

DIGI TRANSPORT WR31 FOR MANUFACTURING AUTOMATION

Secure, reliable 4G LTE connectivity for manufacturing automation applications

In the challenging world of manufacturing automation, the Digi TransPort® WR31 provides a flexible, reliable 4G LTE solution for connecting to PLCs, HMI, sensors and other industrial control equipment on 3rd party sites. The result: faster installations, increased visibility and control, and fewer return visits.

The Challenging World of Manufacturing Automation

Let's face it: OEMs and service providers can develop innovative solutions faster than their customers' IT groups can give them access to on-site networks. Value-add services like preventative maintenance, consumable inventory management and remote tech support all require a flexible, reliable wireless network that can be quickly set up and managed.

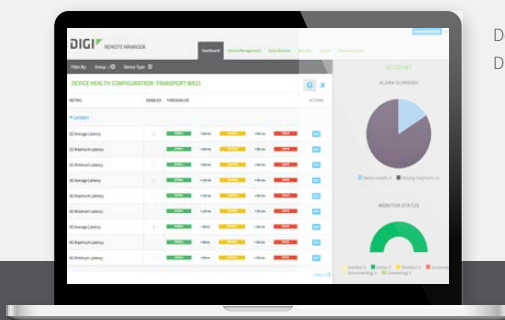
By bringing a drop-in 4G LTE network of their own, vendors can connect controllers, PLCs (programmable logic controllers), cameras and other industrial control equipment to value add software applications to create a unique competitive edge.

The Digi TransPort WR31 is an intelligent 4G LTE router designed for critical infrastructure and industrial applications. It provides a secure, reliable connection to industrial controllers, process automation equipment and smart grid assets on third party sites or remote locations.

Digi TransPort WR31:

4G LTE for Manufacturing Automation

- ✓ Software-selectable 3G/4G LTE supports all carriers in North America in a single device
- ✓ Global 3G/4G LTE options cover all other geographies
- ✓ License-free enterprise software and standard 5-year warranty lower the total cost of ownership
- ✓ Modbus and DNP bridging
- ✓ RealPort® serial port virtualization
- ✓ 2 RJ-45 Ethernet ports
- ✓ 1 DB-9 RS-232/422/485 serial port
- ✓ 2 Digital I/O, 1 Analog input for local sensing and alarming
- ✓ Rugged aluminum enclosure
- ✓ DIN rail form factor for easy cabinet and panel installations
- ✓ Centralized mass configuration and remote troubleshooting with Digi Remote ManagerSM



Deploy and manage the WR31 with Digi Remote Manager software.



Manufacturing Automation Success Requirements

Equipment Reliability and Longevity

Manufacturing Automation plant and equipment represent a large capital investment that is expected to have a long working life. Any 4G LTE devices used in value-add services must have an appropriately long working life and warranty period.

Flexible Networking Options

A drop-in 4G LTE networking solution must be flexible enough to take advantage of the best cellular carrier available and be able to accommodate the diverse mounting and antenna options available on site.

Competitive Edge

OEMs and service providers who keep their customers up and running also prevent the competition from getting a foothold. A compelling remote service offer powered by 4G LTE is a good account protection plan.

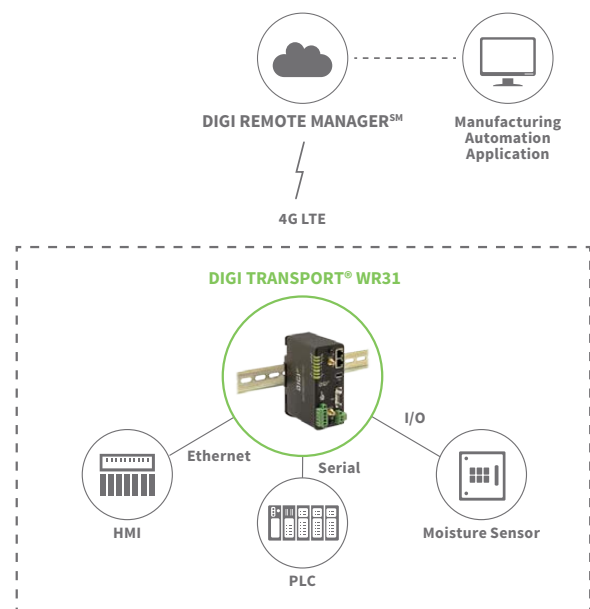
Remote Management

Once devices are installed and systems are operational, most manufacturing automation services involve reacting to events as soon as they occur, which requires devices to be online all the time. Remote configuration, monitoring and troubleshooting tools are essential.

Digi TransPort WR31: The 4G LTE Solution for Manufacturing Automation Applications

The Digi TransPort WR31 is a flexible, reliable 4G LTE router designed for the challenges of manufacturing automation. Software-selectable 4G LTE networking means OEMs and service providers can standardize on one cellular device and then select the best carrier for each customer site. A rugged, DIN rail oriented design with Ethernet, serial and I/O support cabinet and panel installations, and Digi's license-free enterprise software provides advanced security and routing functionality without a recurring annual charge. Digi Remote Manager gives networking teams a single tool for configuring and managing remote devices.

With the Digi TransPort WR31 cellular router and Digi Remote Manager, companies can quickly deploy a comprehensive solution for connecting to equipment on 3rd party sites. They can seamlessly connect to equipment on customer sites, gather and integrate data to optimize those assets, and remotely manage the 4G LTE network devices.



For more information about Digi TransPort WR31, visit www.digi.com/wr31

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877-912-3444 | 952-912-3444

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