Overview of Sun® Solaris™ Support for Edgeport® USB-to-Serial Converters

Important: Before using any Edgeport device on a system running Solaris, please download and run the USB config script. (*See note below.)

Solaris Driver Availability
Support for Inside Out Networks' Edgeport USB-to-serial converters is integrated into the USB Serial driver in Solaris 9 04/04 (SPARC™ & X86) and in Solaris 8 12/03 (SPARC only) for Edgeport models implemented with a "930" chip (see next). Sun recommends that you upgrade to these versions or higher. For earlier versions of Solaris 8, patches 109896-24 for SPARC and 109897-18 for X86 architecture will provide this support. Search by patch number at http://www.sunsolve.com.

930 Chip vs. TI Chip
In 2003, Inside Out Networks replaced the 930 chip with a TI chip for all new production of Edgeport converters, so now most Edgeport devices have the TI chip. The Solaris USB serial driver was compatible only with the 930 chip versions at that time. That driver has now been upgraded by Sun to also support devices with the TI chip. Both 930 and TI chip sets are now supported with the newest Solaris versions.

Availability of Solaris Drivers for TI Chip
The new Solaris USB Serial driver has been ported to Solaris 10. It has also been back-ported to Solaris 9, 09/04. Patch 115553-15 is now available for Solaris 9 04/04 SPARC versions, and patch 115554-17 is now available for Solaris 9 04/04 on X86; however, Sun recommends upgrading to Solaris 9 09/04 instead.

A Solaris 8 patch for TI chip support on SPARC architecture is available as patch 109896-29. For X86 platforms, Sun recommends that you upgrade to Solaris 9 09/04.

*NOTE: Before using Edgeport devices you should:
1. **Make sure all required Solaris patches are also installed at the prescribed level or greater (see README for patch)**
2. **Download and run the USB config script on the system before connecting the Edgeport.**
   http://www.sun.com/bigadmin/scripts/sunScripts/usbconfig.txt
   Select option '1' to set all the system ports to the USBA 1.0 architecture.

See the USB FAQ at http://www.sun.com/io_technologies/USB-Faq.html for further tips.

Solaris Driver Availability for Sun Ray™:
Sun Ray appliances versions prior to SS3.0 only support the 930 versions; upgrade to SunRay version SS3.0 for support of the TI versions (same devices as above).

Send an email to io-tech@sun.com to report problems.

How to Distinguish Between the Two Chip Versions
You may reference the ten-digit part number on the bottom label of the Edgeport converter to distinguish between 930 and TI chips.

- 930 chip = 5000XXXX-XX (three zeroes)
- TI chip = 50000XXX-XX (four zeroes)

Please note that the outside kit packaging does not differentiate between the two versions.

For more information about Edgeport or about any of our enterprise USB connectivity solutions, please contact us or visit http://www.ionetworks.com or http://www.digi.com.