WORKSTATION AND FILE RECOVERY

Should you lose files or a workstation experiences system failure, the automated backups stored on the LaCie server can help you to recover data or restore the computer to a working state.

FILE RECOVERY

A recovery can be a simple operation such as recuperating one or more files that are lost or corrupt. It can also assist you with larger demands, such as a full system restore.

Recovering Files

- Launch the Dashboard from a Windows workstation on the same network as your LaCie server. Start > All Programs > Windows Home Server 2011/Windows Storage Server 2008 R2 > Windows Home Server 2011 Dashboard/Windows Storage Server 2008 R2 Dashboard.
- 2. Select the Computers and Backup tab.
- 3. Select the workstation among the list of *Computers*.

| Name | Status | Description | Backup status | Alerts | |
|----------------|---------|-------------------|---------------|-----------|----------|
| Computers | | | | | ^ |
| J Mikes7-PC | Online | Virtual | Successful | No alerts | |
| | Offline | win7 vm | Set up | No alerts | |
| 5bigOfficePlus | Online | My storage server | Successful | No alerts | |
| | | | | | |

4. Right-click on the workstation to select **Restore files or folders for the computer**.

| Name | Status | Description | Backup status | Alerts | |
|----------------|---------|-------------------|-----------------------------|----------------------|----------|
| Computers | | | | | · · |
| 📜 Mikes7-PC | Online | Virtual | Su | | |
| | Offline | win7 vm | Set | r properties | |
| Server | | | Destave files as fold | ne computer | ^ |
| 5bigOfficePlus | Online | My storage server | Su Su Restore files of fold | ers for the computer | 1 |
| | | | Customize Backup | for the computer | |
| | | | Remove the compu | iter | |
| | | | | | |
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| | | | | | |

5. From the list of available backups, please choose the date and time you wish to view. In our example there is only one backup but you will see several with the passage of time.

| 🔵 复 Restore Fi | les or Folders | | |
|----------------|-------------------------------|---------------|-------------|
| | | | |
| Choose a b | oackup | | |
| Available back | ups for MIKES7-PC | | |
| | | | |
| Status | Date | Description | |
| 🗸 Successfu | l 1/11/2012 10:12 AM | Manual backup | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| Also show | incomplete backups for this o | computer | |
| | | | |
| | | | |
| | | | Next Cancel |

6. Click **Next**. The Restore operation will find all the files from the backup.



7. You may select one or more files to restore to the workstation. Folders must be opened to select individual files.

| | 10:12 AW | | |
|-----------------------------------|--------------------|----------|--|
| Up one level C:\Users\Mike's7 | | | |
| Vame | Date modified | Size | |
| 🍌 AppData | 3/3/2010 2:32 PM | | |
| Contacts | 3/3/2010 2:32 PM | | |
| hesktop | 1/10/2012 3:46 PM | | |
| Documents | 12/5/2011 11:58 AM | | |
| 🚺 Downloads | 3/3/2010 2:32 PM | | |
| 🔓 Favorites | 1/10/2012 4:24 PM | | |
| 凄 Links | 3/3/2010 2:32 PM | | |
| Music | 3/3/2010 2:32 PM | | |
| Pictures | 3/3/2010 2:32 PM | | |
| Saved Games | 3/3/2010 2:32 PM | | |
| 👔 Searches | 3/3/2010 2:32 PM | | |
| Videos | 3/3/2010 2:32 PM | | |
| NTUSER.DAT | 1/10/2012 6:32 PM | 1,024 KB | |
| ntuser.dat.LOG1 | 1/10/2012 6:32 PM | 256 KB | |
| ntuser.dat.LOG2 | 3/3/2010 2:32 PM | 0 KB | |
| NTUSER.DAT{6cced2f1-6e01-11d | 3/3/2010 2:36 PM | 64 KB | |
| NTUSER.DAT{6cced2f1-6e01-11d | 3/3/2010 2:36 PM | 512 KB | |
| | 3/3/2010 2:36 PM | 512 KB | |
| NTUSER.DAT{6cced2f1-6e01-11d | | | |

