Documentation about creating backups and cloning of ATG-DELL-PC's

After every installation at the customer the ATG-service-people should create a backup from the c.\-drive on the backup-partition and additional a clone on the backup-disk
So we have everytime the current level of customer-installation on 4 different partitions
1. on the original c:\-drive
2. on the backup-partition of main-harddrive
3. on the c.\-drive of the spare-harddisk
4. on the backup-partition of the spare-harddrive

Part 1:

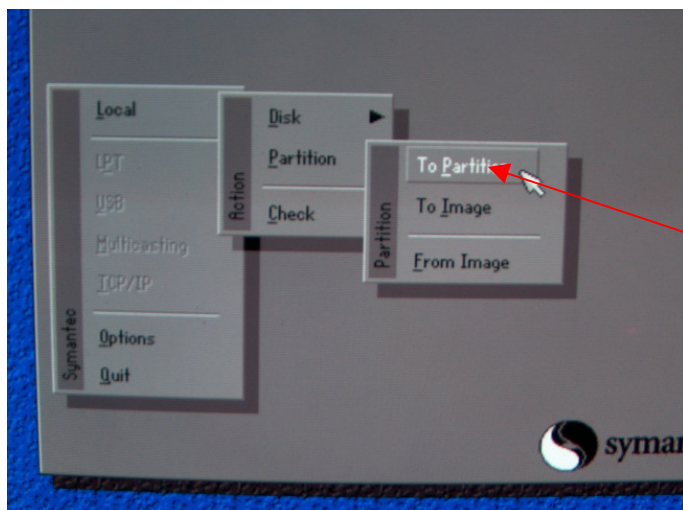**Creating backups after customer installation (copy partition to partition):**
After everything is configured you should shutdown the pc and insert the Ghost-boot-Floppy or the Ghost-boot-CD.
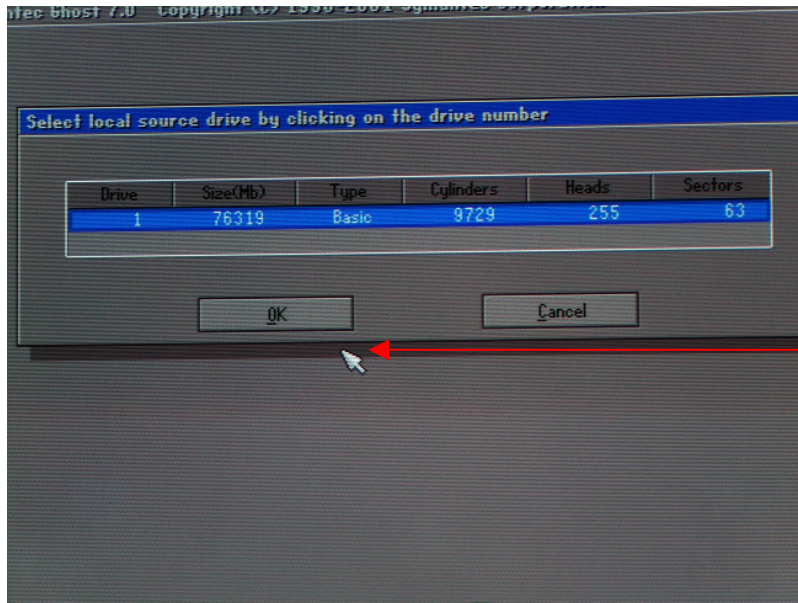Make sure that your first Boot-device is Floppy-drive or CD-drive !!!!!
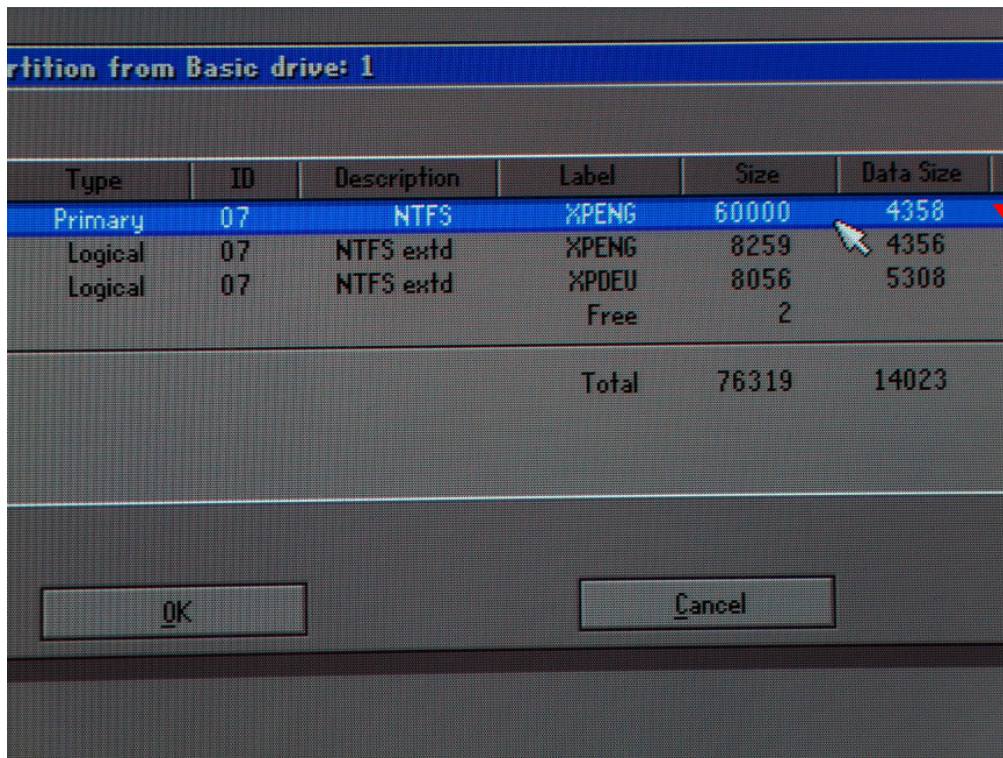You get the Ghost-startup-screen

