REALPORT USB

Digi's patented RealPort USB software allows companies to network-enable USB devices easily without spending valuable time and money to re-write existing application programs

Many of today's key business applications were written to talk to USB devices that are directly connected to servers. To serve their customers better, businesses have found it necessary to locate USB devices in places that are not always close to servers or PCs.

Using Digi RealPort® USB software in conjunction with the Digi AnywhereUSB® network-enabled USB hub, users can connect USB devices anywhere on the LAN. The solution is seamless — the USB devices appear as though they are plugged directly into the host PC, when in actuality they are connected to an AnywhereUSB somewhere on the network. This ensures compatibility with existing applications without any modifications.

RealPort USB software is unique among USB extender solutions. It is the only implementation that allows multiple connections to multiple USB ports over a single TCP/IP connection. This means that USB devices may be placed anywhere a network connection exists. Also, RealPort USB supports as many USB devices over the network as a server would if they were directly connected. Many USB extenders cannot use TCP/IP networks at all, making USB cabling clumsy and subject to reliability problems. Other USB extenders require a separate TCP/IP connection for each USB port, resulting in higher network overhead and more processing demands on the server.

RealPort USB also provides connection recovery – after a network interruption RealPort USB automatically reconnects the device to the server's USB port without the application knowing there was a failure. Finally, RealPort USB offers extensive operating system support including Microsoft Windows® 7, 8, 8.1, 10 and Windows Server® 2012, 2016, 2019; and Linux®.

RealPort USB comes standard with Digi's AnywhereUSB network-enabled USB hub.

FEATURES/BENEFITS:

USB CONNECTIONS OVER ANY IP NETWORK
– Extends USB cabling distance beyond five meters; USB peripherals may be anywhere

TRANSPARENT NETWORK CONNECTION
– USB ports appear to be locally attached and provide same Plug and Play user experience as onboard USB ports

CONNECTIONS TO MULTIPLE USB PORTS OVER ONE TCP/IP CONNECTION
– Reduces overhead compared to other USB extenders

MULTIPLE ANYWHEREUSB HUBS PER SERVER
– Support up to 127 USB device IDs per server

CONNECTION RECOVERY
– Provides fault tolerance for network failures

CONNECTIONS TO BACK ROOM SERVER
– Increases security

COMPREHENSIVE OS SUPPORT
– Compatible with Linux® and nearly any Windows® program

REALPORT USB SOLUTION

- Traffic from multiple USB devices share the same IP session
- Multiple AnywhereUSB hubs connect to the same server

SERVER

REALPORT® SOFTWARE

Ethernet

CHECK-OUT

ANYWHEREUSB®

USB

Alpha-Numeric Cash Register

Bar-Code Scanner

Credit Card Reader

Receipt Printer

DIGI