ACCES I/O eNET driver interaction with Microsoft's "Verifier" in Windows 2000/ XP

General: This note applies ACCES I/O eNET serial ports operating in DRIVER mode.

EVENT: Interaction between the ACCES I/O eNET and Microsoft's driver verifier software may cause a blue screen system crash. This event will be encountered when accessing or sending data to a serial port enumerated under an ACCES I/O eNET.

COMMENTS: The Windows 2000/XP Verifier utility may have settings enabled to verify signed/unsigned drivers. The serial drivers used by the ACCES I/O eNET are compatible with Windows 2000/XP, but are not "signed" by Microsoft. Therefore, to prevent system crashes, disable the Verifier settings, and re-boot the PC for the new settings take effect.

CORRECTIVE ACTION: Disable the Verifier settings as follows:

1. Go to START. In the "Run..." dialog, enter "verifier" and select "OK". The Verifier application will appear with a selection of options.

2. Disable settings, and exit from the Verifier. You can confirm on-screen that the settings have been disabled. HOW-EVER, you MUST reboot the PC for the new settings to take effect.

3. Reboot the system, then re-check that the Verifier settings have been disabled.

🕤 Driver Verifier Manager			3	×
Driver Status Global Counters Pool 1	racking Settings Volatile Settings			
Verified drivers		Global flags		
Driver Refresh frequency C Manual C High Refre Normal C Low	Status	Special pool: Force IRQL checking: Low resources simulation: Pool tracking: 1/0 verification:	Disabled Disabled Disabled Disabled Disabled	
			Exit	

Windows 2000 Verifier

Windows XP Verifier

Select a task	
• Create standard settings	
C Create <u>c</u> ustom settings (for code developers)	
© Delete existing settings	
C Display existing settings	
C Display information about the currently verified drivers	
Click Next to create standard settings.	
You will then be asked to select the drivers to verify.	