

Press Release 2018-563

Convergence of SDN and security

LANCOM Management Cloud receives major update

Aachen, December 11, 2018 - The German infrastructure manufacturer LANCOM is enhancing its LANCOM Management Cloud (LMC) with a range of powerful new features. The update to the software-defined networking solution (SDN) now implements the Security & Compliance Dashboard shown for the first time at this year's it-sa. It gives companies a central overview of all security and compliance-related device information in their WAN, LAN and WLAN. Also premiering are the Alerting & Notifications feature, an Auto-Updater, and the optional bulk import of devices and locations. These new features are automatically available to LMC users without additional license fees.

The more complex a network is, the more complex is the implementation, monitoring and long-term assurance of company-wide security policies. This is now handled by the new Security and Compliance Dashboard in the LANCOM Management Cloud (LMC). The dashboard verifies the configurations of all SDN-managed routers, switches, and WLAN access points, and modifies them if necessary. It monitors the licensing, firmware, and warranty status of every device. This prevents network security from being jeopardized by missed updates or obsolete hardware. Furthermore, the dashboard documents every access attempt from the outside and displays outgoing connections from the gateway. This makes it easier to detect any fraudulent or malicious activities in the network.

Centrally controlled Auto-Updater

Automatic updates to the operating system (LCOS) for devices managed via the

cloud can be centrally triggered for all devices or for each device individually. The Updater supports different update policies. This means automatic imports are performed only for security updates, maintenance updates, or the latest version of the LCOS. The check and update interval can also be set flexibly.

Customized alerts

Granular configuration is available with the new Alerting & Notifications feature, both in terms of the recipient group and the method (e-mail, SMS in preparation). The feature is customizable for a variety of different alerts and notifications, including automatic de-alerting after problems have been fixed. Intelligent algorithms detect which issues are related and prevent “alerting spam”. For example, this stops all of the access points and switches at a larger location from triggering a chain of alerts just because the local router was briefly disconnected from the Internet.

Bulk import: Major time savings

In large-scale scenarios, the tasks of creating locations, assigning networks, or adding new devices can be time-consuming and error-prone. Preparing a large-scale scenario in a spreadsheet tool can be a big help. This information is then easily imported from a CSV file into the LMC.

Detailed information about the LANCOM Management Cloud and other new features is available here:

<https://www.lancom-systems.com/campaign/lmc-feature-package/>

LANCOM Systems background:

LANCOM Systems GmbH is the leading German manufacturer of networking solutions for business customers and the public sector. LANCOM offers professional users secure, reliable and future-proof infrastructure solutions for local-area and multi-site networks (WAN, LAN, WLAN), as well as centralized network management based on software-defined networking technologies (SD-WAN, SD-LAN, SD-WLAN). The LANCOM routers, gateways and WLAN solutions are developed and manufactured in Germany, and a selection of the VPN portfolio is certified by the German Federal Office for Information Security (BSI) for the protection of particularly sensitive networks and critical infrastructures (EPCIP). LANCOM Systems has its headquarters in Würselen near Aachen, Germany. Customers include small and medium-sized enterprises, government agencies, institutions, and major corporations from Germany, Europe and, increasingly, worldwide.

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