Effective process network protection: With its latest in next-generation firewalls, gateprotect now provides SCADA networks and control centers with even better protection

Hamburg, July 16, 2015 – gateprotect GmbH, a subsidiary of the Rohde & Schwarz Group and leading provider of highly sophisticated network firewalls, has equipped its next-generation firewalls with the very latest processor technology. The German security solutions for the effective protection of complex SCADA networks and critical infrastructures are now even more powerful. Network Protector is specifically designed for use in process networks in the energy sector and fully supports the IEC 104 protocol, among other things.

gateprotect is the first and currently only firewall manufacturer to respond to the specific requirements of the energy sector. The innovative company is an expert in the protection of SCADA protocols for the energy industry, which, pursuant to the IT Security Act recently passed by the German government, require special protection. The powerful next-generation firewall Network Protector, which is now even more powerful due to its new hardware, decodes and validates data packets similarly to the operating principle of an airport baggage scanner, and thereby offers reliable network protection specifically for critical infrastructures.

With eight processor cores instead of just two, the new Network Protector S series – the security solution for small companies and branch offices – achieves a firewall throughput of 1,700 Mbit/s and therefore significantly boosts performance.

With speeds of up to 5,500 Mbit/s, the new M series products for medium-sized companies achieve almost three times the firewall throughput they did before. Meanwhile, the UTM throughput doubles to 2,000 Mbit/s when all the UTM features, such as malware, Web filter, and IPS, are activated. This ensures that medium-sized energy companies and control centers are also effectively protected with maximum performance.
Press release

Thanks to the flexible expansion options using network interface modules, additional protection mechanisms can also be switched on quickly should the security requirements increase. Network Protector can therefore also be maintained and upgraded during operation – a first for the product.

A factory reset feature, the import of backups and application of new configurations, the product can be quickly and intuitively upgraded, without having to replace the hardware. The new redundant power supply units also allow for uninterrupted operation and guarantee continuous network protection.

With Network Protector L800, the portfolio contains a particularly powerful model for enterprise environments. With a firewall throughput of 8,000 Mbit/s, this next-generation firewall offers effective network protection for the demanding security requirements of complex networks, such as large energy infrastructures.

The new Network Protector product family for use in the energy sector

- Network Protector fully supports the IEC 104 protocol
- The next-generation firewall provides SCADA protection for use in energy infrastructures
- Network Protector decodes and validates all data packets with one of the world’s fastest single-pass engines, similarly to the operating principle of an airport baggage scanner
- The Network Protector S series, with Network Protector S50 and S101, has eight processor cores and achieves a firewall throughput of up to 1,700 Mbit/s and a UTM throughput of up to 600 Mbit/s
- The new, powerful Network Protector M series with Network Protector M401, M402, and M403 is even more powerful with a firewall throughput of 5,500 Mbit/s and a UTM throughput of 2,000 Mbit/s
- Even faster processing is guaranteed, since the products are equipped with the latest generation of processors
- The fact that the range has been expanded in a modular fashion to include additional network interface modules means that the IT security solution can be quickly and flexibly adapted to increasing security requirements
- Redundant power supply units guarantee no downtimes
- Network Protector L800 for enterprise environments with a firewall throughput of 8,000 Mbit/s provides effective network protection for large companies
About gateprotect

gateprotect, a Rohde & Schwarz company, is a global provider of network security solutions. It offers next-generation firewalls with all common unified threat management features for small and medium-sized companies, managed security systems for large enterprises and VPN client systems for interconnecting subsidiaries and home offices. Since 2013, the gateprotect portfolio has also included Complete Security, effective protection for networks and endpoints from a single source.

gateprotect solutions comply with highest international standards. In 2013, the firewall packet filtering core was certified in accordance with Common Criteria Evaluation Assurance Level 4+ (EAL 4+) by the German Federal Office for Information Security. gateprotect was the first German company to receive the prestigious Frost & Sullivan Excellence Award, bestowed for the easy operability and comprehensive security of the company’s UTM firewall solutions. Since 2010, gateprotect has been listed in the Gartner Magic Quadrant for Unified Threat Management.

The Rohde & Schwarz electronics group offers innovative solutions in the following business fields: test and measurement, broadcast and media, secure communications, cybersecurity, radiomonitoring and radiolocation.

Additional information:

gateprotect GmbH
Anika Ohlsen – Head of Marketing
Valentinuskamp 24
D-20354 Hamburg
Tel.: +49 (0)40 278850
Fax: +49 (0)40 27885105
E-mail: anika.ohlsen@gateprotect.com
Website: www.gateprotect.com