



THE ENGINEER'S GUIDE TO NEW PRODUCTS AND DESIGN IDEAS

Cellular gateway can be customised for remote asset monitoring and tracking

08 October 2010

The ConnectPort X3 from Digi International is a low cost, programmable cellular gateway for monitoring and tracking remote assets. Featuring flexible device interfaces, including ZigBee, RS232 serial, analogue and digital IO and Global Positioning System (GPS), the compact unit provides global connectivity to remote devices and device sensor networks via GSM GPRS cellular networks. The ConnectPort X3 is integrated with the iDigi Platform, a cloud computing service that simplifies the remote management of devices and integration of device information into a company's back-end systems and machine-to-machine (M2M) applications.

The optional embedded XBee ZigBee module enables connection to a network of ZigBee-enabled wireless devices or sensors for local data aggregation over a cellular network. For example, in a tank farm application ZigBee sensors communicate tank level data to the ConnectPort X3 which then aggregates the data and sends it back to the tank monitoring systems over cellular networks.

The ConnectPort X3 features a fully integrated suite of development tools for end-to-end remote device customisation, management and IT back office integration.

