Kodak

InSite Prepress Portal and InSite Storefront

Re-cloning an InSite 5.x Server

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1. INTRODUCTION

This document guides you through the steps required to back up data on a Kodak® InSite Prepress Portal or Storefront 5.x server, reinstall the Microsoft® Windows® Server operating system using a ghost image, and reinstall and integrate the Prepress Portal or Storefront software. This process is known as re-cloning the server.

A Prepress Portal or Storefront server must be re-cloned to:

- Migrate from a Windows 2000 to a Windows 2003 Server operating system
- Migrate from one production workflow configuration to another (for example, from Prepress Portal for Kodak Brisque® software to Prepress Portal for Kodak Prinergy Connect® software)
- Restore a Prepress or Storefront server within the same production workflow (for example, if the Windows Server operating system is corrupted)

2. PREREQUISITES

2.1 Software

Important: The Prepress Portal or Storefront server must have version 5.0.5 of the software installed. For information on upgrading, see the *InSite Prepress Portal and InSite Storefront Upgrade Guide* (72-3667), available from the TechPlanet Prepress Portal or Storefront Procedures pages.

The following software components must be available during the re-cloning procedure:

- InSite 5.0 DVD (651-00461)
- Oracle® version 10.2.0 software CD (21-0067)
- Dell® Server OS Workflow DVD (Windows 2000 or 2003 Server operating system ghost and resources). Obtain the correct one for your platform:

Server	Windows 2000 DVD	Windows 2003 DVD
PE 840	651-00637	651-00639
PE 2900	651-00630	651-00632
PE 2950	651-00633	651-00635

2.2 Documents

The following documents are required for re-cloning a Prepress Portal or Storefront server.

2.2.1 Prepress Portal and Storefront backup procedures

- *InSite Prepress Portal and InSite Storefront Backup Guide* (72-3700), available from the TechPlanet Prepress Portal or Storefront Procedures pages.

2.2.2 Windows installation procedures

- *Windows 2000 Installation Using Ghost Image - for Prinergy and InSite* (72-3476), available from the TechPlanet Windows 2000 Installation page.
- *Windows 2003 Installation Using Ghost Image – Dell PE* (709-00230), available from the TechPlanet Windows 2003 Installation page.

2.2.3 Prepress Portal installation and on-site integration procedures

Prinergy Connect or Prinergy Powerpack configuration

- *InSite Prepress Portal for Prinergy Connect/Powerpack Factory Installation Guide* (72-3626), available from the TechPlanet Prepress Portal for Prinergy Installation page.
- *InSite Prepress Portal for Prinergy Connect/Powerpack On-Site Integration Guide* (72-3628), available from the TechPlanet Prepress Portal for Prinergy Installation page.

Prinergy Evo or Brisque configuration

- *InSite Prepress Portal for Prinergy Evo or Brisque Factory Installation Guide* (72-3625), available from the TechPlanet Prepress Portal for Evo Installation page.
- *InSite Prepress Portal for Prinergy Evo or Brisque On-Site Integration Guide* (72-3627), available from the TechPlanet Prepress Portal for Evo Installation page.

2.2.4 Storefront installation and on-site integration procedures

Prinergy Connect or Prinergy Powerpack configuration

- *InSite Storefront (for Prinergy Connect and Prinergy Powerpack) Factory Installation Guide* (719-00883), available from the TechPlanet Storefront Installation page.
- *InSite Storefront (for Prinergy Connect and Prinergy Powerpack) On-Site Integration Guide* (719-00882), available from the TechPlanet Storefront Installation page.

Direct configuration

- *InSite Storefront (for Direct Configuration) Factory Installation Guide* (719-00918), available from the TechPlanet Storefront Installation page.
- *InSite Storefront (for Direct Configuration) On-Site Installation Guide* (719-00923), available from the TechPlanet Storefront Installation page.

2.2.5 Prinergy 4.x primary server installation and re-cloning procedures

The following documents are required for re-cloning a Prinergy 4.x primary server that has Prepress Portal software installed on it:

- *InSite Prepress Portal Installation on a Prinergy Primary Server* (72-3666): available on the TechPlanet Prepress Portal for Prinergy Installation page.
- *Manually Rehosting a Prinergy 4.x Primary Server* (72-3494): available on the TechPlanet Prinergy 4.x Procedures page.

