

#TN2029 Rev. A

Publish Distribution

**TITLE: Using Sentinel NT Driver with a F/Port Card**

Date: April, 1998

**Summary:** The Sentinel NT driver must be reconfigured in the registry and a standard parallel port added to the system for it to load properly after the F/Port drivers have been installed and loaded.

F/Port is a fast centronics parallel port card by Warp Nine Engineering that is designed to greatly speed up printing and ZIP drive access.

After the F/Port drivers are loaded, the Sentinel NT driver fails to load due to the F/Port drivers disabling PARPORT and PARALLEL.SYS and replacing it with their own drivers upon installation.

Based on the F/Port manufacturer's recommendation to not use dongles directly on F/Port, we will not be changing our driver to use our keys on the F/Port card. Our driver can load if DependOnService for the Sentinel driver is changed to use FARPORT instead of PARPORT, and there is a Standard parallel port installed into the system.

To get the Sentinel NT driver to load successfully, the following steps must be taken:

1. Install or enable a standard parallel port if one is not already enabled on the system.
2. If the Sentinel NT driver is already installed then remove it before installing the F/Port driver and reboot the system.
3. Install the F/Port card.
4. Install the F/Port driver and reboot the system.
5. Install the Sentinel driver and reboot.
6. Run REGEDT32.EXE from the SYSTEM32 directory and change the DependOnService value from PARPORT to FARPORT for \\HKEY\_LOCAL\_MACHINE\\SYSTEM\\ControlSet003\\Services\\Sentinel.

**Note:** *This is a registry change and should be done carefully so system parameters are not affected, which may cause the system boot to fail. A system backup prior to making changes is recommended.*

7. Reboot the system.