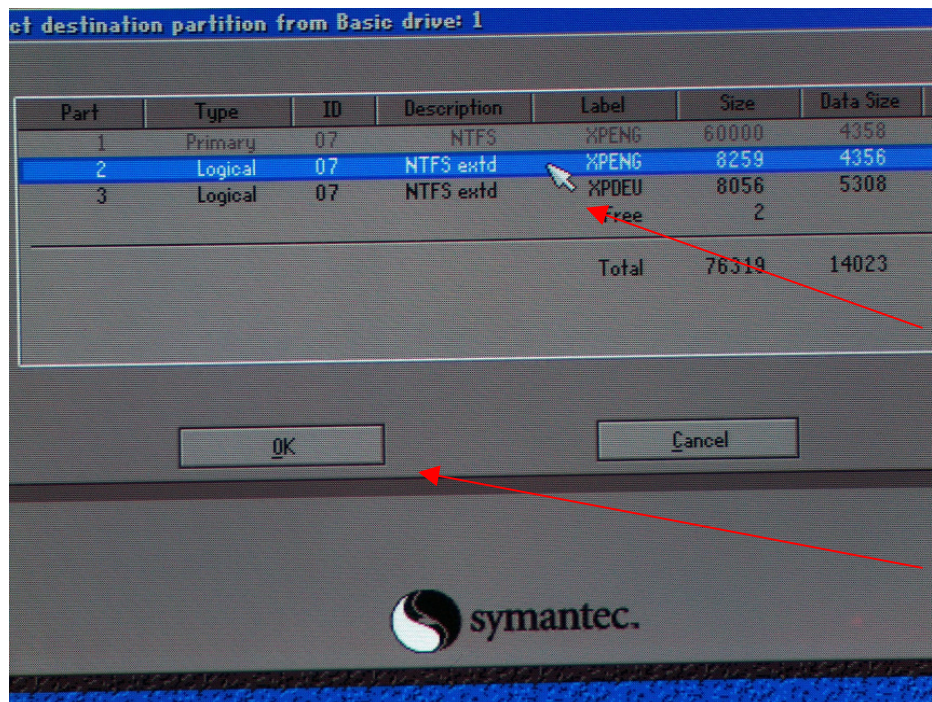
Click to
Ok !!!

