

## **ATTO Express2 SCSI HBAs in Red Hat 5.5 and SLES (SUSE) 11**

In both Red Hat version 5.5 and SLES 11 Linux versions, there is now built-in support for the LSI U320 SCSI chip in a driver called MPTSPI. If present, this driver will load automatically for the ATTO UL4D and/or UL5D SCSI adapters and must be removed ("*rmmod mptspi*") before our driver can be loaded.

The MPTSPI driver cannot be deleted from the system as it is compiled with each distribution's kernel. You can "blacklist" the MPTSPI driver so that it will not load upon boot. This will allow the ATTO driver to load on boot after installation. The following procedures can be used to blacklist the LSI driver:

### **Red Hat 5.5 and SLES 11:**

- 1.) Build ATTO driver using "install.sh" script. Do not attempt to load the driver.
- 2.) Open the following file in a text editor for editing:

#### ***/etc/modprobe.d/blacklist***

- 3.) At the end of the blacklist file, add the following lines:

```
# Blacklist LSI SCSI drivers (taking over ATTO SCSI HBA drivers)  
blacklist mptspi
```

- 4.) Save the file and reboot. The ATTO driver should load and you can confirm this in terminal by typing "lsmod" and looking for "express2". You can also use "lsmod" to confirm that the 3 LSI drivers did not load.