

# Installing the software

## DOS/ Windows 3.1

Installing CardSoft/CardWizard Card and Socket Service Software

CardSoft/Card Wizard software adds functionality to your DOS 5.0 or 6.xx, or Windows 3.xx OS that allows you to use your SwapBox.

**Warning!** If your system is connected to a network, log off before starting installation. The results of installing CardSoft 3.1 while connected to a network are not predictable.

### Installation:

1. Log off any network.
2. Remove any PC cards from the SwapBox.
3. Insert the CardSoft 3.1/CardWizard diskette.
4. At the DOS prompt, change to the floppy drive (a:\>) and type: install
5. The install program starts and displays an initialization screen followed by the first dialog box.
6. Choose Continue to install CardSoft/CardWizard and follow the instructions on your screen.
7. Replace your PC Cards, reboot your system, and re-log back onto your network.

Drivers Installed by CardSoft 3.1/CardWizard During Installation

The following device drivers are added by CardSoft 3.1/CardWizard installation:

Drivers Added	Details
Device=c:\card...\ssvadem.exe /skt:2	<b>/skt:2 assigns two drive letters for the SwapBox. Change to /skt: 1 for single slot SwapBox. This driver is necessary to activate the Vadem chip set on the SwapBox. CardSoft/CardWizard will add device drivers (either 7 or 8 respectively) to your config.sys. These drivers will create the logical drive letters. Depending on how many PCMCIA slots your SwapBox has, the drive letter will be assigned as the next available logical drive by your system's BIOS</b>
Devicehigh=c:\card...\cs.exe	<b>/poll: 1 prevents IRO conflicts</b>

<b>/poll:1</b>	<b>during SwapBox installation.</b>
<b>Device=c:\card...\csalloc.exe</b>	<b>This driver is recommended to be loaded low.</b>
<b>Devichigh=c:\card...\atadriv.exe /s:2</b>	<b>This slaves together two drives letters for ATA drives. Change to /s:1 for single slot SwapBox. ATAdrv.exe provides support for ATA drive and ATA flash cards.</b>
<b>Devicehigh=c:\card...\mstram.exe</b>	<b>Provides support for SRAM and some memory cards. Can be marked "rem" if no SRAM memory card is used.</b>
<b>Devicehigh=c:\card...\mtddrv.exe</b>	<b>This provides support for SRAM and some memory cards.</b>
<b>Devicehigh=c:\card...\swapftl.exe</b>	<b>Applies to WizFTL use only.</b>
<b>Devicehigh=c:\card...\cardid.exe</b>	<b>Provides support for fax/modem and network cards.</b>

**Note:** The config.sys file loads its device drivers first in memory before your autoexec.bat file commands, and since the drive letter for CDROM'S get assigned by the MSCDEX.EXE file in your autoexec.bat, then the last logical drive letter will be requested and assigned to your CDROM by your system's BIOS. This explains the shifting in your CDROM drive letter after the installation of your SwapBox software is completed. Unfortunately, drive letters are not controllable under DOS operating system due to the loading order, and are confined to the system's BIOS control and the operating system.

### **Drivers Needed for SwapBox under Windows 3.xx and DOS**

The following drivers must be in your config.sys file to ensure a properly working SwapBox:

<b>Device=C:\Windows\Himem.sys</b>	<b>If Win 3.xx is not installed, use: C:\Dos\Himem.sys</b>
<b>Dos=high,umb</b>	
<b>Device=C:\Windows\Emm386.exe NOEMS x=d000-d7ff</b>	<b>This is a 32kB memory window and can be expanded to 48kB</b>
<b>Devicehigh=c:\windows\setver.exe</b>	<b>This value does not affect _____</b>

	<b>operation greatly.</b>
<b>Files=35</b>	
<b>Buffers=35</b>	<b>This value does not affect operation greatly.</b>

To verify the device drivers loaded properly: Reboot your system, when you hear the beep, press F8 (the function button). This allows you to confirm that each device driver is loaded properly. Otherwise, note the path of any file corruption. Correct any problems.