

Rebuilding AEM Cores Control Computer

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These instructions are intended to aid in the replacement of the hard drive.

You will need:

- A working computer with a CD drive
- A CD drive that you can temporarily install in the AEM Control Computer
- A known good floppy disk – WARNING The disk used by wboot98.exe will be formatted! Any data will be lost!

Step 1. Boot floppy preparation – at a working computer running Windows 9X

1. Take the Unicore CD to a functioning computer.
2. Insert the floppy disk into the disk drive
3. Locate the file wboot98.exe on the cd – x:\rebuild\wboot98.exe (where x is your cd drive letter)
4. Execute wboot98.exe by double clicking on it.
5. You should only need to click OK and not change any settings.
The settings are: Wrtiting on floppy, and A: and number of set 1
6. This will build your boot floppy.

Step 2 Setting up the replacement hard disk

1. Install the replacement hard disk in the AEM Control Computer
2. Temporarily install the CD drive on the same cable as a slave (CD's are normally set up as slaves)
3. Boot the computer from the floppy created by wboot98.exe. You will be presented with a menu asking wether you wish to boot with or without cdrom support or view help. (Any help offered by menu option 3 has no relevance to these instructions) Boot with cdrom support option 1. If you make no selection the computer will choose option 1 automatically after some time.
4. Put your Unicore CD into the CD drive
5. Type e:\rebuild\ghost and press enter, ghost will load. Press enter to say ok to the sign on screen
6. From the menu select: local (enter), disk (enter) from image (down down enter)
7. A dialogue will now appear to select the ghost image. We wish to select d:\rebuild\aed_hdd.gho. You may attempt to navigate there if you wish, but pressing alt-n will take you straight to the name field and typing d:\rebuild\aed_hdd and pressing enter will achieve the end result fastest.
8. Ghost will show the image in the window when it has found it. Press enter, and ghost will request that you select the local destination. There should only be the one destination to select, press enter.
9. Ghost will now show details about the destination drive, press Alt-O. Ghost will then ask if you wish to proceed – Alt-Y for yes.
10. Ghost will now take the image and put it on your hard disk. This happens rather quickly – the image is small.
11. When ghost has finished it will say clone complete. You may ask ghost to reset the computer if you wish.
12. Remove the CD drive from the computer, and remove any floppy disks from the disk drive.
13. Turn on the computer, you should see it boot and load MD_shell