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NETWORKING: New cellular router enables high-bandwidth remote industrial apps

By Toni McConnel

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Minnetonka, Minn. - The Digi Connect WAN 3G IA from Digi International is a third-generation (3G) Wireless WAN router for secure primary and backup connectivity to remote devices. Designed for harsh environments, the new router supports industrial protocols and features high-speed 3G connectivity to support high-bandwidth applications like remote video surveillance in harsh environments.

The industrial-certified WAN 3G IA is targeted for utility, pipeline, traffic, industrial automation and other industrial applications.

The Digi Connect WAN 3G IA provides support for both HSDPA (GSM) and EVDO (CDMA) connections and features Class 1 Division 2 industrial certification. It also includes Modbus TCP support for easy connectivity to programmable logic controllers (PLCs), Remote Terminal Units (RTUs) and other industrial devices.

The router includes both Ethernet and serial ports, a terminal block for 9-30 VDC power, a din rail kit for mounting in industrial environments, and an industrial temperature rating of -25° C to 75° C (-13° F to 167° F) for GSM models and -30° C to 75° C (-22° F to 167° F) for CDMA models.

The Digi Connect WAN 3G IA features built-in VPN with IPSec for creating secure connections over public networks. It also features Digi SureLink for persistent connections over wireless networks and Digi Connectware Manager for easy setup, configuration and maintenance of large installations.

The router also supports Python, an easy to use, object based, free, open-source programming language for developing customized controlling applications. The Digi Connect WAN 3G IA is available starting at less than \$800 MSRP.

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For more information, visit <http://www.digi.com/products/cellulargateways/digiconnectwanfamily.jsp>.

For helpful information on IP enabling industrial devices, visit Digi's resident industrial expert Lynn Linse's blog at <http://blog.iatips.com/>.


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