3. SAVING THE PRINTER'S DATA

You must save the printer's data before you re-clone the server. The data that you save depends on the software that the printer has, and how the software is configured.

3.1 Before You Begin

Before you begin backing up the printer's data, choose a location on the network (but not on the server that you are going to re-clone) to save the data, and create a folder named **reclone_backup**.

3.2 Backing Up Prepress Portal and Storefront Systems

1. Back up components that are not included in the regular Prepress Portal or Storefront Online Backup procedure:

   a. Open a command-prompt window and type `BackUpInSiteData`

   b. When the script has completed, locate the time-stamped folder in the location indicated by the **BackUpInSiteData** script.

   c. Copy the time-stamped folder to the **reclone_backup** folder that you created in section 3.1 *Before You Begin*.

   Note: The **BackUpInSiteData** script backs up the entire **Creo** registry, the **custom** directory, the **CustomThemes** directory, the customer and user database, the **%InSiteHome%\Creo\InSite\data** folder, and the network configuration settings.

2. Using License Manager, save the license key:

   a. From the **Start** menu, select **Programs > Kodak InSite > Kodak License Manager**.

   b. In the License Manager dialog box, click **Save to File** and save the key in the **reclone_backup** folder that you created in section 3.1 *Before You Begin*.

3. Determine whether the **Jobs** folder is stored on the Prepress Portal or Storefront server.

   If the **Jobs** folder is stored on the Prepress Portal or Storefront server, you must back it up. The **Jobs** folder is typically stored on the **J** drive of servers that host jobs.

   c. In InSite Administration, click **Configuration Settings**, and look under the **Workflow** heading:

      - If the **Job Server for InSite Jobs** is the Prepress Portal or Storefront server, back up the **Jobs** folder by performing steps b to d.
      - If the **Job Server for InSite Jobs** is *not* the Prepress Portal or Storefront server, you do not need to back up the **Jobs** folder.

   a. Right-click the **Start** menu, and select **Explore**.

   b. Locate the **Jobs** folder.

   c. Copy the entire **Jobs** folder to the **reclone_backup** folder that you created in section 3.1 *Before You Begin* on page 3.

4. Storefront systems only: back up the **Catalogs**, **Orders**, and **Products** folders if they are stored on the Storefront server.

   a. In InSite Administration, click **Configuration Settings**, and look under the **Storefront** heading:

      - If any of the **Catalogs**, **Orders**, or **Products** folders are stored on the Storefront server, back up the folders by performing steps 2 to 4.
      - If the **Catalogs**, **Orders**, and **Products** folders are *not* stored on the Storefront server, you do not need to back up the folders.

   b. On the Storefront server, right-click the **Start** menu, and select **Explore**.

   c. Locate the **Catalogs**, **Orders**, and **Products** folders.

   d. Copy the **Catalogs**, **Orders**, and **Products** folders to the **reclone_backup** folder that you created in section 3.1 *Before You Begin* on page 3.

5. Save the configuration settings in InSite Administration:

   Note: If you are migrating to a new production workflow (for example, from Brisque to Prinergy Connect), you do not need to perform this step.

   a. Open InSite Administration and click **Configuration Settings**.

   b. Click **File > Save As** and save the Web page to the **reclone_backup** folder that you created in section 3.1 *Before You Begin* on page 3.

   c. Click **Save**.

3.3 Exporting an SSL Certificate

If the printer's Prepress Portal or Storefront system has an SSL certificate, you must back up the certificate by exporting it. Create a Microsoft Management Console (MMC) snap-in for managing certificates, and export the certificate and public key.

3.3.1 Creating an MMC snap-in:

1. From the **Start** menu, select **Run**.
2. Type `mmc.exe`
3. Click **OK**.
4. From the **File** menu, select **Add/Remove Snap-in**, and click **Add**.
5. Select **Certificates**, and click **Add**.
6. Select **Computer account**, and click **Next**.
7. Select **Local Computer**, and click **Finish**.
8. Click **Close** and **OK**.
9. From the **Console** menu, select **Save As**.
10. Locate the **reclone_backup** folder that you created in section 3.1 *Before You Begin* on page 3, and click **Save**.

