Prinergy Hot Standby with VSR

Quick Reference Card

graphics.kodak.com

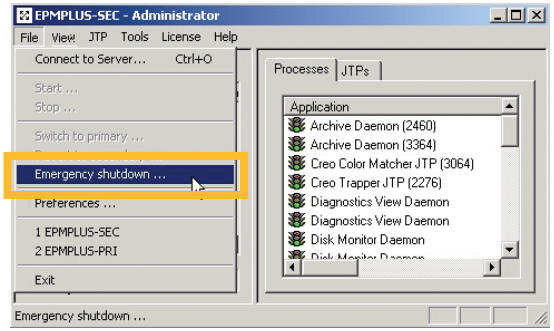
If you need assistance, call 1.800.472.2727 (North America) or +32.2.352.3090 (Europe).

To Run the System in Failover Mode

WARNING: The database can be permanently corrupted if steps in the second section (restoring normal operations) are not followed in sequence exactly as described. Before you run a planned failover, we recommend that you have a current *Oracle* database backup on tape and do a cold database backup: Stop *Oracle* services and make a copy of the **E:\Orant** and **<Datadrive>:\Orant** folders.

A. Switch the Hot Standby Server to Primary Mode

1. If you are running a failover test, unplug the primary server's network cable.
2. On the Hot Standby server, stop the *Kodak Prinergy* software on all servers:
   Prinergy Administrator > File > Emergency Shutdown.
3. If *Kodak* Link is used, select **Start > Programs > Link > Stop Server**.
4. If *Kodak* InSite is used, on the InSite server, select **Start > Programs > Administrative Tools > Services**, and right-click and select **Stop** for both **InSite** and **World Wide Web Publishing**.
5. Move the dongle to the Hot Standby server.
6. On the Hot Standby server, select **Prinergy Administrator > File > Switch to Primary**.



Attention Print Console users
If the Hot Standby server is a render station with a *Kodak* Print Console dongle, and the *Prinergy* Administrator reports a dongle mismatch, you need to swap the two dongles:

1. Remove the Print Console dongle.
2. Insert the *Prinergy* dongle into the Print Console dongle's original port.
3. Restart the *Prinergy* Administrator software.
4. Insert the Print Console dongle into the *Prinergy* dongle's original port.

Tip: For more information about preparing for a Hot Standby (formerly known as EPM+) failover, see the Hot Standby for Prinergy with VERITAS Storage Replicator user guide (717-00127B-EN).

B. If Link is Used, Prepare the Link Database Folders

Important: Rename the database folders in the exact sequence listed below. If the files are locked and cannot be renamed, wait a few minutes and try again.

Location on the Hot Standby Server	*Old Name*	*New Name*
<drive>:Program Files\Link\<version>\data	**db**	**db_orig**
	replicateddb	**db**
<drive>:Program Files\Link\<version>\yoho\server\default	**data**	**data_orig**
	replicateddata	**data**

C. Start the Kodak Software on the Hot Standby Server

1. Start the *Prinergy* software. All jobs should now be accessible.
2. If Link is used, select **Start > Programs > Link > Start Server**.
3. If InSite is used with *Prinergy* 3.1.0.4 or later, follow the steps in the **Redirecting InSite** box.

   If *Prinergy* 3.1.0.3 or earlier is used, contact the *Kodak* response center for assistance with redirecting the InSite server.

Redirecting InSite (use these steps only with Prinergy 3.1.0.4 or later)

1. On the InSite server, select **Start > Run**, and type `ICU`. Click **OK .**
2. Press ENTER to stop the InSite software.
3. In the InSite Configuration Utility, click **Next** until the Prinergy Primary Server Information dialog box appears.
4. Type the name and IP address of the server to which you are redirecting InSite.
5. Click **Next** until the Configuration Summary window appears. Click **Apply**.
6. Click **Next** until the Diagnostics dialog box appears, and click **Close**.
7. Open a command line and type `net start InSite` and then type `exit`.
8. Verify that InSite is operating properly.