| Up one level C:\Users\Mike's7\D | ocuments\Files | | |
|-------------------------------------|--------------------|----------|--|
| lame | Date modified | Size | |
| 2010-09-10_1941_204_160_v2.swf | 9/13/2010 9:26 AM | 4,063 KB | |
|] cbcontractid.txt | 6/27/2011 3:17 PM | 1 KB | |
| desktop.ini | 6/27/2011 3:06 PM | 1 KB | |
| E.M. Magic Swf2Avi.Ink | 9/13/2010 1:43 PM | 1 KB | |
| E.M. Total Video Player.Ink | 9/13/2010 1:43 PM | 1 KB | |
| ExtremeZ-IP Administrator.exe | 2/8/2010 6:40 PM | 1,258 KB | |
| 🖁 LaCie Network Assistant 1.4.3 Win | 7/26/2010 5:28 PM | 5,877 KB | |
| LaCie Network Assistant 1.4.5 (45) | 2/11/2011 10:13 AM | 5,906 KB | |
| LaCie Network Assistant Installer | 10/8/2010 2:17 PM | 5,897 KB | |
| Remote Desktop Connection.Ink | 7/14/2009 6:41 AM | 2 KB | |
| Shared Folders on Server.Ink | 6/23/2010 10:51 AM | 2 KB | |
| 🚱 Snipping Tool.Ink | 7/29/2010 11:43 AM | 2 KB | |
| sssafeboxLNAwin7webaccess.png | 7/29/2010 2:24 PM | 75 KB | |
| sssafeboxmanual1win7.PNG | 7/29/2010 10:25 AM | 50 KB | |
| sssafeboxmanual2win7.PNG | 7/29/2010 10:26 AM | 65 KB | |
| ssSafeboxmappedfolder.PNG | 7/29/2010 3:14 PM | 67 KB | |
| sssafeboxweblogonwin7.PNG | 7/29/2010 5:04 PM | 49 KB | |
| 🖁 swf2avi.exe | 9/13/2010 1:41 PM | 7,884 KB | |
| system tray.PNG | 7/29/2010 11:44 AM | 3 KB | |

- • **·**

reveal files available to restore

8. Click **Next** after you have chosen all the files to be restored.

| Restore Files or Folders | | | |
|---|--------------------|----------|--------|
| | | | |
| elect items to restore | | | |
| cal Disk (C:) from backup on 1/11/2012 | 10:12 AM | | |
| Up one level C:\Users\Mike's7\I | Documents\Files | | |
| Name | Date modified | Size | |
| 2010-09-10_1941_204_160_v2.swf | 9/13/2010 9:26 AM | 4,063 KB | |
| cbcontractid.txt | 6/27/2011 3:17 PM | 1 KB | |
| 👔 desktop.ini | 6/27/2011 3:06 PM | 1 KB | |
| 🗊 E.M. Magic Swf2Avi.Ink | 9/13/2010 1:43 PM | 1 KB | |
| 😥 E.M. Total Video Player.Ink | 9/13/2010 1:43 PM | 1 KB | |
| P ExtremeZ-IP Administrator.exe | 2/8/2010 6:40 PM | 1,258 KB | |
| 😽 LaCie Network Assistant 1.4.3 Win | 7/26/2010 5:28 PM | 5,877 KB | |
| 🛃 LaCie Network Assistant 1.4.5 (45) | 2/11/2011 10:13 AM | 5,906 KB | |
| 😽 LaCie Network Assistant Installer | 10/8/2010 2:17 PM | 5,897 KB | |
| 👼 Remote Desktop Connection.Ink | 7/14/2009 6:41 AM | 2 KB | |
| 😵 Shared Folders on Server.Ink | 6/23/2010 10:51 AM | 2 KB | |
| 👫 Snipping Tool.Ink | 7/29/2010 11:43 AM | 2 KB | |
| sssafeboxLNAwin7webaccess.png | 7/29/2010 2:24 PM | 75 KB | |
| 💺 sssafeboxmanual1win7.PNG | 7/29/2010 10:25 AM | 50 KB | |
| 😼 sssafeboxmanual2win7.PNG | 7/29/2010 10:26 AM | 65 KB | |
| 👪 ssSafeboxmappedfolder.PNG | 7/29/2010 3:14 PM | 67 KB | |
| sssafeboxweblogonwin7.PNG | 7/29/2010 5:04 PM | 49 KB | |
| 🛃 swf2avi.exe | 9/13/2010 1:41 PM | 7,884 KB | |
| 😼 system tray.PNG | 7/29/2010 11:44 AM | 3 KB | |
| w do I find the file that I am looking fo | r? | | |
| | | | |
| | | | Next C |

