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Aachen, May 08, 2013 - LANCOM Systems, the specialist in VPN network connectivity, extends its portfolio of LTE/4G cellular routers with the LANCOM 1781A-4G.

The new ADSL2+/4G router has an internal LTE/UMTS/HSPA+ modem (up to 100 Mbps downstream and 50 Mbps upstream) and an integrated multimode ADSL2+ modem for ADSL connections of the type Annex A, B, J or M. It can be operated with any ADSL connection, including the future all-IP connections. With its combination of LTE/UMTS/HSPA+, ADSL2+ and VPN, the LANCOM 1781A-4G is ideal for companies and branch offices, whose operations depend on a secure connection to the Internet, remote sites and the company headquarters. Its versatility, which offers the choice of primary Internet access via ADSL2+ or LTE/4G, makes it applicable in any situation. Equally, high-performance backup connections via ADSL or LTE/4G can be set up for business-critical applications, such as for secure electronic payment in retail.

A new green Gigabit Ethernet 4-port switch provides power-saving functions as per 802.3az for energy-efficient networks, and allows for a fanless design of the device. Four user-

configurable ports can be used for LAN, WAN (up to 4x load balancing with further ADSL, SDSL, VDSL or cable modems), DMZ, VLAN, or monitoring. A high-speed USB 2.0 port powers USB media; it can be used to connect a network printer or storage media for configuration updates.

Flexibility through virtualization

The ARF (Advanced Routing and Forwarding) function of the LANCOM 1781A-4G provides up to sixteen virtual networks, each with its own settings for DHCP, DNS, routing and firewall. ARF allows logically separate networks to be operated for different groups and applications on a single physical infrastructure. Thanks to the dual-stack implementation, the router operates in pure IPv4, pure IPv6, or in dual-stack mixed networks.

Security and backup included

The free management systems LANconfig and LANmonitor offer not only cost-effective remote maintenance of entire installations and useful setup wizards - such as the 1-Click-VPN wizard for the easy setup of VPN connections between LANCOM routers - but also real-time monitoring and logging. For comprehensive management and monitoring for installations of all sizes, the high-performance systems LANCOM Large Scale Monitor and LANCOM Large Scale Rollout are available for purchase. Comprehensive backup and high-availability functions guarantee smooth 24-hour operations.

The LANCOM 1781A-4G is available now. The device provides 5 VPN channels as standard. An optional extra upgrades this to 25 channels. Optional web content filtering can be enabled for up to 100 users.

Further information is available from the LANCOM web site www.lancom.eu.



LANCOM Systems background:

LANCOM Systems is the leading German manufacturer of reliable, innovative network solutions for the commercial and public sectors. The focus is on solutions for high-security site connectivity (VPN) for branch offices, enterprises and public authorities, and also on the wireless networking (WLAN) of public and corporate applications. LANCOM Systems GmbH is headquartered in Würselen near Aachen, Germany and has sales offices in Munich, Barcelona and Amsterdam.

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