COMTROL’S DEVICEMASTER RTS IS BRIDGING THE GAP BETWEEN MEDICAL DEVICES AND EMR SYSTEMS

By the year 2014, the Obama administration has set aggressive goals for hospitals to implement electronic medical records (EMR), that meet the “meaningful use” objectives requirements.

This creates the need for a software bridge between the patient bed-side data to the network where the medical information will be stored in the patient's EMR. This storage of medical information in the EMR allows medical practitioners to observe trends in the monitoring data over periods of time.

One medical management company has integrated Comtrol's DeviceMaster RTS into their software program process creating a seamless data transfer. This software program gives hospitals a cost-effective way to collect, store and synchronize data from a large list of medical devices.

The serial information collected from medical devices such as infant warmers and incubators, pulse oximetry devices, cerebral/somatic oximeters, light and sound meters, oxygen analyzers, etc. is gathered by Comtrol's DeviceMaster RTS in each hospital room. The DeviceMaster transmits this information seamlessly over the Ethernet network, to the EMR software program where it is saved in the patients file.

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**DeviceMaster® RTS 8-Port DB9**

Part Number: 99448-0

**KEY FEATURES AND BENEFITS**

- No serial cable distance limitations enables communication between a host PC and serial devices located anywhere across an Ethernet network
- Software selectable RS-232/422/485 serial interfaces
- Supports native COM, TTY, or TCP/IP Socket communication modes
- Web-based configuration makes setup and management changes quick and easy
- Real-time e-mail event notification alerts administrator of potential connection and security issues
- Temperature rated for extreme conditions (-37° to 74°C)
- Rugged stainless steel housing enables DIN rail or panel-mounting
- PortVision® DX monitoring and management software automatically monitors devices on the network and enables user to view status, update firmware and resolve issues remotely
- NEMA TS2 certified
- RoHS2 compliant under CE
- IPV6 support

**PRODUCT DESCRIPTION**

The Comtrol DeviceMaster RTS 8-Port DB9 is an eight-port device server designed for network-enabling serial communications devices. When used with the included NS-Link™ driver software and a host PC, the DeviceMaster RTS enables placement of COM or TTY ports anywhere on an Ethernet network or across the Internet. In applications where connecting legacy serial devices to a PC without software changes is a requirement, a pair of DeviceMaster RTS units can be used to create a point-to-point serial tunnel across the network that seamlessly transfers serial data via TCP or UDP socket connections.

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