

MoRoS GPRS:**Industrial router provides mobile radio connection**

Regensburg, 10. October 2007

Regensburg – As of August 2007, INSYS MICROELECTRONICS has extended its range of communication devices, adding the new MoRoS GPRS models which use the mobile radio network GPRS (General Packet Radio Service) for data transfer.



Figure: Cost-efficient remote maintenance solutions with MoRoS GPRS

The unit combines modem, router and 4 port switch functions in a compact DIN rail housing measuring 70 x 110 x 75 mm. The multi-purpose device enables users to implement customized, cost-efficient remote maintenance and remote control solutions for several Ethernet-compatible components. GPRS data transfer provides a number of advantages in connecting local networks or remote applications, e.g. in building services engineering or measuring stations. The packet-oriented GPRS data transmission service allows for a virtual permanent connection between sender and receiver. Users only pay for the sent data volume, not for the duration of the connection, and benefit from high transmission rates up to 85 kbps (for upload and download), permanent accessibility, low fixed costs and easy cost calculation via the data volume.

MoRoS GPRS can accept incoming connections and establish outgoing connections (dial-in and dial-out functionality). If required, the router establishes TCP/IP connections via NAT. Incoming connection requests are directed to the right local device through port forwarding. MoRoS GPRS supports all four mobile radio frequencies (quadband) and thereby qualifies for worldwide use. Up to four network nodes can be connected to the integrated switch for remote contact. The nodes can also exchange data among each other. Thanks to an integrated serial interface, legacy devices can be connected to MoRoS GPRS units. Data communication for the MoRoS GPRS requires a PC or the MoRoS LAN PRO, which will be available shortly. Moreover, INSYS also provides MoRoS GPRS PRO which has been extended by VPN (Virtual Private Network) support, an integrated firewall and a second modem interface.