

Serial/IP Redirector version 4.2

The Serial/IP™ Redirector from Tactical Software lets applications use networked serial servers – without application software changes. Through virtual COM ports created by the Serial/IP Redirector, applications can immediately use a server's serial ports as if they were local serial ports.

The Serial/IP Redirector software runs at the kernel level to provide superior performance and low latency. Configured through its convenient Control Panel interface, the Serial/IP Redirector automatically uses the protocols supported by TCP/IP-based serial servers from dozens of manufacturers. SSL/TLS encryption is optionally available to secure the network connection to the server.

Serial applications begin using networked serial ports in three easy steps:

- ▶ The Serial/IP Redirector creates virtual COM ports for selected ports from COM1 to COM256. Existing COM ports are automatically excluded.
- ▶ Through the Serial/IP Control Panel, each Serial/IP COM port can be separately configured to use a designated serial server.
- ▶ The PC application opens and uses Serial/IP COM ports, which operate as if the serial server's ports were local to the PC.

In Mission-Critical Applications

- Device control and data acquisition
- Facility system management and monitoring
- Remote server console login
- Factory automation
- Process control
- Out-of-band management of network and telco infrastructure
- Point-of-sale terminal integration

Requirements

- Intel-compatible PC, Pentium-class processor
- Operating systems: Microsoft Windows XP, Server 2003, 2000, NT 4, Me, 98, 95, Terminal Services; Citrix MetaFrame
- TCP/IP-based serial server, optionally supporting IETF RFC 2217 COM Port Control extensions of the Telnet protocol

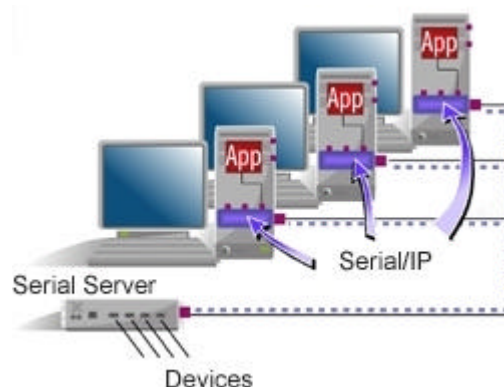
More Information

For licensing, pricing, and availability please visit the Tactical Software® web site www.tacticalsoftware.com or call 1-888-4TACTSW (482-2879).

Tactical Software, LLC

670 N. Commercial St., Manchester, NH 03101
Tel. 603-606-6700

©2004 Tactical Software, LLC. All rights reserved. Tactical Software is a registered service mark and Serial/IP is a trademark of Tactical Software, LLC. Other names of companies or products may be trademarks of their respective owners. Information herein is subject to change without notice. DS-SI-42B



The Serial/IP Redirector

- Requires no special server software – Easy to deploy
- Uses TCP/IP protocols – Works with over 25 serial server brands
- Applications “instantly” use serial servers – No software changes
- Up to 256 simultaneous connections – From just one PC
- Eliminates local serial lines – Applications can run anywhere
- Network-based – Serial ports available to mobile workers
- Selectable auto-reconnect – For “always-on” connections
- Optional encryption – Secures data between PC and server

Standard Features

- Control Panel interface, activity monitor, and trace display
- Creates up to 256 virtual COM ports
- Configuration Wizard automates and verifies settings
- Automated login to serial servers
- Runs as a Windows service, no Windows login required
- Administrator install option prevents changes by users
- Control Panel settings for DTR/DSR/DCD handling

SSL/TLS Encryption Option

- Encrypts TCP/IP connection data to the server
- Selectable ciphers and strengths, up to 256-bit AES
- Provides and validates SSL certificates
- Requires server support for SSL/TLS encryption