9. Choose a location to restore the files.

| | - • • |
|--|-------------|
| S the Restore Files or Folders | |
| | |
| Select a restore location for the file | |
| Restore location: | |
| C:\Users\Mike's7\Documents\Files | Browse |
| | |
| | |
| | |
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| | |
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| | |
| | |
| | |
| | Next Cancel |

10. If the file already exists in the location, the restore will ask how to proceed. Please read all the options carefully. If you are restoring multiple files, you can check the box on the bottom left of the window to avoid seeing the message again. To proceed, click on the option that is optimal for your restore.

х

There is already a file with the same name in this location.

Click the file you want to keep

Copy and Replace Replace the file in the destination folder with the file you are copying: sssafeboxLNAwin7webaccess.png

sssafeboxLNAwin7webaccess (Z:\Users\Mike's7\My Documents\Files) Size: 74.1 KB Date modified: 7/29/2010 2:24 PM

Don't copy

No files will be changed. Leave this file in the destination folder:



sssafeboxLNAwin7webaccess.png sssafeboxLNAwin7webaccess (C:\Users\Mike's7\My Documents\Files) Size: 74.1 KB Date modified: 7/29/2010 2:24 PM

Copy, but keep both files

The file you are copying will be renamed "sssafeboxLNAwin7webaccess (2).png"

Do this for the next 4 conflicts

Skip

Cancel



11. The restore will prompt you when it has finished. Click **Close** to exit the window.



Full System Restore

To perform a full system restore, the server requires that the workstation boot from a USB boot key. Therefore, you will be prompted to insert a USB flash drive into one of the server's USB 2.0 ports as part of the recovery operation. LaCie recommends using a flash drive that does not contain important files since **all data will be deleted** during the boot key creation.

Create the boot key

- Launch the Dashboard from a Windows workstation on the same network as your LaCie server. Start > All Programs > Windows Home Server 2011/Windows Storage Server 2008 R2 > Windows Home Server 2011 Dashboard/Windows Storage Server 2008 R2 Dashboard.
- 2. Select the **Computers and Backup** tab.
- 3. Click on the workstation you wish to restore.

| 🔣 Windows Storage Se | erver 2008 R2 Dashb | oard | | | |
|---|-------------------------------------|-------------------|--------------------|-----------|---|
| | | Computers Serve | er Folders | | Windows Storage Server 2008 R2 Essentials |
| Home | Users | and Backup and H | ard Drives Add-Ins | LaCie | COD 5big Office+ |
| | | | | | 🔮 No alerts 🛛 🤹 Server settings 🔞 Help 👻 |
| Name | Status | Description | Backup status | Alerts | Mikes7-PC Tasks |
| Computers | | | | | • |
| 隢 Mikes7-PC | Online | Virtual | Successful | No alerts | view the computer properties |
| WORKSTATION1 | Offline | win7 vm | Set up | No alerts | 💫 Start a backup for the computer |
| Server | Online | My storage server | Successful | No alerts | Restore files or folders for the computer Customize Backup for the computer Remove the computer |
| | | | | | Computers and Backup Tasks |
| | | | | | Additional client computer backup tasks Change the server password How do I connect computers to the |
| | | | | | server? |
| Mikes7-PC | | | ***** | | |
| Generalisfermetics | | | | | |
| General information | about this comput | ler | | | |
| Operating System: Wii System type: 32-bit Op | ndows 7 Ultimate perating System | | | | |
| 3 Items | | | | | |
| | | | | | |

4. The right side of the window includes a section entitled **Computers and Backup Tasks**. Click on the option **Additional client computer tasks**.

| 🜆 Windows Storage Se | rver 2008 R2 Dashb | oard | | | |
|---|---|---|------------------------------------|-------------------------------------|---|
| Home | Users | Computers and Backup and P | er Folders lard Drives Add-ins | LaCle | Windows Storage Server 2008 12 Exercise Solg Office + Of No alerts Server settings Of Help + |
| Name | Status | Description | Backup status | Alerts | Mikes7-PC Tasks |
| Computes Mikes7-PC WORKSTATIONI Server | Online Orline | Virtual win7 vm My storage server | Successful Set up Successful | No alerts No alerts No alerts | View the computer properties Start a backup for the computer Start a backup for the computer Customize Backup for the computer Customize Backup Tasks Additional client computer backup tasks Change the server password How do I connect computers to the server? |
| Mikes7-PC General information. Operating System: Wir System type: 32-bit Op 3 Items | about this compu ndows 7 Ultimate perating System | | | | |

