How to use Ghost Disk Imaging Program
By John Darlington

The Ghost program is installed onto your computer from a CD. The Ghost program can be found on Norton System Works 2000, 2001 and on a Ghost CD.

You only have to install the Ghost program not the whole Norton System Works. Use windows explorer to find the Ghost installation program on the CD. In System Works 2001 the file is setup.exe in 2002 the file is ghost.msi.

The Ghost Disk is a single Floppy disk that contains everything you will need to image or restore partitions on your hard drive.

These disks are created form the Ghost Program after you install it onto your computer form the Ghost CD.

There are three basic floppy disks that can be created from the Ghost program.

The first disk is for basic file imaging. You can copy the image of one partition to another partition or Hard drive on your computer as a single file. It will also support a parallel port connection or an active USB Connection form one computer to another.

The second disk is with CD Rom support. This allows you to restore an image file that has been burned onto a CD-R or RW Disk.

The third disk allows for network support, two machines that are connected together over a Dos network.

For this discussion we will try to keep it simple and only address the first disk. The following instructions are for Imaging a partition and placing the image file onto another drive or partition in your computer. Therefore you must have at least 2 partitions or drives on your computer and the drive that you intend to store the image to must be large enough to hold the image file. The size of the image file will vary and cannot be determined in advance. Most files will be compressed to 60 % in the fast mode and 50 % in the high compression mode. If the drive that you are imaging contains many files that are already in some form of (Zip Files Jpeg or MP3) compression format than the image size will be much larger. The image file can be split and span two drives or partitions. A drive that has one gig of space used on the drive may compress to 500 to 600 Megs. This is not a rule just an estimate as explained above and can vary greatly.

Why image a partition? There are many reasons. The first is to backup your machine.
If for any reason your C drive becomes corrupted you cannot boot your machine, some
program or hardware does not work, you have a virus, or you want to try various
operation systems Ghost just may be the answer. The imaging and restoration process is
quite simple. The process can take as little a 3 minutes or 20 minutes depending on the
speed of your computer, hard drive and the size of the partition that you want to image.

How to create the Ghost Floppy disk

After the Ghost program has been installed onto computer got Start, Program, Norton
Ghost 2002, and Norton Ghost Boot Wizard. Select the Boot disk with CD-R/RW and
USB Support. Click Next.

This screen allows you to select options. Do not select any options at this time you will
not need them. Click Next

You can select either PC Dos or MS Dos. Just click next.

The next screen just shows where to find the ghostPE program. Click Next

The next screen shows the drive letter of your floppy disk (A:). The boxes to format
and copy data to the disk are checked and the number of copies is set to 1. Click next

The next window will appear showing the options you have selected. Click Next

A window will appear (Format 3 ½ Floppy (A:) click start. When blue bar at the bottom
of the box goes away, click close.

So far you have formatted the floppy disk the system files and Ghost program will now
be copied to the floppy disk.

When the Norton Ghost screen appears click finish to end or start again to make another
Ghost disk.

Congratulations you now have a Ghost disk.

Creating a file image of a partition

1. Turn off your computer.

2. Insert Ghost floppy disk into the A drive.

3. Turn on your computer.

4. When ghost has started click OK.

   To Image your Hard Drive

1. Select Local, Partition, to Image and Click.

2. Select source drive. (If you have 2 hard select the one to Image).

3. Click OK.

4. Select the partition you want to image. (Usually primary for drive C: this is where
    you operating system is located)
    Click one than Click OK.

5. Goto the Drop Down Box at the top of the screen. (You have to select
    The place you want to store the image that you are creating. It may be D:
    Drive or E: drive if you are imaging the C: drive.
    If you want to save the image file on your D: select the D drive from the drop down
    box. Type in a name for the file (C_Drive) and click save.

6. Select the method of compression that you want, None, Fast (60%), or High (50 %).
    Select fast and Yes.

7. Click proceeds. A status screen will come up showing information, how fast, file
    size and time remaining.
    Ghost is now imaging your partition. Wait until you are prompted Dump Completed
    Successfully click continue. Click Quit from menu. Click Yes. Remove disk after
    you see the Ghost prompt appears. Restart your computer.

You now have an image of your C: partition saved on your computer.

How To Restore a Image File Using Ghost

1. Turn off your computer.
2. Insert the Ghost floppy disk.
3. Turn on your computer.
4. After Ghost starts click OK
5. Select from the menu Local, partition, from image.
6. Click.
7. Select the location of the image file on your hard drive from the drop down window.
8. Enter license number that can be found on the startup screen when booting from the floppy disk. This is for Version 2002. Not required for earlier versions.
9. Click OK
10. Select the drive where the image is stored.
11. Click OK.
12. Select the drive where you want to restore the image to.
13. Click OK.
14. The partition that you want to restore.
15. Click OK.
16. Click yes to restore the partition.
17. After the partition has been restored you remove the floppy disk and press restart computer.
18. The computer will restart with the restored partition in place. You are now finished.