Hannover Messe: LANCOM Systems presents SD-WAN-capable M2M VPN gateway for industrial plants

04/03/2019

Remote control and predictive maintenance via LTE/4G

Press Release 2019-577

Download PDF

Remote control and predictive maintenance via LTE/4G

Hannover Messe: LANCOM Systems presents SD-WAN-capable M2M VPN gateway for industrial plants

Aachen and Hanover, April 03, 2019–German network infrastructure supplier LANCOM Systems presents its first dedicated machine-2-machine VPN gateway for the remote control and monitoring of industrial plants at this year's Hannover Messe (April 1 – 5, Booth D18, Hall 5). Using a secure VPN connection, the router enables predictive maintenance for example for wind turbines, transformer stations, and track and signaling systems. Access is via cellular networks and/or fiber optics.

The digitalization of industrial plants and systems continues inexorably. Combining this with highly secured remote access is the basis for high-efficiency control processes and predictive maintenance.

Robust M2M gateway with 4G and fiber optics

High-security remote access of this type comes with LANCOM’s first dedicated M2M VPN gateway. The device features a highly robust metal housing and was designed for extreme environments with operating temperatures from -20 to +50°C. The router is equipped with a top-hat rail mounting system for operation in electrical cabinets. Power is supplied as 24–48 V DC. The standard equipment includes four IN signaling contacts, a serial RJ-45 port, two Ethernet ports, two fiber-optic interfaces (SFP) and 4G cellular networking. Thanks to its two SIM slots, the router ensures high-availability remote maintenance via cellular networks.

Industry, energy and transport sectors in focus

The VPN M2M gateway was developed for use in the industrial, energy and transport sectors. Typical scenarios include the remote control and maintenance of wind turbines and substations, machinery, and track and signaling systems. Encryption of remote access over IPsec VPN ensures the highest levels of security in controlling critical systems over the Internet.

Efficiency and operational reliability through software-defined WAN

Like all current LANCOM routers, the new M2M gateway can be commissioned in a highly automated manner by means of software-defined wide area networking (SD-WAN). This allows the physical on-site installation to be performed without specialist networking expertise. The continuous monitoring and updating of the gateways are handled by the LANCOM Management Cloud (LMC). This is hosted in highly secure, geo-redundant data centers in Germany.

Note: The management board and spokespersons from LANCOM Systems will be happy to receive you for individual press interviews on the LANCOM booth (Hall 5, D18). For an appointment, please contact the agency vibrio (e-mail: lancom@vibrio.de or by phone under: +49 (0)89 32151 - 869) at any time.

LANCOM Systems background:

LANCOM Systems GmbH is a leading European manufacturer of network and security solutions for business and the public sector. The portfolio includes hardware (WAN, LAN, WLAN, firewalls), virtual network components, and cloud-based software-defined networking (SDN).

Software and hardware development as well as manufacturing take place mainly in Germany, as does the hosting of the network management. There is a strong focus on trustworthiness and security. The company is committed to products that are free from backdoors and is a holder of the trust mark “IT Security Made in Germany” as initiated by the German Ministry of Economics.

LANCOM Systems was founded in 2002 and has its headquarters in Würselen near Aachen, Germany. Customers include SMEs, government agencies, institutions, and major corporations from all over the world.

Since summer 2018, the company has been an independent subsidiary of the Munich-based technology group Rohde & Schwarz.

Your contact for media enquiries:

Caroline Rixen

LANCOM Systems GmbH

Phone: +49 (0)2405 499 36 398

Mobile: +49 (0)174 3469 170

E-Mail: press@lancom.eu

www.lancom.com