

RealPort® with Encryption

Feature Spec

Patent-pending software provides additional security

Overview

Digi has added a patent-pending encryption feature to RealPort, the industry's first and only patented COM port redirector. The software utilizes advanced security features to allow companies to securely and easily network-enable serial devices, without spending valuable time and money to re-write existing application programs.

About RealPort

Digi's patented RealPort software provides a virtual connection to serial devices, no matter where they reside on the network. The software is installed directly on the host and allows applications to talk to devices across a network as though the devices were directly attached to the host. In actuality, the devices are connected to a Digi device server or terminal server somewhere on the network.

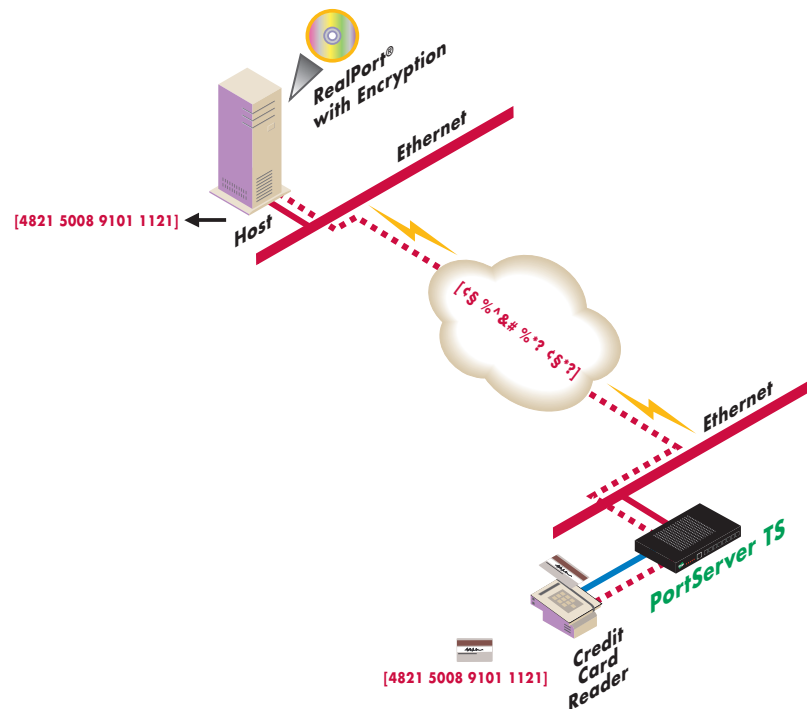
RealPort is unique among COM port redirectors because it is the only implementation that allows multiple connections to multiple ports over a single TCP/IP connection. Other implementations require a separate TCP/IP connection for each serial port. Unique features also include full hardware and software flow control, as well as tunable latency and throughput.

About RealPort with encryption

Digi now takes RealPort technology a step further with patent-pending RealPort with encryption, offering a secure Ethernet connection between the COM or TTY port and a device server or terminal server. Encryption prevents internal and external snooping of data across the network by encapsulating the TCP/IP packets in a Secure Sockets Layer (SSL) connection and encrypting the data using Advanced Encryption Standard (AES), one of the latest, most efficient security algorithms.

Digi's RealPort with encryption driver has earned Microsoft's Windows Hardware Quality Lab (WHQL) certification. Drivers are available for a wide range of operating systems, including Microsoft® Windows Server™ 2003, Windows® XP, Windows 2000, Windows NT®, Windows 98, Windows ME; SCO Open Server; Linux; AIX; Sun Solaris SPARC; Intel; and HP-UX. It is ideal for financial, retail/point-of-sale, government or any application requiring enhanced security to protect sensitive information.

RealPort with encryption works with Digi One™ IAP, PortServer® TS and Digi Connect™ device server and terminal server solutions.



Features/Benefits

SSL Connection	- Prevents data sniffing over TCP/IP connection - Ensures secure data transmission for online banking and credit card transactions
AES for data encryption	Protects sensitive information with one of the most efficient security algorithms available
Patent-pending technology	Reliable, proven performance
Supports more devices per server than any other COM port redirectors	Provides up to 4096 COM ports with Microsoft Windows and up to 65,000 TTY devices with UNIX*
Comprehensive OS support	Compatible with virtually any program

* Limited only by OS and server processing power



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