INDUSTRY–WATER WASTEWATER

DIGI TRANSPORT WR31 FOR WATER/WASTEWATER TELEMETRY & SCADA

Flexible, reliable 4G LTE connectivity for remote RTUs, PLCs and HMI devices

In the harsh remote environments common in water/wastewater applications, the Digi TransPort® WR31 is the ideal 4G LTE solution for connecting to RTUs, PLCs, HMI devices and other telemetry and SCADA devices. The result: highly reliable monitoring and control of water/wastewater systems.

The Challenging World of Water Management

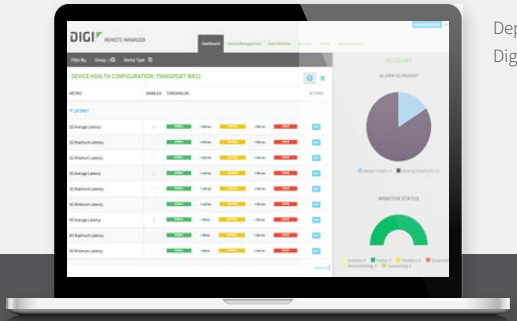
Communities around the world depend on the engineers, operators and projects managers who oversee the distribution of our valuable water resources. Whether they are managing complex drainage districts, distributed lift stations or a municipal water treatment facility, networking and SCADA engineers are tasked with creating and operating safe, efficient water management systems.

As legacy land-line and 2G cellular networks reach the end of their useful lives, agencies are increasingly recognizing the benefits of using 4G LTE wireless networks to connect to their diverse remote assets. This approach has numerous benefits but also requires agencies to learn new technology and network management tools. Choosing a secure, reliable device and a reputable vendor are paramount.

Digi TransPort WR31:

4G LTE Solution for Water/Wastewater

- ✓ 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
- ✓ -30°C to 70°C operating temperature
- ✓ 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 installations
- ✓ Centralized mass configuration and remote troubleshooting with Digi Remote Manager℠



Deploy and manage the WR31 with Digi Remote Manager software.

www.digi.com/wr31

Water Management Systems Requirements

Equipment Reliability and Longevity

Pumps, PLCs and RTUs are expected to last for years—how long is the warranty of your communication gear?

Flexible Networking Options

Agencies typically designate a primary and secondary cellular carrier for SCADA/telemetry equipment installed across a wide geographic area. The ideal 4G LTE device will support software-selectable carrier switching.

Security

The Critical Infrastructure Protection (CIP) Act in the US and similar legislation in other countries defines guidelines and requirements for water management systems. 4G LTE devices and management tools must support enterprise security features like logging, encryption, authentication and firewalls as well as connections to security equipment like IP cameras.

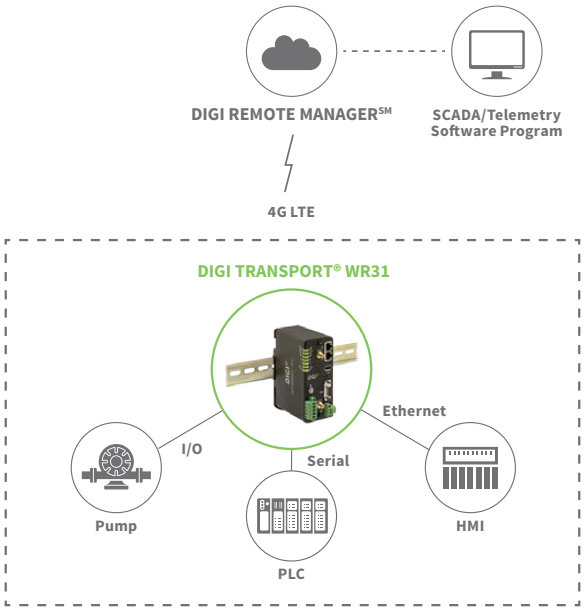
Remote Management

Once devices are installed and systems are operational, the challenge of operating a network of distributed telemetry equipment begins. Remote configuration, monitoring and troubleshooting tools are essential.

Digi TransPort WR31: The 4G LTE Solution for Intelligent Water Management

The Digi TransPort WR31 is a flexible, reliable 4G LTE router designed for the challenges of water/wastewater management. Software-selectable 4G LTE networking means operators can standardize on one cellular device and then select the best carrier for each remote site. A rugged, DIN rail oriented design with extended operating temperature and I/O supports cabinet and outstation installations, and Digi's license-free enterprise software provides advanced security and routing functionality without a recurring annual charge. Digi Remote Manager gives network engineers a single tool for configuring and managing remote devices.

With the Digi TransPort WR31 4G LTE router and Digi Remote Manager, telemetry/SCADA engineers can quickly deploy a comprehensive 4G LTE solution for connecting assets, gathering and integrating data, and remotely managing the network devices.



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

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