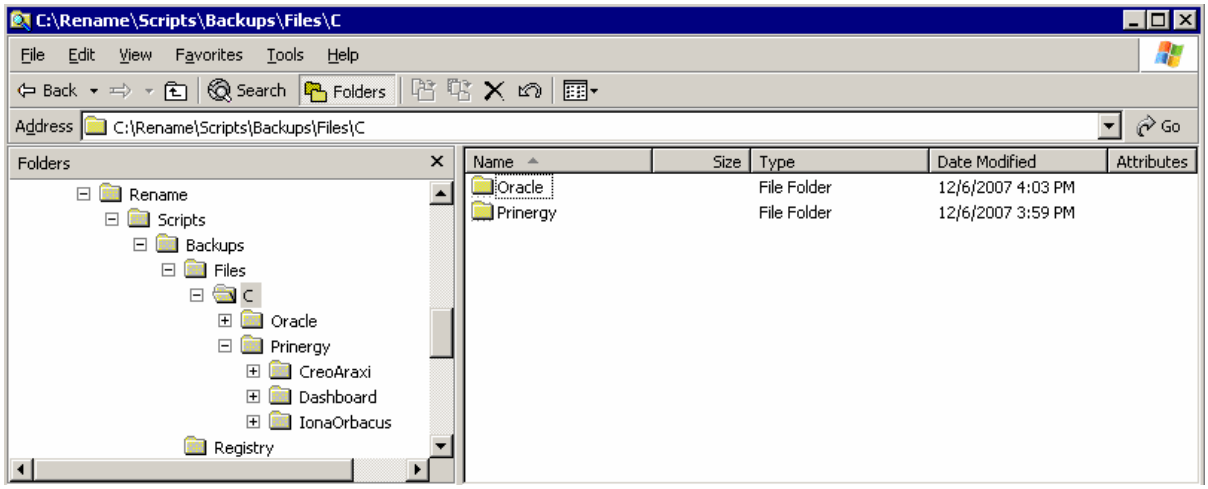
The backup files are stored in the **\Rename\Scripts\Backups\Registry** folder, relative to the current working directory.



1. Locate the **\Rename\Scripts\Backups\Registry** folder.
2. Import the backup registry keys by double-clicking each of the registry keys in Windows Explorer. Click **Yes** or **OK** as required to add the key to the system.
3. Restart the system so the changes take effect.

9.2 Restoring the Backup Files on the Server

The backup files are stored in the **\Rename\Scripts\Backups\Files\<driveletter>** folder, relative to the current working directory.



To restore the backup files:

1. Locate the **\Rename\Scripts\Backups\Files\<driveletter>** folder and copy the backup files back to the original location.

2. Update the database. For details, see Section 4.8 Updating the Database.
3. Update the Orbacus configuration. For details, see Section 4.9 Updating the Orbacus Configuration.
4. (Primary servers only) Update the Harmony shortcut. For details, see Section 4.10 Updating the Harmony Shortcut.
5. (Primary servers only) Update the InSite Prepress Portal configuration, if installed. For details, see Section 4.11 Updating IIS and InSite Prepress Portal (if installed).
6. (Primary servers only) (Optional) Update Link. For details, see Section 4.12 Updating Link (if installed).

9.3 Restoring the Backup Registry Keys on the Other Servers

If you are reverting a primary server, you must also restore the registry keys on any secondary servers or render stations. If you are reverting a secondary server or render station, you must restore the registry keys on the primary server.

Before importing the backup registry keys, rename the original keys. If you do not, the old and new keys will be combined and registry subkeys and values will contain the old name and the new name.

Note: If you accidentally import a backup registry key without renaming the original key, delete the original key and import the backup key again.

9.3.1 Renaming the Original Registry Keys

To rename the registry keys:

1. Locate **Start > Run** and type `regedit`.
2. Locate and rename the following registry keys:
   - Araxi key at **HKLM\Software\Creo\Araxi** to **HKLM\Software\Creo\Araxi.bak**
   - Creo CopyDot JTP key at **HKLM\Software\Creo\Creo CopyDot JTP** to **HKLM\Software\Creo\Creo CopyDot JTP.bak**
     (Only if Copydot JTP is running on the server. Use quotation marks around the key since it contains spaces.)

9.3.2 Restoring the Backup Registry Keys

The registry key backup file name consists of the registry key path with the date and time appended to it.

For example, the backup file for the Araxi key at **HKLM\Software\Creo\Araxi** might be **HKEY_LOCAL_MACHINE_software_creo_araxi_2007-12-06_17.33.00.reg**

The backup files are stored in the **\Rename\Scripts\Backups\Registry** folder, relative to the current working directory.