Click to

Local
Partition
To Partition

Select local source drive by clicking on the drive number

Drive	Size(Mb)	Type	Cylinders	Heads	Sectors
1	76319	Basic	9729	255	63

Click to

Ok

Here you select the drive where your partitions are. In this case there is only one harddrive active (main-harddrive)

rtition from Basic drive: 1

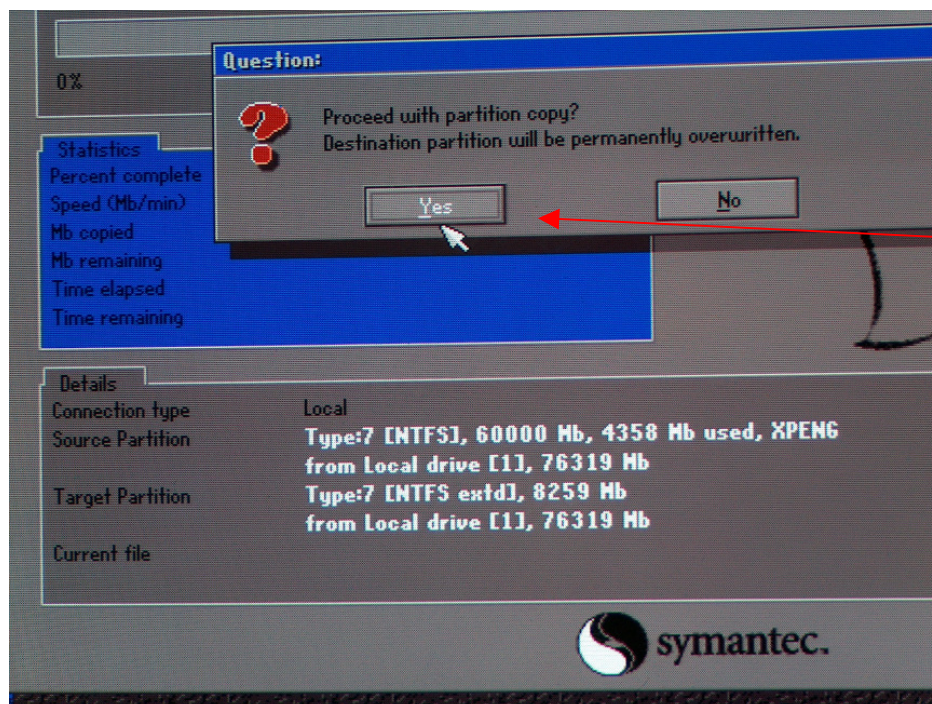| Type	ID	Description	Label	Size	Data Size
Primary	07	NTFS	XPENG	60000	4358
Logical	07	NTFS extd	XPENG	8259	4356
Logical	07	NTFS extd	XPDEU	8056	5308
			Free	2	
			Total	76319	14023

Select
Source-partition
(c:\ with 60GB)

Select destination-partition

For english–installation
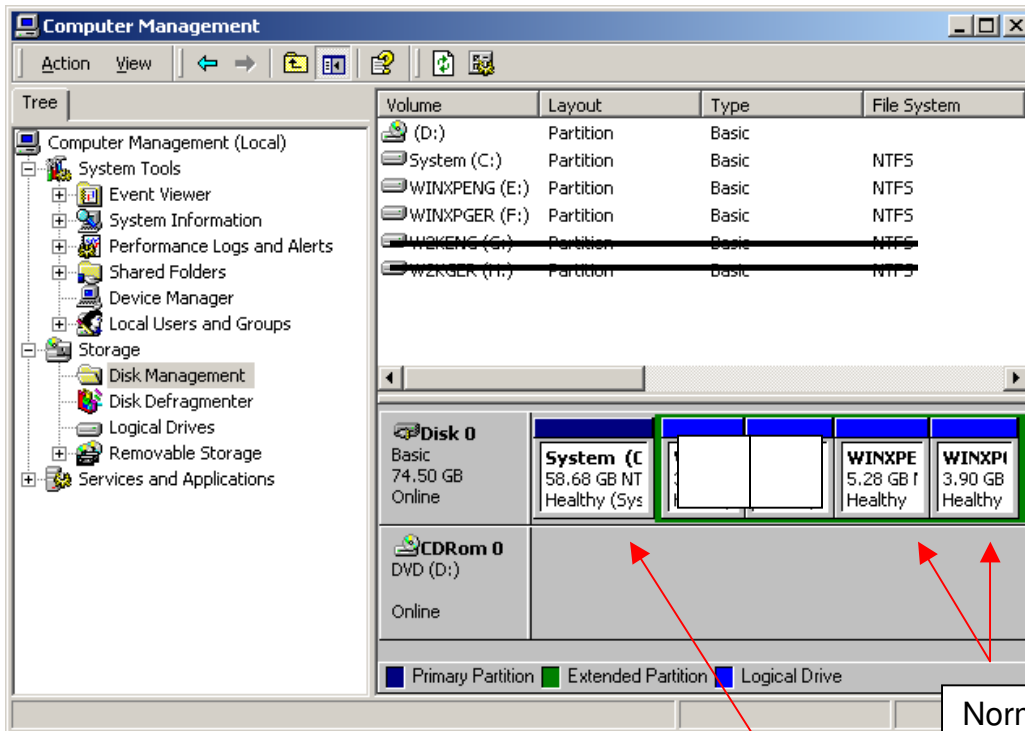XPENG
For german-installation
XPDEU

Click to OK

Start the copy-process with YES

After the copy process you can reboot the pc.

