C&I METERING

Flexible and secure cellular routers connect remote C&I meters with a utility's meter data management system for accurate billing and planning

The utilities business is challenged from every angle to be increasingly productive and profitable. The very nature of managing remote equipment in many locations can be difficult and expensive, yet maximizing uptime while reducing costs is often a requirement.

Meter shops face a growing set of demands: more accurate and timely billing, increased support for dispute resolution, measurement of power quality and reactive power, and support for measuring the cost of power delivery.
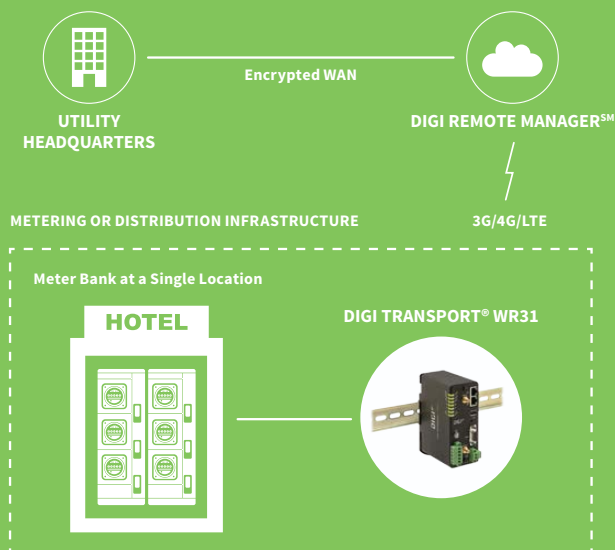
To meet these demands, metering professionals need a cellular router that:

– Supports multiple Ethernet and serial devices

– Can be preconfigured for easy installation by field techs

– Is certified on Sprint, Verizon, AT&T, Rogers and Telus

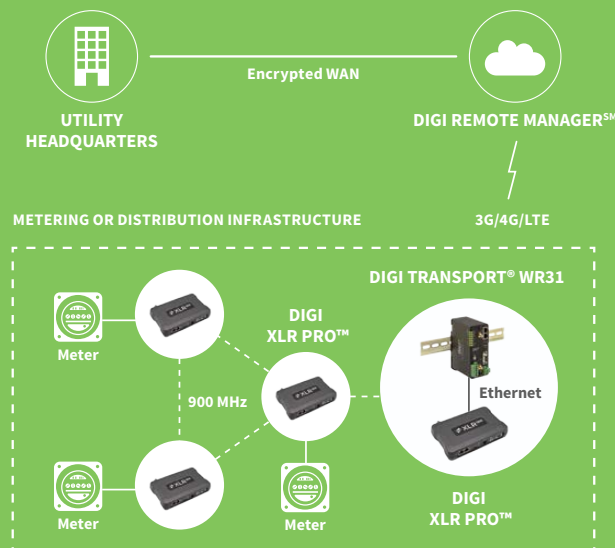– Offers the high security features required NERC/CIP

Digi TransPort® routers fit the bill. They are secure (dynamic routing, VPN and firewall support), carrier-agile (supporting Sprint, Verizon and AT&T on one platform) and flexible (with Ethernet, RS232/485, GPS, USB and analog/digital IO).

Learn more at www.digi.com/transport.

METER BANK

UTILITY HEADQUARTERS — Encrypted WAN — DIGI REMOTE MANAGER℠

METERING OR DISTRIBUTION INFRASTRUCTURE · 3G/4G/LTE

Meter Bank at a Single Location

HOTEL · DIGI TRANSPORT® WR31

HARD-TO-REACH COMMERICAL AND INDUSTRIAL METERS

UTILITY HEADQUARTERS — Encrypted WAN — DIGI REMOTE MANAGER℠

METERING OR DISTRIBUTION INFRASTRUCTURE · 3G/4G/LTE

DIGI TRANSPORT® WR31

Meter · DIGI XLR PRO™ · 900 MHz · Ethernet · DIGI XLR PRO™

RELATED PRODUCTS

Digi TransPort® WR31

Digi TransPort® WR21

Digi XLR PRO™

Accessories

Digi Remote Manager℠

DIGI UTILITY SOLUTIONS

CHALLENGE	DIGI SOLUTION
"Under the glass" cellular-enabled meters can't be moved to improve reception	Digi TransPort routers offer several mounting and antenna options.
Meter shops must support a mix of new and legacy equipment with diverse protocols and physical interfaces	Digi cellular routers have Ethernet and serial ports, proven compatibility with common MDM systems and support for DNP and Modbus.
No way to confirm proper communication between a meter and router	Digi TransPort can be pre-configured to double check communication and green light the installation.
Complicated installations require training and documentation	Pre-assembled weatherproof Utility Communication Hub simplifies installation.
Expensive and complicated to support a piecemeal solution with product from many vendors	Digi offers a single source for all warranty and support concerning the Utility Communication Hub.

CUSTOMER STORY

Electric Investor Owned Utility

Keeping a tab on customers' C&I meters is critical to a utility's success. The process is usually time consuming and labor intensive, providing limited visibility into revenue. To overcome these issues, a large utility deployed cellular gateways, but was frustrated by months of failures and lack of support from the gateway provider. The utility turned to Digi, who developed a customized solution including a high-speed cellular gateway, plug-in power for multiple voltages, backup battery, Ethernet switch and weather-proof enclosure.

Utilities and meter shops simply do not have the time or resources to develop custom solutions. By working with Digi, the utility now has a complete solution in one neat package. Installation is simple – all parameters are pre-configured so that the solution works out of the box.

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