Free update for LANCOM R&S®Unified firewalls

07/13/2020

Focus: SMEs, schools & chain stores and offices

Press release 2020-622

[Download PDF](#)

Aachen, 13 July 2020 - The German network infrastructure supplier LANCOM Systems is providing a free update for its next-generation UTM firewalls. LCOS FX 10.5 extends the range of function for LANCOM R&S®Unified Firewalls to include e-mail protection when using externally hosted IMAP servers, the suspension of web filter rules for a certain amount of time and application-based routing. SMEs, schools and companies with a large number of small branch offices are the main beneficiaries of these new features.

E-mail security for SMEs just like MNCs

An IMAP server's complete message volume is scanned for Trojans, viruses and other threats using the new IMAP proxy. Spam mails are detected and sorted out, with zero-day protection being provided by using sandboxing and machine learning by firewalls. Companies that do not operate their own e-mail server, and instead use an external service provider and IMAP to handle their e-mail traffic will profit from the new function. This is particularly often the case with small and medium-sized enterprises (SMEs). The IMAP proxy offers them access to e-mail security just like multinational companies (MNCs).

Flexible protection of young people in schools

1

The new content filter override is particularly interesting for elementary and secondary schools that use web filters to protect pupils from content that is harmful to minors or unlawful. It offers teachers the possibility to temporarily override filter rules in order to digitally supplement classroom instruction by accessing websites or applications that would otherwise be blocked. This is how LANCOM is further expanding the performance of its firewalls to serve as a flexible security component for all school networks.

Application-based routing for chain stores and offices

Another new element is application-based routing via the PACE2 DPI Engine. This allows automatic routing of certain applications via dedicated lines. Critical VPN connections can thus be routed between branch offices and headquarters in a targeted manner through faster connections, while the data load is reduced e.g. by running streaming services through slower lines, or routing trusted cloud applications directly to the Internet at the branch office location.

Other new features in LCOS FX 10.5 include: The simple, easy creation of new rules from alarm or system log entries and the secure and reliable connection of multiple networks at different locations using VPN-SSL-bridging, which also allows non-IP based protocols to communicate between these networks.

LCOS FX 10.5 is available free of charge through the integrated update function of LANCOM R&S®Unified Firewalls or on the LANCOM portal "LANcommunity". A detailed overview of all new features is available on the LANCOM website at:

www.lancom-systems.com/products/firmware/lcos-fx-release/

About LANCOM Systems:

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.

Media contact:

Caroline Rixen

LANCOM Systems GmbH

+49 2405 49936-398

caroline.rixen@lancom.de

www.lancom-systems.com