After login into XP you have to make the backup-partitions XPENG and XPDEU invisible again
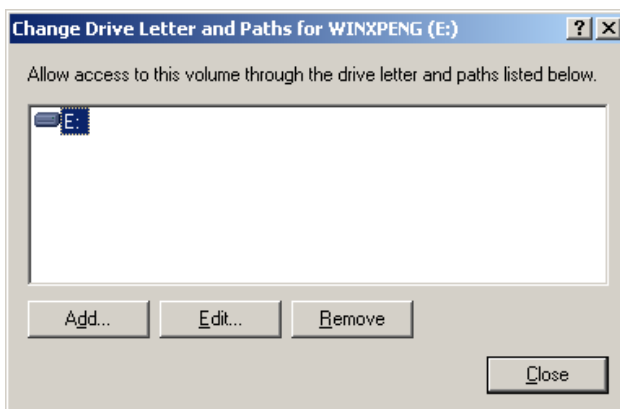
Part 2
Hiding of the backup-partitions

START – Settings - Control Panel - Administrative Tools – Computer Management – Disk Management

Normaly hide partitions
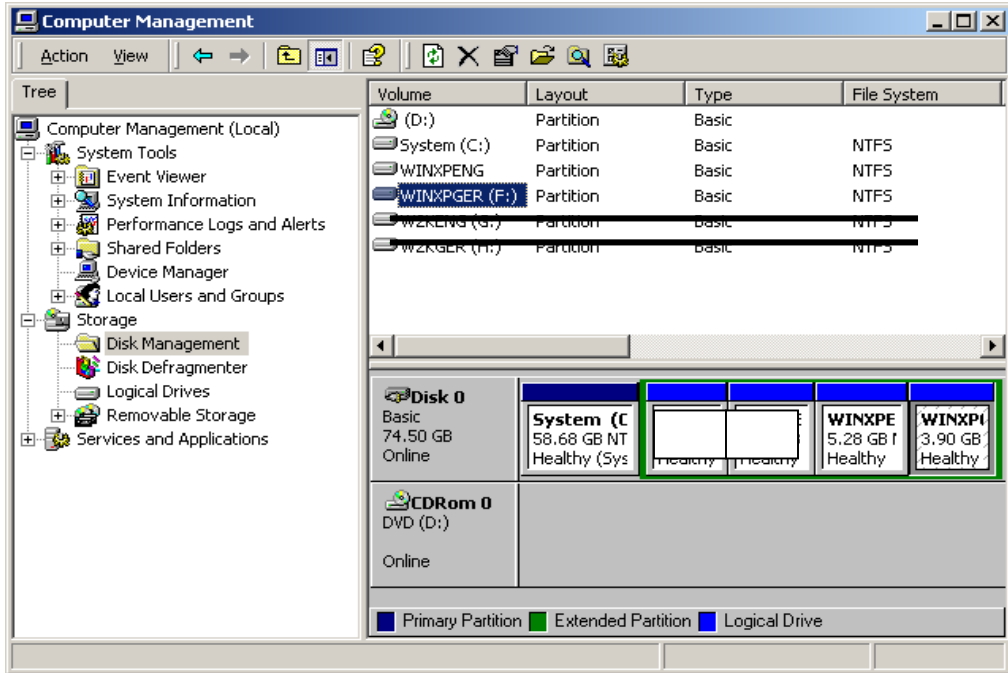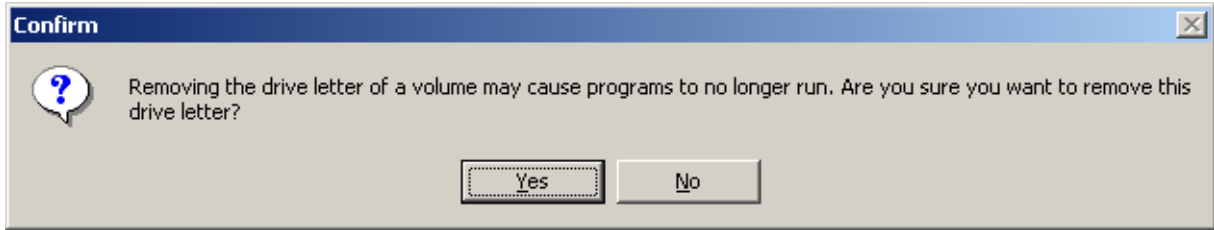
Main-partition