5. Choose the tab **Tools** in the *Additional client computer backup tasks* window.

| | al client d | omputer backup tas | ks | | |
|-----------------------|--|--|------------------|--------------------|---------|
| ettings | Tools | | | | |
| Repair | , backups | | | | |
| The r beco | epair too me unusa | attempts to repair y ble. | our client com | puter backups if t | hey |
| Rep | air now | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| Сотр | uter reco | very | | | |
| Comp | uter reco Usi an | very e a computer recover existing backup | y key to restore | e a client comput | er from |
| Comp | uter reco Usi an eate key | very e a computer recover existing backup | y key to restore | e a client comput | er from |
| Comp Cre Tell m | uter reco Us an eate key e more ak | very e a computer recover existing backup | y key to restore | e a client comput | er from |

6. Click on the button **Create key...**

| C Additional client computer backup tasks | × |
|--|----|
| Settings Tools | |
| Repair backups | |
| The repair tool attempts to repair your client computer backups if they become unusable. | |
| Repair now | |
| | |
| | |
| Computer recovery | Ĩ. |
| Use a computer recovery key to restore a client computer from an existing backup | |
| Create key | |
| Tell me more about the repair and recovery tools | |
| OK Cancel Apply | |

7. Please read the window carefully before attaching the USB flash drive to one of the USB 2.0 ports on the back of the server.



- 8. Click Next.
- 9. If your USB flash drive is not listed, use the pulldown menu to find it.

| | | - • • |
|---|--|----------|
| 0 | Create Computer Recovery Key | |
| | | |
| | Prepare the USB flash drive | |
| | Select the USB flash drive in the drop-down list. If your USB flash drive does not appear in the make sure that the drive is inserted in the server, and then click Refresh. | ne list, |
| | | |
| | | |
| | Select USB flash drive: | |
| | Samsung UFD USB Device Drive 1 (G:\) | |
| | | |
| | I understand that if I click Next, all files and folders on my USB flash drive will be deleted | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | Next | Cancel |

10. Click the checkbox next to I understand that if I click Next, all files and folders on my USB flash drive will be deleted.

| 길 🛥 Create Computer Recovery Key |
|--|
| |
| Prepare the USB flash drive |
| Select the USB flash drive in the drop-down list. If your USB flash drive does not appear in the list, make sure that the drive is inserted in the server, and then click Refresh. |
| |
| |
| Select LISB flach driver |
| Samsung UED USB Device Drive 1 (G:1) |
| |
| ☑ I understand that if I click Next, all files and folders on my USB flash drive will be deleted |
| |
| |
| |
| |
| Next Cancel |

11. Click **Next**. The server will take a bit of time to create the boot key.

| | | ٢ |
|------------|---|---|
| \bigcirc | Create Computer Recovery Key | |
| | | |
| | Preparing the USB flash drive. | |
| | Please wait while the USB flash drive is prepared | |
| | This may take several minutes. | |
| | | |
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12. Once the boot key has been created, the server will prompt you to remove it from the server. Please keep it in a secure location since you will need it to perform the workstation system recovery.



13. Click **Close** to exit the window.

Restore the workstation

Before attempting a system restore, please see the steps above for creating a boot key.

- 1. Insert the USB boot key into one of the workstation's USB ports.
- 2. Boot the workstation from the USB boot key. Please make certain that the option to boot from a USB device is set in the workstation's BIOS.
- 3. The boot key will prompt you to select your region and keyboard. Click **Continue**.

| Full System Restore Wizard |
|--|
| Choose your region and keyboard settings |
| Time and currency format: |
| English (United States) |
| Keyboard or input method: |
| US 💌 |
| |
| |
| |
| |
| |
| Continue |
| |

- 4. The Full System Restore Wizard will walk you through each step.
- 5. LaCie recommends selecting **Continue** so that the server may start the recovery. In most instances, you will have all the drivers required for the full system restore. If you receive a prompt asking you for drivers or you wish to add them manually, please make certain they are available on a separate storage device and select **Load drivers** (see <u>Manually Loading Drivers for the Windows Recovery (Optional)</u>.