11. From the **Console** menu, select **Exit**, and click **Yes** to save changes.

3.3.2 Exporting the certificate and public key:

1. From the **Start** menu, select **Run**.
2. Type `mmc.exe`
3. Click **OK**.
4. Click **Certificates (Local Computer)** and locate **Personal > Certificates**.
5. Right-click your server certificate, and select **All Tasks > Export**.
6. In the Certificate Export wizard, click **Next**.
7. Select **Yes, export the private key**, and click **Next**.
8. In the **Personal Information Exchange** area, select the **Include all certificates in the certification path if possible**, and **Enable Strong Protection** check boxes.



Figure 1: Certificate Export Wizard

9. Click **Next**.

   A PFX file is created that contains the server certificate and private key.

10. Type the password `kodak` to protect the PFX file, and click **Next**.
11. Type the file name `SSLcertificate`, and store the PFX file in the **reclone_backup** folder that you created in section 3.1 *Before You Begin* on page 3. Click **Next**.
12. Click **Finish** and **OK**.
13. From the **Console** menu, select **Exit**, and click **Yes** to save changes.

4. RE-CLONING THE SERVER

Complete the appropriate procedure for your server:

- *Windows 2000 Installation Using Ghost Image - for Prinergy and InSite* (72-3476), available from the TechPlanet Windows 2000 Installation page.
- *Windows 2003 Installation Using Ghost Image – Dell PE* (709-00230), available from the TechPlanet Windows 2003 Installation page.

5. REINSTALLING PREPRESS PORTAL OR STOREFRONT SOFTWARE

Install the Prepress Portal or Storefront software, using the appropriate installation procedures for the printer's workflow—see section 2, *Prerequisites*, on page 1.

Note: Use the license key that you saved in section 3.2, *Backing Up Prepress Portal and Storefront Systems*, on page 3.

6. RESTORE THE PRINTER'S DATA

If you have migrated to a new production workflow, you will need to update some settings—for example, **Creo** registry settings and drive letters—as appropriate for the new system configuration.

To see how the system was configured before you re-cloned, refer to the InSite Administration Configuration Settings HTML file that you saved in section 3.2, *Backing Up Prepress Portal and Storefront Systems*, on page 3.

6.1 Restoring Prepress Portal and Storefront Systems

1. If you migrated to a new server operating system (for example, from Windows Server 2000 to Windows Server 2003 operating systems), update the system drive letters:
   a. Using Windows Explorer, locate the **reclone_backup** folder that you saved in section 3.2, *Backing Up Prepress Portal and Storefront Systems*, on page 3.
   b. Locate the **InSite.reg** file that was created by the **BackupInSiteData** script.
   c. Copy the file and name it **InSite.new.reg**.
   d. Open the **InSite.new.reg** file with a text editor, such as Notepad, and search for instances of the old drive letter.

      Tip: Press CTRL+F in Notepad, then type `d:\` in the **Find what** box.

   e. Replace any instances with the correct drive letter (**c:**).

      Note: Usually there are three instances: **AraxiRootDirectory**, **HomeDirectory**, and **InSiteDirectory**.

   f. Save the **InSite.new.reg** file, and close it.

2. Restore the **Creo** registry:

   a. In Windows Explorer, locate the registry file (**InSite.reg** or **InSite.new.reg**) and double-click it.

   b. Click **Yes** and **OK** to import the new system drive setting.

3. Restore the **data** folder:

   a. Using Windows Explorer, locate the **reclone_backup\data** folder that you saved in section 3.2, *Backing Up Prepress Portal and Storefront Systems*, on page 3.

   b. Copy the folder to **%InSiteHome%\Creo\InSite**.

4. Restore the **custom** and **CustomThemes** folders:

   a. Still in Windows Explorer, in the **reclone_backup** folder, locate the **custom** and **CustomThemes** folders.

   b. Copy the folders to **J:\Inetpub\wwwroot\PrinergyWebRoot\Ruser**.

5. If necessary, restore the **Jobs** folder:

   a. Still in Windows Explorer, in the **reclone_backup** folder, locate the **Jobs** folder.

   b. Copy the folder to the appropriate drive.

      Note: The **Jobs** folder is typically stored on the **J** drive.

6. Storefront only: if necessary, restore the **Catalogs**, **Orders**, and **Products** folders:

   a. Still in Windows Explorer, in the **reclone_backup** folder, locate the **Catalogs**, **Orders**, and **Products** folders.

   b. Copy the folders to the appropriate location.

      Note: The **Catalogs**, **Orders**, and **Products** folders are typically stored on the **J** drive.