To hide partition E: do the following steps:
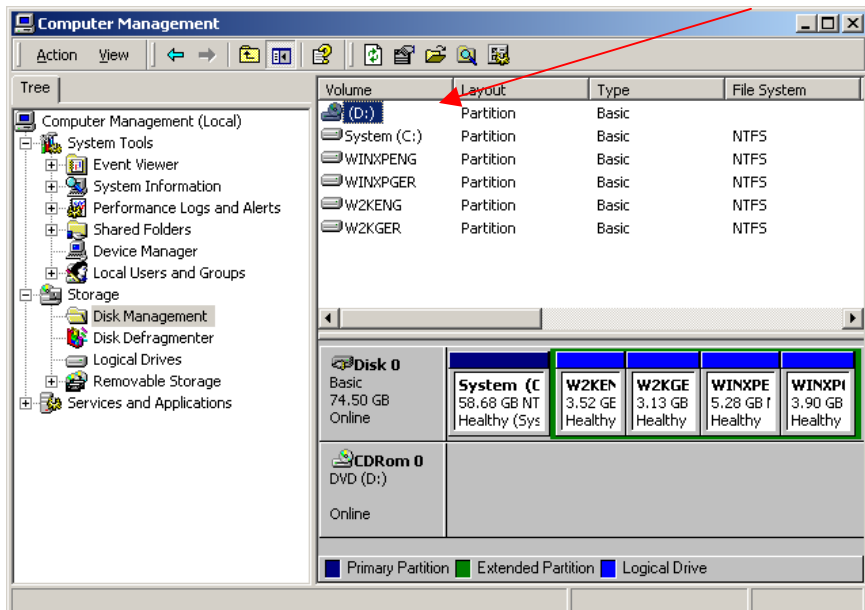
Mark partition E: and click right mouse button

click to remove

Drive E: is not active anymore. The partition is still there but invisible in the Explorer.

Do the same procedure for all partition, but not for the partition C:
Be sure that the CD-Burner is Drive D: (otherwise change it to D:)

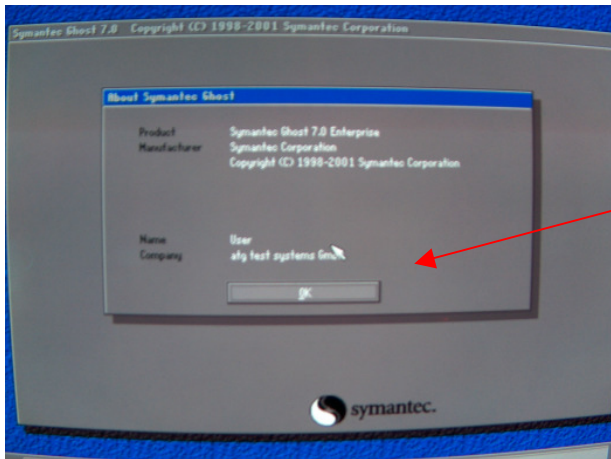

Now your backup is done !!!!!

Part 3:

Cloning the harddrives after creating the backup (copy disk to disk):
After your backup is done, please shutdown the pc and insert the Ghost-boot-Floppy
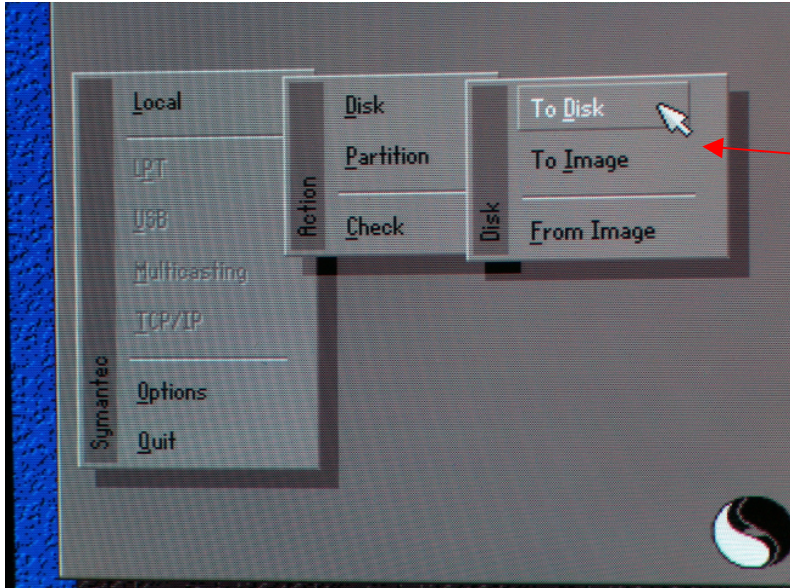or the Ghost-boot-CD.
**Switch on the spare-harddrive on the rearside of the pc ("2. HD ON")
and activate the spare harddrive in the BIOS !!!!**
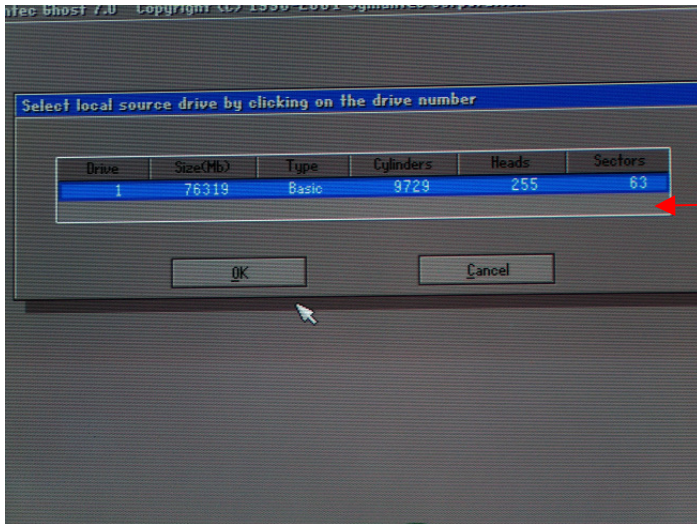Make sure that your first Boot-device is Floppy-drive or CD-drive !!!!!
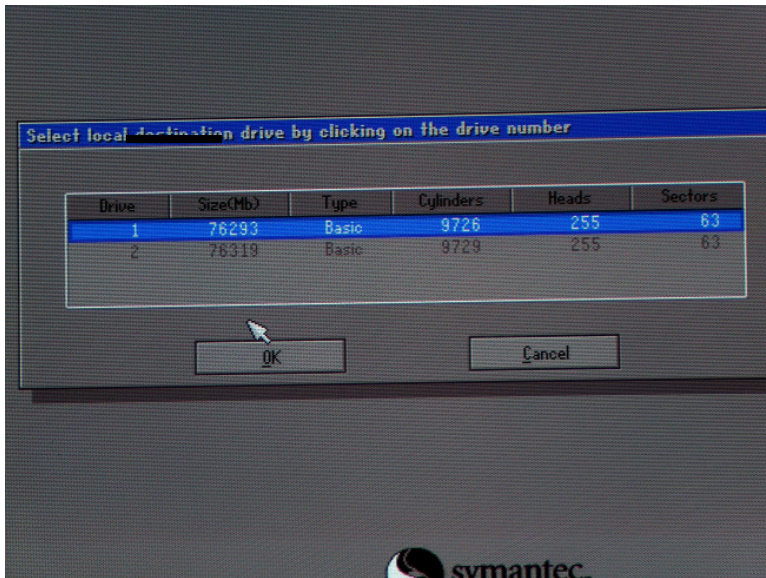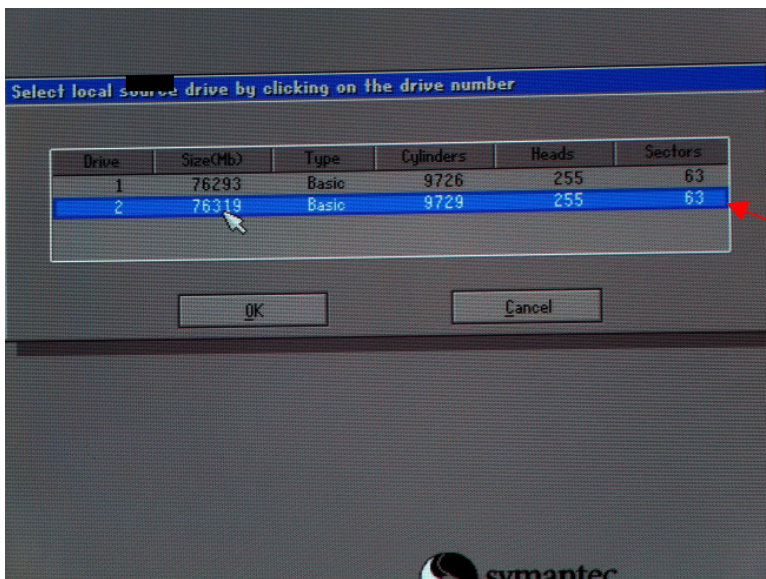You get the Ghost-startup-screen