| Full System Restore Wizard | | | | |
|--|--|--|--|--|
| Welcome to the Full System Restore Wizard | | | | |
| Continue | | | | |
| To restore the full system to this computer, you may need to install additional drivers for the network or for storage devices. To view or install drivers, click Load drivers. | | | | |
| Load drivers | | | | |
| To restore the full system to this computer, you may need to install additional drivers for the network or for storage devices. To view or install drivers, dick Load drivers. | | | | |

- 6. Otherwise, click **Continue**.
- 7. Click **Next** at the Welcome window.



8. Select the server that you have been using for backups. Use the pulldown menu to find the backup source if

you have more than one server on the network.

| ultiple servers were found hoose the server that contains the backup. erver Name: SBIGOFFICEPLUS I System Restore ultiple servers were found hoose the server that contains the backup. erver Name: SBIGOFFICECM SBIGOFFICECM SBIGOFFICECM SBIGOFFICECM SBIGOFFICECM SBIGOFFICECM SBIGOFFICECM SBIGOFFICECM SBIGOFFICECM SBIGOFFICEPLUS Cancel | System Restore | | | 2 |
|---|--|--------|----------|--------|
| hoose the server that contains the backup. erver Name: BBGOFFICEPLUS | Itiple servers were found | | | |
| hoose the server that contains the backup. erver Name: BIGOFFICEPLUS | | | | |
| hoose the server that contains the backup. erver Name: EBIGOFFICEPLUS Il System Restore ultiple servers were found hoose the server that contains the backup. erver Name: EBIGOFFICECM EBIGOFFICECM EBIGOFFICEPLUS Add Next > Cancel | | | | |
| erver Name: BBIGOFFICEPLUS | oose the server that contains the backup. | | | |
| RBIGOFFICEPLUS | rver Name: | | | |
| < Back | BIGOFFICEPLUS | | • | |
| < Back | | | | |
| < Back | | | | |
| < Back | | | | |
| < | | | | |
| < | | | | |
| < | | | | |
| Il System Restore > ultiple servers were found > choose the server that contains the backup. > erver Name: > SBIGOFFICECM > SBIGOFFICECM > SBIGOFFICEPLUS < Back | | < Back | Next> | Cancel |
| Il System Restore ultiple servers were found hoose the server that contains the backup. erver Name: SBIGOFFICECM SBIGOFFICEPLUS | | | HEALS | |
| A System Kestore were found whose the server that contains the backup. erver Name: SBIGOFFICECM SBIGOFFICECM SBIGOFFICEPLUS | Suctem Dectore | | | X |
| Choose the server that contains the backup. erver Name: 58IGOFFICECM SBIGOFFICECM SBIGOFFICEPLUS < Back Next > Cancel | Itiple convers were found | | | - |
| hoose the server that contains the backup. erver Name: 5BIGOFFICECM 5BIGOFFICEPLUS SBIGOFFICEPLUS | icipie servers were iouliu | | | |
| hoose the server that contains the backup. erver Name: SBIGOFFICECM SBIGOFFICEPUS A Mathematical Action of the backup of th | | | | |
| erver Name: | noose the server that contains the backup. | | | |
| erver Name: | · · · · · · · · · · · · · · · · · · · | | | |
| SBIGOFFICECM SBIGOFFICEPLUS < Back Next > Cancel | rver Name: | | | |
| SBIGOFFICEPLUS <back next=""> Cancel</back> | BIGOFFICECM | | | |
| < Back Next > Cancel | BIGOFFICEPLUS | | | |
| < Back Next > Cancel | | | | |
| < Back Next > Cancel | | | | |
| < Back Next > Cancel | | | | |
| < Back Next > Cancel | | | | |
| < Back Next > Cancel | | | | |
| | | < Back | Next > | Cancel |
| network | etwork | | | |

- 9. Click Next.
- 10. Enter the administrator password.

