

eDevice's BridgeD 130 plugs dial-up modems into GPRS network

eDevice of France, a world leading supplier of machine-to-machine (M2M) solutions, has launched BridgeD130 – a PSTN2GPRS converter that connects wired modems to wireless networks.

This unique product allows users to switch from PSTN to GPRS without any changes to the infrastructure. This innovative product from eDevice means that devices that were previously plugged into the wired phone network can now benefit from the flexibility, mobility and rates of the GSM/GPRS networks. It is therefore ideally suited for users who wish to migrate from PSTN to GSM to save costs or to upgrade the system to GPRS for IP connectivity to extend the lifetime of expensive equipment.

The BridgeD130 solution has been designed to eliminate line rental costs, normally associated with PSTN network, without requiring any changes to the existing equipment or the Central Server. The BridgeD130 emulates the analogue phone network with an Foreign eXchange Station (FXS) interface. This means the cable that is usually connected to the telephone wall socket just needs to be plugged into the BridgeD130 phone interface instead to convert the PSTN to GSM/GPRS. The BridgeD130 not only generates rings, dial tones and power, but also extracts the data from the modem flow to transfer it over the GSM/GPRS link. However, an eDevice software component will be required on the remote Central Server to add TCP/IP support for GPRS communication if the Central Server only has serial communications.

This M2M terminal is based on the award-winning eDevice TCP/IP stack, including a web server and remote firmware upgrade support. The BridgeD130 integrates a quad-band GSM/GPRS module and can be battery powered.