Drive Image Special Edition

This document includes the following information:

- DISE Main Screen
- DISE Customization Options
- Configuring DISE

DISE Main Screen

You can customize some elements of the Drive Image Special Edition main screen, but the following is a general representation of the layout.

DISE Customization Options

PowerQuest enables computer manufacturers and configuration centers to choose how Drive Image Special Edition (DISE) looks and works. You will work with PowerQuest to determine the following settings in the product. All of the customization settings are optional. Features that are not included in the following list are not customizable.

Company Logo

You can include your logo in the lower right corner of the DISE main window, just above the Exit button. You must provide a bitmap graphic that uses 16 colors and the Windows palette and is no more than 77 pixels high and 212 pixels wide.

Company Web Site & Technical Support Information

In the Windows interface, a DISE user can click your company logo to launch the default browser and display your corporate web site.

You can also provide your technical support telephone number, fax number, and e-mail address.

Backup Partition Name

You can choose the volume name for the backup partition. The name can be up to 11 characters in length.

Backup Image Folder

If the backup partition is visible, you can specify a folder off the root of the backup partition. If the backup partition is hidden, backup images will be stored at the root of the backup partition. The default is PQImage.

Visible or Hidden Backup Partition

You can choose whether the backup partition is visible or hidden. By default, the backup partition is visible.

Delete Backup Partition

You can choose to allow users to delete the backup partition and resize the C: partiton when DISE is removed from the machine. By default, users cannot delete the backup partition or resize the C: partition.

Hidden Uninstall Menu Command

You can specify whether users will see a command to uninstall DISE on the Options menu.

If the command is not displayed by default, users can display it by clicking **Help ➤ About**, then triple-clicking the icon in the upper left corner of the screen. However, this key sequence will not be included in the end user documentation. Users will be instructed to contact the computer manufacturer for the key sequence if they must uninstall DISE.

Passwords

You can specify whether or not the user will be able to store the backup image with a password.

Buttons on Main Screen

You can choose which buttons to display on the DISE main screen. You can display up to three buttons. The choices are: Create New Backup, Restore Backup, Create Drive Image SE Diskettes, and Restore Factory Backup.

Menu Commands

You can choose whether to display the **Create Diskettes** and **Restore Factory Backup** menu commands if they are not included on buttons on the DISE main screen.

Auto Resize Space Buffer

You can specify the minimum amount of unused space to leave in the main (FAT, FAT32, or NTFS) partition when it is resized to enlarge the backup partition.

For example, if you choose 100 MB as the buffer, the end user will not be able to resize the backup partition if the resize will leave less than 100 MB of unused space in the main partition.

Configuring DISE

There are two procedures for configuring DISE:

- Installing DISE and creating the backup partition
- Creating the factory image

Installing DISE and Creating the Backup Partition

The DISE setup program can create the backup partition for you automatically, or you can create it manually using PartitionMagic.

- The machine on which you plan to install DISE should have one physical hard disk with one FAT, FAT32, or NTFS C: partition.
- The backup partition should be at least two times as large as the amount of data included on C: if there will be both a factory and user backup image. If you are not creating a factory image, the backup partition should be at least as large as the used space on the C: partition.
- The backup partition can be a visible or hidden logical partition. See "Visible or Hidden Backup Partition" on page 3.

Creating the Backup Partition Manually

Use the process outlined below before installing DISE if you want to create a backup partition manually. Otherwise, the DISE setup program will create the backup partition automatically.

1 Resize the C: partition to create unallocated space at the end of the hard disk.

2 Create a logical FAT or FAT32 backup partition in the unallocated space.

If the machine will be running Windows 98, Windows Me, or Windows 2000, PowerQuest recommends that the backup partition be FAT32. If you create a FAT partition, DISE will not allow the end user to resize the partition over 2 GB.

If the machine will be running Windows NT 4.0 and it will be visible, the backup partition must be a FAT partition, not a FAT32 partition. It cannot be any larger than 2039 MB.

The backup partition name must match the name in the RTC file. See "Backup Partition Name" on page 3.

Installing DISE and Creating the Backup Partition Automatically

1 Run Setup from the DISE CD or downloaded package.

The Welcome screen displays.

2 Click **Next**.

3 If you did not create a backup partition before installing DISE, you will be prompted to choose a size for the backup partition and the number of images to be included in that partition.

4 Click **Next**.

5 Click **Finish** to install files and create the partition.

6 Click **Yes** to go to DOS. DISE creates the backup partition and reboots automatically.

Running DISE Setup without User Interaction

1 Type setup /size=*x* /log=*y* /SBI at the DOS prompt, where *x* equals size in MB or "MIN" or "MAX" and *y* is the path and filename for the log file.

Add the /SBI switch if you are including only one backup image.

Creating the Factory Image (Optional)

You can choose to create a factory image, so the end user can restore the computer to the state in which it was shipped from your factory.

1 After the machine has been taken out of audit mode, click **Start ➤ Run**, then type C:\DISE\WDISE /CFB.

DISE reboots automatically after creating the factory image.