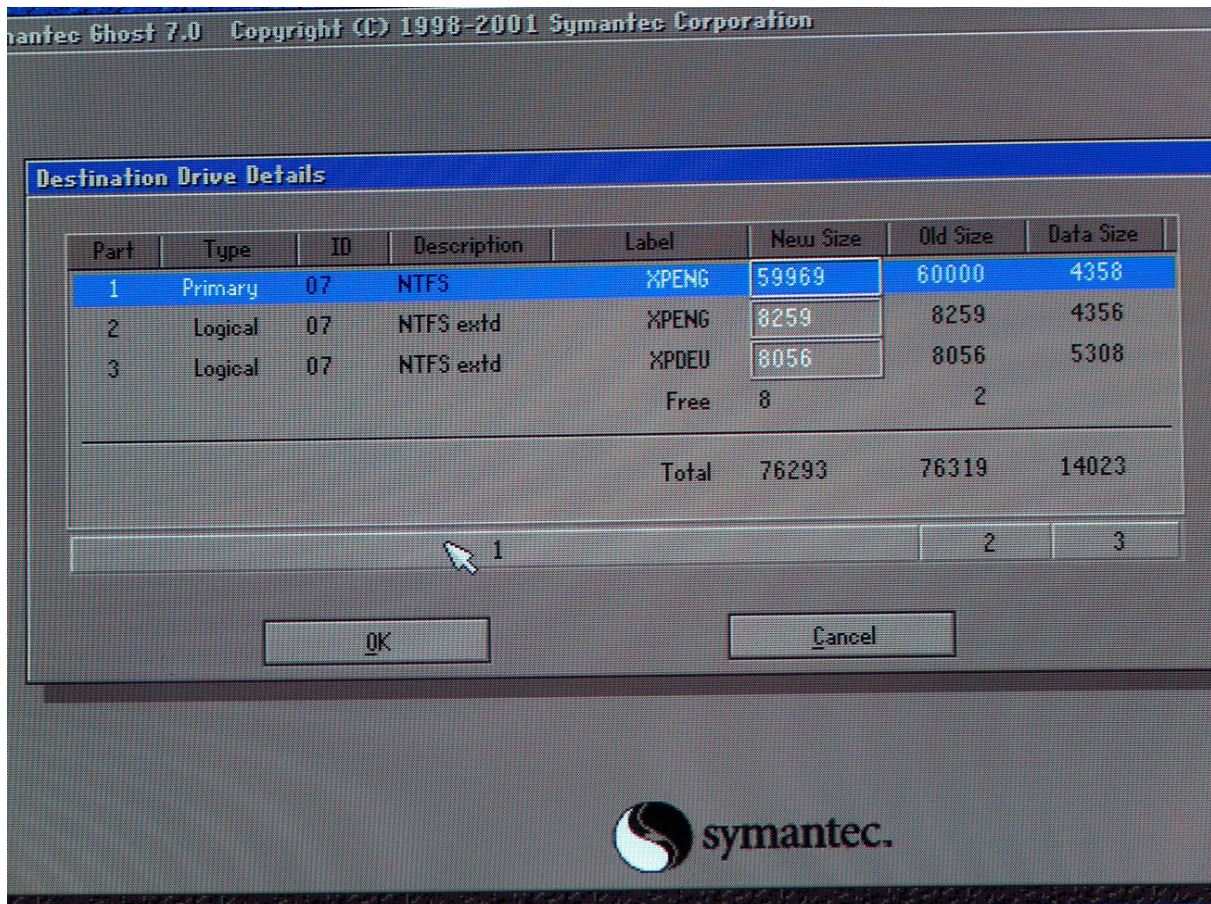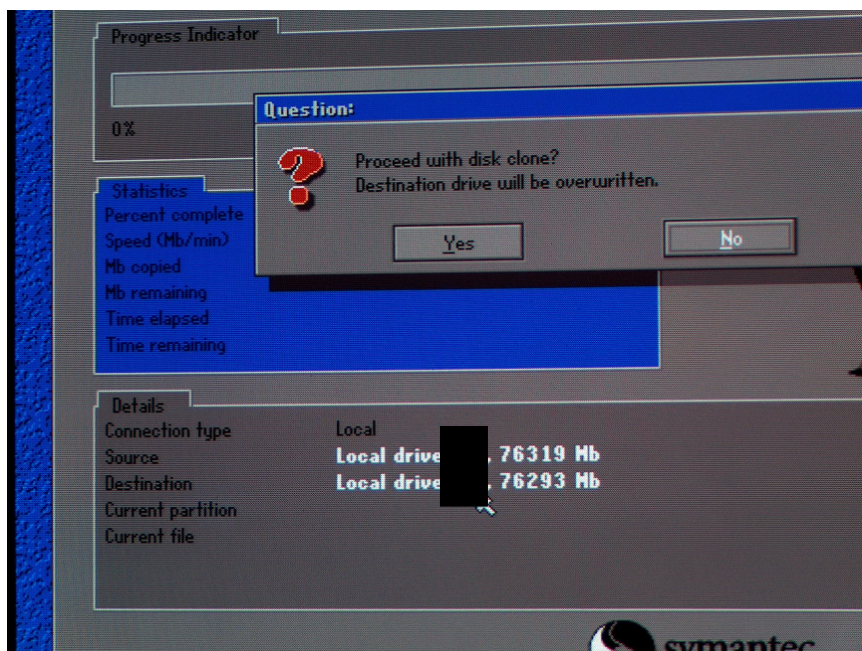Click to
Ok !!!

