

## **eDevice's RouteD230 connects Ethernet to GPRS network**

eDevice of France, a world leading supplier of machine-to-machine (M2M) solutions, has launched RouteD230 – a LAN2GPRS gateway device that connects equipment with an Ethernet interface to wireless GPRS networks.

The onset of Internet/Intranet has encouraged many electronics equipment manufacturer to include an Ethernet and web server with their equipment so that it can be upgraded, monitored or reconfigured remotely through the TCP/IP network. However, not all equipment is installed in places with access to TCP/IP network. The RouteD230 solve this problem by providing a wireless TCP/IP connection to the GPRS mobile IP network

GPRS not only provides access to the Internet without subscribing to an Internet Service Provider (ISP).but also allows users to benefit from cellular coverage area, mobility and adapted GPRS rates. GPRS also allows for racks of modems, normally associated with dial-up networks, to be replaced by a more compact high bandwidth internet links .

The embedded Network Address and Port Translation (NAPT) enables more than one device to share the wireless Internet access. As such, it can be used as the main Internet link when wired Internet is not possible or as a backup for improving network availability.

The RouteD230 can be configured for maintaining a permanent GPRS connection to allow servers and listening applications, hosted on the LAN, to be reached through the GPRS link. Reducing the traffic and the associated cost is achieved with an event-triggered strategy for GPRS attachment.

This new device is based on the award-winning eDevice TCP/IP stack and integrates a quad-band GSM/GPRS module.