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PRESS INFORMATION

EASY TO SET UP, SECURELY CONNECTED

Wieland Electric enables secure remote access to complex machines with new security VPN industrial routers

Wieland Electric is expanding its portfolio of industrial network solutions with new secure VPN industrial routers. Paired with the VPN service portal, WIE-SERVICE24, these routers enable secure remote access to machines from anywhere in the world and can be easily configured without the need for programming knowledge. The Bamberg-based technology company is responding to the growing demands for security, compliance and efficiency in increasingly networked production environments.

The powerful VPN industrial routers wienet LR241, wienet ER300 and wienet LR340 enable secure remote access to networked devices, which not only shortens maintenance times, but also reduces travel costs and improves overall equipment effectiveness. Both the status of the machines and critical data are available around the clock via the VPN service portal WIE-SERVICE24. Alerts via email, SMS or SNMP inform users immediately of critical events. In addition, fallback options ensure maximum network availability, even in environments prone to interruptions. Automatic updates via HTTP or FTP servers ensure that the devices are always up to date in terms of security and functions.

The wienet LR241 is a versatile mobile router with WLAN that enables the secure transmission of machine data via an encrypted VPN tunnel and the seamless integration of machines or networks into the respective infrastructure. The new wienet ER300 LAN router, which can be used worldwide for connecting IP or serial devices to LAN networks via a WAN interface, is



ideal for the predictive maintenance of complex machines. The wienet ER340, on the other hand, is a versatile all-round cellular router developed for the EMEA region and offers high computing power for IoT functions.

Thanks to Node-RED support, the ER300 and ER340 are not only able to pre-process and transfer data quickly, but also enable the creation of a web-based HMI. The created dashboard can be displayed via any end device that is located in the same network. In combination with a VPN connection, the virtual HMI can also be accessed remotely. This ensures a seamless and secure flow of information, which contributes to reliable and efficient operation.

All three new wienet routers from Wieland Electric are equipped with two independent RJ45 ports, each offering speeds of 10/100 Mbps, and include essential features such as Network Address Translation (NAT), routing and firewall functions. With support for IPsec, OpenVPN, L2TP and PPTP protocols, a VPN (Virtual Private Network) tunnel can be set up quickly, ensuring that communication remains secure and invulnerable. The devices also create a solid basis for secure communication with IPsec, OpenVPN, L2TP and PPTP. Functions such as Command Line Input (CLI) and Secure Shell (SSH) also offer enhanced control and increased security. Remote access is made possible with any internet-enabled PC or smartphone. If the VPN connection is interrupted, the WIE-SERVICE24 VPN server portal restores it.



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IMAGE MATERIAL



With the new security VPN industrial routers wienet LR241, wienet ER300 and wienet LR340, Wieland Electric is meeting the ever-increasing demands of modern machines and systems in terms of the performance of the communication networks used. (Image: Wieland Electric)

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ABOUT **WIELAND ELECTRIC**

Wieland Electric, founded in Bamberg in 1910, is the inventor of safe electrical connection technology. Today, the family-owned company is one of the leading suppliers of safety and automation technology and has been the world market leader in the field of pluggable electrical installations for building technology for over 40 years. Wieland Electric assists customers with on-site support all over the world as a capable service partner and solution provider. This is made possible by around 1,700 employees and subsidiaries as well as sales organizations in over 70 countries. In addition to Wieland Electric GmbH, STOCKO Contact GmbH & Co. KG has belonged to Wieland Holding since 1998. The core industries of the company are mechanical engineering, wind power, and building and lighting technology. The broad portfolio includes components, products and systems for electrical installation, connection technology, power distribution, safety technology, control cabinets and industrial prefabricated construction. In addition, Wieland Electric offers an extensive service and training program. With cross-industry experience, a wide range of products and numerous service offerings, the company has consistently developed from a component supplier to a system provider in recent years.

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