| 📬 Full System Restore | | | X |
|--------------------------------------|--------|--------|--------|
| Log on to 5BIGOFFICEPLUS | | | |
| | | | |
| | | | |
| Type the password for 5BIGOFFICEPLUS | | | |
| | | | |
| Password: | | | |
| | | | |
| Password hint | | | |
| | | | |
| | | | |
| Understanding Full System Restore | | | |
| | | | |
| | < Back | Next > | Cancel |
| | | | |
| | | | |
| 😢 Full System Restore | | | X |
| Log on to 5BIGOFFICEPLUS | | | |
| | | | |
| | | | |
| Type the password for 5BIGOFFICEPLUS | | | |
| | | | |
| Password: | | | |
| ••••• | | | |
| Password hint | | | |
| | | | |
| | | | |
| Understanding Full System Restore | | | |
| ······ | | | |
| | | | |
| | 2 Park | Next | Cancel |

11. Choose the workstation that you wish to recover.

| 😢 Full System Restore | × |
|---|--------|
| Select a computer to restore | |
| | |
| Select the computer that you want to restore. | |
| MIKES7-PC: (This computer) | |
| O Another computer | |
| MIKES7-PC | |
| | |
| | |
| | |
| | |
| | |
| < Back Next > | Cancel |

12. From the list of available backups, please choose the backup you wish to Restore. In our example there is only one backup but you will see several with the passage of time.

| ull System R | estore | | |
|--------------------|-------------------------------|---------------|---------------|
| ielect a back | tup to restore | | |
| Status | Date 🔻 | Description | |
| Succes | 1/11/2012 10:12:17 AM | Manual backup | |
| | | | |
| | | | |
| | | | |
| Also show | incomplete backups for this c | omputer | Details |
| t la davata a dia. | Full Custom Destant | | |
| Understanding | y Full System Restore | | |
| | | | |
| | | < Back | levt > Cancel |

- 13. Click Next.
- 14. You have the option to let the Wizard restore the computer or to manually select files. Unless you know of files that you do not wish to recover, LaCie recommends that you allow the Wizard to perform the restore.

| 😢 Full System Restore | | | × |
|--|--------------------------------------|-----------------|-------------|
| Select a restore option | | | |
| Let the wizard fully restore the computer This option uses the selected backup to partitions. | (recommended) automatically recre | ate all of your | volumes and |
| $^\circ$ I will select the volumes to restore (advar | nced) | | |
| Understanding Full System Restore | | | |
| | < Back | Next > | Cancel |

15. Choose the volumes to use for the Restore. Please note that the restore will format the volumes before copying the data.

| ¢) آ | ull System Re | estore | | | × |
|------|---------------|------------------------------|---------------|--------|---------|
| 9 | 5elect a back | up to restore | | | |
| | Oha hara | Data - | Description | | |
| | Status | 1/11/2012 10:12:17 AM | Manual backup | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | Also show i | ncomplete backups for this c | omputer | I | Details |
| | Understanding | Full System Restore | | | |
| | | | | | |
| | | | < Back | Next > | Cancel |
| | | | | | |

16. The time to complete the operation is based upon the amount of data you are restoring. You will be prompted once the Restore is complete.

Manually Loading Drivers for the Windows Recovery (Optional)

While your LaCie professional server provides a complete backup of connected Windows workstations, the recovery may encounter difficulty installing all the drivers. For example, recent computers or proprietary hardware often demand specific drivers for the network connection or internal hard drive. For this reason, the server places certain drivers in a special folder called *Drivers for Full System Restore*.

Provided that a workstation has been backed up to your LaCie professional server, you may save drivers within the *Drivers for Full System Restore* folder to a USB key before performing the recovery. Please note that drivers are available from any workstation on the network that has been connected to the LaCie professional server. For example, if Windows Workstation A is no longer responsive and you must perform a full recovery, its system drivers may be retrieved from Windows Workstation B on the same network.

Save the drivers to external storage

To find the folder:

- 1. Before starting, please make certain that the server is not backing up computers on the network.
- 2. Connect an external USB hard drive to the computer you are using. LaCie recommends a USB Key since the folder *Drivers for Full System Restore* does not require more than 1GB of storage capacity.
- 3. Launch the **Dashboard**.
- 4. Select the **Computers and Backup** tab.
- 5. Right-click on the computer that you will be recovering and choose **Restore files or folders for the computer**. (Even if the computer is not active and its image is grey, you can still access the backups).

| View the computer properties |
|--|
| 👰 Start a backup for the computer |
| by Restore files or folders for the computer |
| 🐌 Customize Backup for the computer |
| Remove the computer |

