



Secure Com Port Redirector™ (SCPR)

- ▶ Rijndael AES 256-bit encryption
- ▶ Advanced encryption for secure data from PC to networked device
- ▶ Up to 64 secure channels
- ▶ Achieve securely encrypted serial-based communications
- ▶ Extend functionality of COM port-based Windows® applications

Encrypt COM Port-based Communications Between PCs and Virtually any Electronic Device

SCPR is a Windows® application which creates a secure communications path over a network between the computer and serial-based devices that are traditionally controlled via a COM Port.

With the proliferation of information in today's electronic world, businesses are more concerned than ever about protecting data from unwanted intrusion as it is transferred over a network or the Internet. Lantronix has addressed this critical requirement with Secure Com Port Redirector (SCPR).

This unique and easy-to-manage product extends the functionality of COM port-based Windows applications. Using standard TCP/IP protocols and advanced encryption algorithms, SCPR maps 'virtual COM Ports' to Lantronix device servers and encrypts the data at both ends of the communication. This enables COM-based software applications to communicate securely over a network or the Internet to remote serial devices. Those devices can then be managed from virtually anywhere without the threat of compromising data security. Sensitive information can be transmitted to and from remote equipment over the network or the Internet with the confidence of the highest level of security. Additionally this enhanced communication

from centralized applications to remote devices, without the need to modify the application or device, breathes new life into legacy equipment.

To take advantage of SCPR, device servers must support the Rijndael AES encryption. Currently, Lantronix's SecureBox™ family of external device servers and versions of XPort™ and Micro100 embedded solutions support this advanced Rijndael AES.

SCPR can also be used to create secure COM Port-based connections between PCs over Ethernet. With SCPR installed at each machine, PCs that were formerly 'hard-wired' by serial cabling for security purposes or to accommodate applications that only understood serial data can instead communicate over an Ethernet network or the Internet.

System Requirements

Computer: IBM or compatible Pentium III, 500 MHz or higher

Operating System: Windows NT4.0/2000/2003 Server/XP, Vista

Memory: 64 MB RAM (128 MB RAM recommended)

Hard Disk Space: 10MB

