

Digi: wireless gateway for smart metering applications

Digi International introduces the ConnectPort X Wireless M-Bus gateway family for Smart Metering applications in Europe. Featuring versions with cellular, Ethernet and Wireless M-Bus connectivity, ConnectPort X with Wireless M-Bus gateways can easily and cost effectively connect electricity, gas and water meters to an energy service provider via broadband. The products seamlessly integrate with the iDigi Energy wireless M2M solutions bundle which features the hosted software and services necessary to quickly and easily integrate Smart Grid devices into enterprise business applications. With the addition of Wireless M-Bus, Digi now offers gateways that support all major European wireless standards used for Smart Metering applications.

The ConnectPort X with Wireless M-Bus family enables energy service providers to communicate with electricity, gas and water meters that are completely managed by the Digi gateway over a high speed cellular or Ethernet connection. This allows energy service providers to enable innovative Smart Grid services. Once a Wireless M-Bus Smart Meter is installed, the gateway can join that network providing programmable energy services in the home and communication paths over public networks for enhanced energy service offerings.

The product family includes the Ethernet-to-Wireless M-Bus ConnectPort X2, and cellular-to-Wireless M-Bus ConnectPort X4 and ConnectPort X8. ConnectPort X gateways with Wireless M-Bus feature easy-to-use local customisable open scripting standards via Python. This allows customers to leverage the in-home processing capability of the gateway to optimise their energy service offerings. The gateways also include extensive protocol support including UDP/TCP, DHCP and SNMPv1.