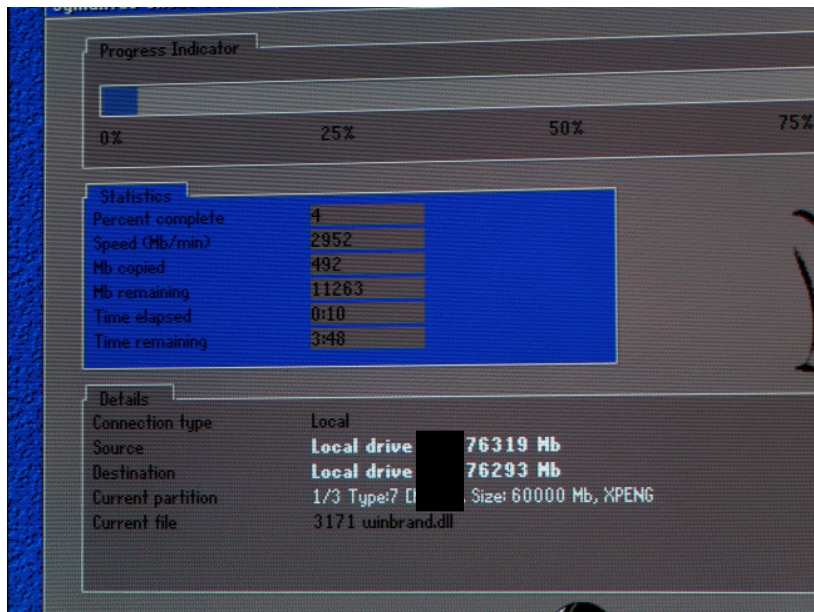Local
Disk
To Disk

Click to OK

Select the source-drive

Select the desitination-drive

Here you see an overview which data are on your destination-drive after the cloning-process. **When you are sure** the result is correct, click to OK !!!!

After the clone-process you can boot the spare-harddrive for controlling.

Remove the main-harddrive with the removable-frame and startup the pc.
You'll get a message that main-harddrive is not present, press F1 to continue.
Now you boot the spare-harddrive.
You have to hide the backup-partition like the description in Part 2.

After hiding the backup-partitions you can shutdown the pc.
Insert the main-harddrive in removable-frame and **lock with the key.**
Switch off the spare harddrive on the rear-side of the pc ("2.HD OFF").
Reboot the pc and deactivate the spare-harddrive in the BIOS (access the BIOS with
F2 at startup).

Now you can boot the main-harddrive……that's it !!!!

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