653-00718B-EN
Internal 732-00013B-EN Rev A

©2006 Kodak. All rights reserved.

Prinergy Hot Standby with VSR

Quick Reference Card

graphics.kodak.com

To Restore Normal Operation

WARNING: Follow these steps in sequence and exactly as described. Otherwise, the database can be permanently corrupted and will need to be restored from backup. In particular, never switch the Hot Standby server back to being a secondary server while the **Prinergy-Database** replication job is active.

A. Return the Hot Standby Server to Secondary Mode

1. Unplug the original primary server's network cable.
2. ***Critical step:*** On the original primary server, use the VSR Console (**Start > Programs > Veritas Storage Replicator > Console**) to delete the **Prinergy-Database** replication job.
3. Stop the *Prinergy* software on all servers.
4. If Link is used, on the Hot Standby server select **Start > Programs > Link > Stop Server**.
5. Move the dongle back to the original primary server.
6. **Important:** Verify that the **Prinergy-Database** replication job was deleted (see step 2).
7. Plug in the primary server's network cable.
8. On the Hot Standby server, select **Prinergy Administrator > File > Revert to Secondary**.

B. Restore the Prinergy Database Files

1. If Link is used, ensure that the Link server is not running on the primary server (**Start > Programs > Link > Stop Server**).
2. If InSite is used, on the InSite server, select **Start > Programs > Administrative Tools > Services**, and right-click and select **Stop** for both **InSite** and **World Wide Web Publishing**.
3. On the primary server, run the **RestorePrinergy-Database** script. When prompted, enter the name of the Hot Standby server and confirm the restoration.
4. On the VSR Console's **Monitor** tab, monitor the restoration progress until it is finished. See the Important note, below.
5. When the restore is done, delete the **Restore-Database** job from the VSR Console.

Important: Interrupting a restoration will leave an unusable database on the primary server. If an unexpected interruption occurs, run the **RestorePrinergy-Database** script again. The restore process will overwrite the unusable database with the still-good copy on the Hot Standby server.

C. If Link is Used, Restore the Link Database Folders

Important: Rename the database folders in the exact sequence listed below. If the files are locked and cannot be renamed, wait a few minutes and try again.

Location on the Original Primary Server	*Old Name*	*New Name*
<drive>:Program Files\Link\<version>\data	**db**	**db_orig**
	replicateddb	**db**
<drive>:Program Files\Link\<version>\yoho\server\default	**data**	**data_orig**
	replicateddata	**data**

D. Start the Kodak Software on the Primary Server

1. Run the **EnableOracle** script located in **<Drive>:\Program Files\Veritas Storage Replicator\Creo\Prinergy-Database**.
2. On the primary server, start the *Prinergy* software on all servers. Verify that *Prinergy* is operating correctly and that the most current jobs are intact.
3. If Link is used, select **Start > Programs > Link > Start Server**. Verify before continuing.
4. If InSite is used with *Prinergy* 3.1.0.4 or later, redirect the InSite server to the *Prinergy* primary server using the "Redirecting InSite" procedure on the previous page. For earlier versions of *Prinergy*, contact the *Kodak* response center for assistance with redirecting the InSite server.

E. Manage the Replication Sets, As Needed

1. In the VSR Console, select the **Monitor Jobs** tab. For monitoring the replication of existing sets, only this step is needed. If you need to recreate a replication set, go to the next step.
2. To create or recreate a replication set, run the **Create&StartPrinergy-DatabaseJob.cmd** script, located in **Program Files\Veritas Storage Replicator\Creo\Prinergy-Database**.

   This creates the *Prinergy* replication set called **Prinergy-Database**.

   For Link, the following folders are part of the replication set:

   - **<drive>:\Program Files\SynapseLink\X.x\data\db**
   - **<drive>\Program Files\SynapseLink\X.x\yoho\server\default\data**

   Note: The first time that you activate this connection, it mirrors the complete contents of the replication set to the Hot Standby server. This can take a long time if the database is large, and it is also affected by network conditions.

©2006 Kodak. All rights reserved.