6. Select a backup and click **Next**. In the example below, the server is opening the most recent backup.

| | | | | × |
|------------|-------------------|----------------------------|--|-----------------|
| \bigcirc | 😥 Restore Files (| or Folders | | |
| | | | | |
| | Choose a bac | kup | | |
| | Available backups | for LACIE-W7 | | |
| | | | | |
| | Status | Date | Description | |
| | Successful | 6/14/2012 1:27 PM | Automatic Backup | |
| | ✓ Successful | 6/1/2012 11:06 AM | Automatic Backup | |
| | ✓ Successful | 4/4/2012 2:40 PM | Manual backup | |
| | ✓ Successful | 3/26/2012 12:02 PM | Manual backup | |
| | | | | |
| | | | | |
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| | | | | |
| | | | | |
| | | | | |
| | Also show inco | omplete backups for this o | computer | |
| | | | | |
| | | | | |
| | | | Next Cancel | Soloct a backup |
| | | | | |
| - | | | | |
| \bigcirc | 😥 Restore Files | or Folders | | |
| | | | | |
| | 0 1 11 | | | |
| | Opening the | /olume | | |
| | Opening Local Dis | sk (C:) from backup on 6/1 | 4/2012 1:27:16 PM. It can take several minutes to open a | |
| | volume. Please wa | ait. | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | Opening the volume (98 % | o) | |
| | 1 | | | |
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| | | | | |
| | | | Cancel | |

retrieve the backup files

7. The folder **Drivers for Full System Restore** is not available on the initial prompt. Click on **Up one level** two times until the the folder appears.

| Local Disk (Cr) from | hackup op 6/14/2012 | 1-27 DM | | | |
|--|--|--|--------------|-------|--------------|
| Up one level | C:\Users\David | 1.27 FIVI | | | |
| Name | | Date modified | Size | • | |
| 🕼 AppData | | 2/16/2012 12:04 PM | | | |
| 🔓 Contacts | | 2/16/2012 3:18 PM | | = | |
| 膧 Desktop | | 5/30/2012 11:51 AM | | | |
| Documents | | 5/30/2012 4:59 PM | | | |
| 📙 Downloads | | 3/26/2012 2:38 PM | | | |
| 📓 Favorites | | 2/16/2012 3:18 PM | | | |
| 🧊 Links | | 3/13/2012 3:48 PM | | | |
| 🌗 Music | | 2/16/2012 3:18 PM | | | |
| 📄 Pictures | | 5/30/2012 11:38 AM | | Ŧ | |
| How do I find the file | that I am looking for | ? | Next | Cance | Click Up one |
| How do I find the file Restore Files or Select items to Local Disk (C:) from | that I am looking for olders estore backup on 6/14/2012 | ? 1:27 PM | Next | Cance | Click Up one |
| How do I find the file Restore Files or Select items to Local Disk (C:) from | olders estore cackup on 6/14/2012 | ? 1:27 PM | Next | | Click Up one |
| How do I find the file Restore Files or Select items to Local Disk (C:) from Up one level Name | olders estore backup on 6/14/2012 C:\Users | ? 1:27 PM Date modified | Next | | Click Up one |
| How do I find the file Restore Files or Select items to Local Disk (C:) from Up one level Name David | olders estore backup on 6/14/2012 C:\Users | ? 1:27 PM Date modified 5/30/2012 10:01 AM | Next | Cance | Click Up one |
| How do I find the file Restore Files or Select items to Local Disk (C:) from Up one level Name David Default | olders estore cackup on 6/14/2012 C:\Users | ? 1:27 PM Date modified 5/30/2012 10:01 AM 7/14/2009 9:18 AM | Size | | Click Up one |
| How do I find the file Restore Files or Select items to Local Disk (C:) from Up one level Name David Default Public | that I am looking for olders estore backup on 6/14/2012 C:\Users | ? 1:27 PM Date modified 5/30/2012 10:01 AM 7/14/2009 9:18 AM 3/13/2012 3:48 PM | Next | Cance | Click Up one |
| How do I find the file Restore Files or Select items to I Local Disk (C:) from Up one level Name David Default Public E desktop.ini | that I am looking for olders estore backup on 6/14/2012 C:\Users | ? 1:27 PM Date modified 5/30/2012 10:01 AM 7/14/2009 9:18 AM 3/13/2012 3:48 PM 7/14/2009 6:41 AM | Next Size | KB | Click Up one |

