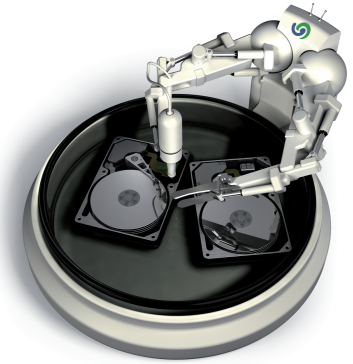
Application of the Start-CD



O&O DiskImage

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Starting O&O DiskImage without an operating system (Start CD)

The Start CD facilitates the restoration of a system drives or hard disks on which system drives are located. The only pre-requisite is that you previously created one or several images of the computer. It doesn't matter if it was a singleboot or multiboot computer. Both systems are supported by O&O DiskImage.

You don't need a working operating system to start O&O DiskImage directly from CD.

The Start CD comes with a bootable Windows operating system including all the necessary drivers. If, however, special software is not recognized, you can install further drivers, e.g. for controllers or network cards with the help of Wizard.

Application of the Start CD

If your computer displays an error message at the start, you can circumvent your operating system by using the Start CD and restore an image direct from the CD itself. You can thus repair the problems and get back to working as per usual. The following text will list and explain the most common error messages your computer might generate:

***Note:**
The Start CD, which enables the use of O&O DiskImage without a running operating system and the restoration of system partitions, is not included in the Special and Express Editions.

Error message	Problem description	Cause	Problem solution
„Invalid Partition Table“, „Error Loading Operating System“ oder „Missing Operating System“	After starting the computer the BIOS is started, and the BIOS information is shown. Then an error message is displayed on a black background.	The MBR (master boot record), which is located in the first sector of the hard disk is defect or cannot be read.	Boot your computer with the help of the O&O DiskImage Start CD. Then restore the MBR (the first system area) or the entire hard disk. Alternatively, you can start the Microsoft restoration console and run the command „fixmbr“.
„A disk read error occured“, „NTLDR is missing“ oder „NTLDR is compressed“	After starting the computer the BIOS is started, and the BIOS information is shown. Then an error message is displayed on a black background, very similar to the one shown when a MBR is defect or cannot be read anymore.	The boot block, the Windows start sector code for the system partition is defect or cannot be read.	Boot your computer with the help of the O&O DiskImage Start CD. Then restore the system partition or the entire hard disk of the image. Alternatively, you can start the Microsoft restoration console and run the command „fixboot“.
„Windows could not start because of a computer disk hardware configuration Problem“, “Could not read from selected boot disk”, “Check boot path and disk hardware” oder “ungültige oder fehlende Datei hal.dll”	After starting the computer the BIOS is started, and the BIOS information is shown. After a short boot dialogue of Windows an error message is displayed similar to the ones mentioned above on a black background.	The file „boot.ini“ or the „BCD“ is defect or cannot be read, or the entries lead to a non-existent boot/system partition.	Boot your computer with the help of the O&O DiskImage Start CD. Then load the image and copy the file boot.ini or BCD (from Windows Vista) from the boot- / system partition onto the boot- / system partition of your computer. Alternatively, you can also restore the system partition or the entire hard disk or to start the Microsoft restoration console and run the command „bootcfg /rebuild“.
„Windows could not start because the following file is missing or corrupt“ oder ein blue screen mit “STOP: 0xC0000135 {Unable to Locate Component}.”	After starting the computer the BIOS is started, and the BIOS information is shown. After a short boot dialogue of Windows an error message is displayed similar to the ones mentioned above on a black or blue background.	The system partition or file system are defect.	Boot your computer with the help of the O&O DiskImage Start CD. Then restore your system partition or your entire hard disk.

Explanation of the Windows restoration console and their parameter under http://support.microsoft.com/kb/314058