7. If you migrated to a new production workflow (for example, from Brisque to Prinergy Connect), import the customer and user database:

   Note: If you did not migrate to a new production workflow, you do not need to perform this procedure.

   a. Still in Windows Explorer, in the **reclone_backup** folder, locate the **Custs-Users<time-stamp>.xml** file.

   b. Copy the file to **%AraxiHome%\InSite\Support\bin**.

   c. From the **Start** menu, select **Run**.

   d. Type `cmd`

   e. Type `CSWImportExportUtility.exe –import Custs-Users<time-stamp>.xml`

8. Open InSite Administration, and click **Configuration Settings** to ensure that the Prepress Portal or Storefront system is correctly configured.

6.2 Restoring a Saved SSL Certificate

The SSL certificate must be restored from a backup PFX file that was created using the procedure in section 3.3, *Exporting an SSL Certificate*, on page 4.

6.2.1 Restore the SSL Certificate

1. In Windows Explorer, in the **reclone_backup** folder, locate the PFX and MSC files that you saved before re-cloning, and copy them to **E:\InSiteStuff**.
2. Still in Windows Explorer, in **E:\InSiteStuff**, locate the MSC file and double-click it.
3. Expand the **<servername>** tree.
4. Right-click **Personal**.
5. Select **All Tasks > Import**.
6. In the Import Certificates Wizard, click **Next**.
7. Click **Browse**, and locate the PFX file you saved to **E:\InSiteStuff**. Click **Open**, and click **Next**.
8. Type the password (`kodak`), and click **Next**.
9. Select **Place all certificates in the following store**, and ensure that the **Certificate store** box reads Personal. Click **Next**.
10. Click **Finish**, and click **OK**.
11. Close the MMC snap-in without saving changes.
12. From the **Start** menu, select **Programs > Administrative Tools > Internet Information Services Manager**.
13. Expand the **<servername>** tree.
14. Right-click **Default Web Site**, and choose **Properties**.
15. Click the **Directory Security** tab, and click **Server Certificate**.
16. Click **Next**.
17. Select **Assign Existing Certificate**, and click **Next**.
18. Select the certificate that you imported with the Import Certificates Wizard, and click **Next**.
19. Click **Next**, and then click **Finish**.
20. Close the Internet Information Services (IIS) Manager window.
21. Open a command-prompt window and type
    `httpcfg set iplisten -i <IISInternalIP>`

    where *IISInternalIP* is the Prepress Portal or Storefront Internal Private (LAN) IP address (IIS for Prepress Portal or Storefront).
22. Restart the Prepress Portal or Storefront server.

6.2.2 Test the SSL Certificate

1. Open a browser window and type `http://<ServerName>`
2. You should automatically be redirected to https://<ServerName>. If you are not redirected, check all Prepress Portal, Storefront, and network settings.

7. INTEGRATING THE PREPRESS PORTAL OR STOREFRONT SYSTEM

Integrate the re-cloned server using the appropriate integration procedures for the printer's workflow—see section 2, *Prerequisites*, on page 1.

8. RE-CLONING CHECKLIST

- ☐ Obtained required documents, DVD, and CDs
- ☐ Backed up the printer's customized data to a different location on the network before re-cloning:
  - ☐ Ran the **BackUpInSiteData** script
  - ☐ Saved the license key
  - ☐ Copied the **Jobs** folder (if necessary)
  - ☐ Exported the SSL certificate (if necessary)
  - ☐ (Storefront only) Copied the **Catalogs**, **Orders**, and **Products** folders (if necessary)
- ☐ Re-cloned the Prepress Portal or Storefront server
- ☐ Reinstalled Prepress Portal or Storefront software
- ☐ Restored the printer's data:
  - ☐ Updated the **Creo** registry (if necessary)
  - ☐ Restored the **Creo** registry
  - ☐ Replaced the **%InSiteHome%\Creo\InSite\data** folder
  - ☐ Replaced the **custom** and **CustomThemes** folders
  - ☐ Replaced the **Jobs** folder (if necessary)
  - ☐ (Storefront only) replaced the **Catalogs**, **Orders**, and **Products** folders (if necessary)
  - ☐ Imported the customer/user database (if necessary)
  - ☐ Imported the SSL certificate (if necessary)
- ☐ Completed on-site integration
- ☐ Verified that the *Presite* document is correct and updated, and sent an e-mail message about any changes to remote.install@creo.com (or by fax to 604.437.9891, Attention: Remote Install)