REALPORT® WITH ENCRYPTION

Patented encryption feature of RealPort. The software utilizes advanced security features to allow companies to securely and easily network-enable serial devices.

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

RealPort with encryption offers 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).

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 AIX, HP-UX, Solaris, Linux, Windows 2000, XP, 7, 8, 8.1, 10 and Windows Server 2003, 2008, 2012. 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® and ConnectPort® 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

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 (limited only by OS and server processing power)

COMPREHENSIVE OS SUPPORT
– Compatible with virtually any program

REALPORT WITH ENCRYPTION SOLUTION

REALPORT® WITH ENCRYPTION

HOST

4821 5008 9101 1121
Unencrypted
Credit Card Data

Ethernet

Encrypted
Data

CONNECTPORT® TS 16

Credit Card
Reader

Serial

4821 5008 9101 1121
Credit Card

DIGI