

Maximum security for data transfer:

MoRoS 2.1 with IPsec and redundant connections

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Regensburg – MoRoS 2.1 industrial routers from INSYS MICROELECTRONICS provide increased security for data transfer: the units now also support the IPsec security protocol and can use up to three redundant transfer channels to maintain connections in the event of network failures. INSYS MoRos industrial routers feature both IPsec and OpenVPN, the most secure VPN standards available. VPN (Virtual Private Network) enables data connections that are easily established and, at the same time secure, even in unsecured environments such as the internet.



Figure: MoRoS industrial routers from INSYS now provide added security features

MoRoS with IPsec allows users to connect remote control networks or individual computers to a company network via the internet. IPsec has three key security features: the protocol ensures the integrity of the transferred data, protects data through encryption, and reliably authenticates all nodes. For increased connection safety, INSYS has equipped the current MoRoS models with an additional external LAN interface that enables the establishment of redundant connections. A MoRoS device connected to an ADSL modem or an intranet can now be configured to

establish a redundant mobile radio connection in case of an interrupted connection. If this connection is also lost, MoRoS can continue to communicate via an external serial modem. In order to prevent long-term communication via a slower connection in the event of a temporary interruption, the router periodically checks whether or not the interrupted communication channel can be used again. The industrial router's security package also includes a stateful firewall that provides protection against unauthorized access

Kontakt:

INSYS MICROELECTRONICS GmbH

Barbara Gallert
Waffnergasse 8
93047 Regensburg

Tel.: 09 41 / 56 00 61
Fax: 09 41 / 58 692 - 45

E-Mail: insys@insys-tec.de
Internet: www.insys-tec.de