PRESS RELEASE   2015-459

Free operating system update for all current access points

LANCOM Systems optimizes throughput and quality of WLAN networks

Aachen, December 23, 2015—LANCOM Systems, the leading German manufacturer of networking solutions for the commercial and public sectors, present the latest free update to their operating system LCOS. With the LCOS version 9.18, LANCOM customers benefit from better coverage, stability and throughput in their wireless networks.

A major contribution to this are the enhancements to the LANCOM WLAN optimization concept *ARC*, now available with LCOS 9.18.

Active Radio Control (ARC) combines a variety of intelligent WLAN optimization technologies. In addition to previously available tools such as *band steering*, *adaptive noise immunity* and *client steering* (http://www.lancom-systems.com/en/solutions/technology/arc-active-radio-control/overview/), LCOS 9.18 now enhances *ARC* with *"Adaptive RF Optimization"*. This feature enables access points experiencing serious radio-field interference to dynamically select a better WLAN channel. This achieves a significantly higher WLAN throughput under difficult conditions.

Also new is *"Airtime Fairness"*, which makes more effective use of WLAN bandwidth. The available bandwidth is fairly divided between the active clients, so that slow clients no longer slow down the faster ones.

In addition, LCOS 9.18 offers a host of new features such as Wireless IDS and Adaptive Transmission Power, which provide better security in the WLAN, longer ranges and an even more stable WLAN coverage.

LCOS 9.18, further information on all new features and updates, along with detailed data sheets are available for free download from the LANCOM website:

https://www.lancom-systems.com/products/firmware/version-overview/

LANCOM Systems background:

LANCOM Systems GmbH is the leading German manufacturer of reliable, innovative network solutions for business customers. LANCOM's two business units, VPN Network Connectivity and Wireless LAN, offer professional users secure, flexible infrastructure solutions for local-area and multi-site networks. The entire core product range is developed and manufactured in Germany. In addition, LANCOM also provides VPN solutions certified by the German Federal Office for Information Security (BSI) for the protection of particularly sensitive networks and critical infrastructures (EPCIP) against cyber attacks. LANCOM Systems has its headquarters in Würselen near Aachen, Germany, and other offices are located throughout Europe. Customers include small and medium-sized enterprises, government agencies, institutions, and major corporations from Germany, Europe and increasingly worldwide. The enterprise is a partner in the *Alliance for Cyber Security* initiated by the BSI.

Your editorial staff contact:
Eckhart Traber
LANCOM Systems GmbH
Phone: +49 (0)89 665 61 78 - 67
Fax: +49 (0)89 665 61 78 - 97
presse@lancom.de
www.lancom.eu

Sabine Haimerl
vibrio Kommunikationsmanagement Dr. Kausch GmbH
Phone: +49 (0)89 32151 - 869
Fax: +49 (0)89 32151 - 70
lancom@vibrio.de
www.vibrio.eu