| G | 😥 Restore Files or Folders | | | |
|----------|--|--------------------|-----------|--------------------------|
| | Select items to restore Local Disk (C:) from backup on 6/14/201 | 2 1:27 PM | | |
| | Up one level C:\ | | | |
| | Name | Date modified | Size | |
| | Drivers for Full System Restore | 6/14/2012 1:26 PM | E | |
| | 🎉 PerfLogs | 7/14/2009 4:37 AM | | |
| | 🎉 Program Files | 5/10/2012 4:40 PM | | |
| | 🎉 ProgramData | 5/3/2012 3:54 PM | | |
| | Decovery | 2/16/2012 12:04 PM | | |
| |) System Volume Information | 6/14/2012 1:27 PM | | |
| | 鷆 Users | 2/16/2012 12:04 PM | | |
| | 퉬 Windows | 5/3/2012 3:49 PM | | |
| | 🚳 autoexec.bat | 6/10/2009 11:42 PM | 1 KB 🔻 | |
| | How do I find the file that I am looking fo | or? | | |
| | | | Next Cano | e The folder Drivers for |
| Full | System Restore is availab | le | | |
| B. Click | < Next. | | | |
| 9. Loca | ate the external storage. | | | |

| G | 10 Restore Files or Folders | | |
|------|--|-------------|------------------------|
| | Select a restore location for the file | | |
| | Restore location: | | |
| | C\ | Browse | |
| | | | |
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| | | | |
| | | | |
| | | | |
| | | Next Cancel | |
| | | | Click Browse to locate |
| exte | rnal storage | | |

| Browse For Folder | × | |
|--|-------------|------------------------|
| Browse For Folder | | |
| Make New Folder | OK Cancel | Select the storage and |
| Select a restore location for the file Restore location: E:\ | Browse | |
| | Next Cancel | Click Next |

10. The server will save the drivers to the external storage.



Load the drivers manually (Optional)

Important info: You may skip this section if you have successfully restored your workstation.

1. If you see a prompt similar to the example below, click **OK** to continue. Go to the next step if you are adding drivers manually.



2. Click Load Drivers.

| Full System R | Restore Wizard | | | |
|---|------------------------------|--|--|--|
| Welcome to th | e Full System Restore Wizard | | | |
| | Continue | | | |
| To restore the full system to this computer, you may need to install additional drivers for the network or for storage devices. To view or install drivers, dick Load drivers. | | | | |
| | Load drivers | | | |
| | | | | |

3. At the **Detect Hardware** prompt, click **Install Drivers...**

| Detect Hardware |
|---|
| To restore this computer, you must connect it to the server that is running Windows Storage Server 2008 R2 by using a network cable. You must also have permission to access to all of the hard drives on this computer. You may need to install additional drivers for the network and for storage devices. |
| The wizard found the following network and storage devices on this computer. |
| Network Devices |
| Storage Devices ATA Channel 0 ATA Channel 1 Serial ATA Controller IDE Controller IDE Controller |
| Where can I find the drivers for my hardware? |
| To install drivers for devices that are not listed, click Install drivers. |
| When you are finished installing the drivers, click Continue to restore this computer with the hardware that was found. |
| Install <u>Drivers</u> <u>C</u> ontinue |

4. Confirm that the external storage device with the *Drivers for Full System Restore* folder is connected to your workstation then click **Scan**.



5. The driver will be retrieved. Click **Continue**.

| Detect Hardware | |
|---|--|
| To restore this computer, you must connect it to the server that is running Windows Storage Server 2008 R2 by using a network cable. You must also have permission to access to all of the hard drives on this computer. You may need to install additional drivers for the network and for storage devices. | |
| The wizard found the following network and storage devices on this computer. | |
| M Network Devices | |
| Intel(R) PRO/1000 MT Desktop Adapter | |
| Generic Elash Disk USB Device | |
| ATA Channel 0 | |
| ATA Channel 0 | |
| ATA Channel 1 | |
| Serial ATA Controller | |
| Where can I find the drivers for my hardware? | |
| To install drivers for devices that are not listed, click Install drivers. | |
| When you are finished installing the drivers, click Continue to restore this computer with the hardware that was found. | |
| 2 | |
| - M | |