1. Locate the **\Rename\Scripts\Backups\Registry** folder.
2. Import the backup registry keys by double-clicking each of the registry keys in Windows Explorer. Click **Yes** or **OK** as required to add the key to the system.

3. Restart the system so the changes take effect.

9.4 Restoring Backup Files on the Other Servers

The backup files are stored in the **\Rename\Scripts\Backups\Files\<driveletter>** folder, relative to the current working directory. To restore the backup files, locate the folder and copy the backup files back to the original location.

9.5 Testing the System

When all the backup registry keys and files are restored on all the servers, test the system. See Section 7.7 Testing the System.

9.6 Deleting Renamed Registry Keys

After testing the system and ensuring that it is operating properly, delete all of the renamed registry keys on all the servers.

10. APPENDIX B: MANUALLY UPDATING THE REGISTRY

This appendix explains how to manually update the Araxi system registry key.

10.1 Saving the Araxi Key to a File

1. On the primary server, locate **Start > Run** and type `regedit`.
   (do not use regedt32).
2. Locate the Araxi key at **HKLM\Software\Creo\Araxi**.
3. Locate **Registry > Export Registry File**.
4. Export the registry key as **Araxi.reg** in the **C:\ Temp** or **D:\Temp** folder, or in another easy-to-find location.

10.2 Editing the Araxi Registry File

When editing the file, ensure that you use the same capitalization when you replace the server name.

After editing 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 is generic, such as **Prinergy** or **primary** or **secondary**, ensure that the values you update are actually for the computer name.

1. In Notepad, open the **Araxi.reg** file saved in Section 10.1 Saving the Araxi Key to a File.
2. Locate **Edit > Replace**.
3. Select the **Match Case** check box.
4. In the **Find What** box, type the old server name, using all uppercase letters.
5. In the **Replace With** box, type the new server name, using all uppercase letters.
6. Click **Replace All**.
7. Ensure the **Match Case** check box is still selected.
8. In the **Find What** box, type the old server name again, this time using uppercase for the first letter of the name and lowercase for the remaining letters.
9. In the **Replace With** box, type the new server name, using uppercase for the first letter of the name and lowercase for the remaining letters.
10. Click **Replace All**.
11. To confirm that there are no more entries, clear the **Match Case** check box and click **Find Next**.
12. If there are more entries to change, use the same procedure to change the computer name, preserving the case.

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

10.3 Importing the Modified Araxi Registry Key

Before importing the modified Araxi registry key, delete the original key. If you do not, the old and new keys will be combined and the registry subkeys and values will contain the old computer name and the new computer name.

Note: If you accidentally import the modified Araxi key without deleting the original key, delete the Araxi key and import the modified Araxi key again.

1. Locate **Start > Run** and type `regedit`.
2. Locate **HKLM\Software\Creo\Araxi**, and select the Araxi key.
3. Press DELETE, and click **Yes**.
4. Import the modified Araxi registry key that you saved in the previous section by taking one of the following actions:
   - Double-click the **Araxi_new.reg** file in Windows Explorer,

     Or,

   - In the Registry Editor, locate **Registry > Import Registry File**. Select the **Araxi_new reg** file.
5. Click **Yes** or **OK**, as required.

10.4 Checking the Rest of the Registry

In the previous section, you updated specific registry keys with the new server name. Those keys contained most of the references to the old server name, but it may also be stored in other parts of the registry.

Use the Regfind resource kit utility to search for and replace the server name in the rest of the registry. Regfind can only change registry values and cannot rename registry keys.

After you run the Regfind utility, use the Registry Editor to rename any remaining registry keys.

10.4.1 Updating Registry Data

1. Open a command-prompt window and change to the directory **C: \Rename\Utils** or **D:\Rename\Utils**.
2. Type `REGFIND <oldservername>`, where the old server name is in lowercase.
3. Check the list for any references to the old server name. If the server has a generic name, ensure that the registry keys you update are actually referring to the computer name.
4. Update the registry keys that contain the old server name in lowercase by typing `REGFIND oldservername –r newservername`.
   - Use lowercase for both names.

- The `-r` flag replaces all matches with the new value.

5. Repeat steps 2 to 4, but this time type the old server name in uppercase.
6. Do a case-insensitive search for any registry entries that may contain the old server name in both upper and lower case (for example, OldServerName) by typing `REGFIND oldservername -y`.
7. Update the registry keys that contain the old server name in mixed case by typing `REGFIND Oldservername -r Newservername`.
8. Perform a case-insensitive search again for the old server name. It should return no entries.

10.4.2 Updating Registry Key Names

1. Locate **Start > Run** and type `regedit`.
2. Locate **Edit > Find**.
3. Type the old server name.
4. Select the **Data**, **Keys** and **Values** check boxes.
5. Click **Find Next**.
6. When a match is found, right-click 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.