

LANCOM launches high-performance WLAN controller WLC-4100 - New LANCOM WLAN controller manages multi-service WLANs with up to 1,000 access points

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Aachen, January 20, 2010—Automated configuration and central management of up to 1,000 WLAN access points in a single device—with the new WLAN controller LANCOM WLC-4100, LANCOM Systems adds a further high-performance device to its portfolio of enterprise-class products. The standard WLC-4100 supports up to 100 access points; optional licenses extend this to even higher numbers. This scalability makes the WLC-4100 an economical and flexible solution for medium-sized to very large wireless LANs.

Automatic configuration, channel selection and monitoring of security

All of the settings are entered just once into a central profile in the WLAN controller; what follows is straightforward Plug & Play. New access points are detected automatically and, once securely identified by digital signature, they are integrated into the network. The configuration settings required for optimized wireless network operations, such as the channel settings and security policies, are automatically transferred to all of the access points. The WLAN controller also constantly monitors the system's function, including background scanning.

802.11n performance, failsafe system resilience, and cross-site wireless LAN management

included

Like previous LANCOM WLAN controllers, the LANCOM WLC-4100 is based on smart-controller architecture that enables the separation of management and payload data.

Depending on the application or even the user, LANCOM WLAN controllers can forward the data in different ways; this may be direct bridging to the LAN, separation from the LAN into a dedicated VLAN for WLAN guest accounts, or tunneling to the controller for Voice-over-WLAN overlay networks. This is an invaluable feature for multi-service environments.

There is another advantage from the break-out of payload data: Even at high data rates, e.g. in 802.11n networks, the WLC-4100 provides maximum performance, minimum latency times, and it enables highly effective load balancing.

Even cross-site wireless networks based on LANCOM access points and WLAN routers located at remote sites can be centrally managed and monitored - a simple IP connection is the only requirement.

A further element of the LANCOM Smart Controller design is its unique high-availability concept. Unlike most WLAN switches and controllers, the WLC-4100 enables its managed access points to continue operating in standalone mode, even if the connection fails. This means that the wireless LAN remains available to its clients. Another option is to collect multiple controllers into a cluster, which provides automatic load balancing.

"The WLC-4100 is the high-performance machine in our range of smart controllers," explains Frank Janssen, WLAN Product Manager at LANCOM Systems. "It's just plain impressive to see how 1,000 access points with 3,000 associated clients are managed, and how a change in configuration activates on all of the access points within seconds."

Available now, the standard LANCOM WLAN controller WLC-4100 for managing up to 100 access points is available for EUR 9,999 excluding VAT. Additive upgrade options enable the number of managed access points to be increased by 10, 25, 100 or 500, up to a maximum



of 1,000 access points per controller. Prices range from EUR 999 excl. VAT (+10 Option) to EUR 19,999 excl. VAT (LANCOM WLC AP Upgrade +500 Option).

Detailed data sheets and further information are available for download from the LANCOM website: www.lancom.eu

LANCOM Systems background

LANCOM Systems GmbH is the leading German manufacturer of reliable, innovative network components for large enterprises and SMEs, public authorities and institutions. The company supplies products and software for IP-based VPN, VoIP and wireless networks, along with support and services. Products are planned and developed specifically for the requirements of business customers. The focus is on comprehensive solutions for site connectivity by virtual private networks (VPN) and on wireless networking (WLAN). LANCOM Systems GmbH is headquartered in Würselen near Aachen and has sales offices in Munich, Barcelona and Amsterdam. The company's founder and Managing Director is Ralf Koenzen.

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