

LANCOM Wi-Fi 6 infrastructures and Dräger OneNet solution ensure mobile patient monitoring

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Certified compatibility

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Aachen, 04. July 2023—The German network-infrastructure and security supplier LANCOM Systems and Dräger Medical Systems have successfully completed compatibility tests between the LANCOM Wi Fi 6 access point LANCOM LX-6402, the WLAN controller LANCOM WLC-1000, and the Dräger OneNet solution for medical patient monitoring. The tests certify that these three components interact perfectly in clinical environments. With its Wi-Fi 6 portfolio, LANCOM provides the secure, high-performance, and digitally sovereign basis for digitalization in hospitals and healthcare.

Mobile, Wi-Fi-based state-of-health monitoring contributes significantly to treatment and patient safety in everyday medical practice. Along with pertinent vital-signs data, these systems can also wirelessly transmit emergency signals and nurse calls to a central monitoring and alarm screen. This information can often be critical to survival, so it is absolutely essential to have secure, reliable communication between patient monitors and the Wi-Fi. Crucial for this is not only a high quality radio field, but also a high-performance and stable Wi-Fi infrastructure.

Optimal interaction

Network components and monitors also have to interact optimally with one another. To ensure this, the compatibility of Wi-Fi access points, control systems, and monitors are checked on a regular basis. The technology partners LANCOM Systems and Dräger Medical Systems regularly conduct function tests to validate the operation of the Dräger patient monitors in LANCOM Wi-Fi infrastructures. The smooth interaction of the monitors with the latest LANCOM Wi-Fi 6 access points and controllers is now confirmed with the latest compatibility certificate.

The following LANCOM components were tested:

LANCOM access point LX-6402 (with external antennas)



LANCOM
SYSTEMS

(Firmware LCOS LX 6.10.0030)

LANCOM wireless LAN controller WLC-1000

(Firmware LCOS 10.72.0015)

Partner solution Dräger Medical Systems:

www.lancom-systems.com/how-to-buy/partner-solutions/technology-partner/draeger-medical-services

Certificate of Compatibility

www.lancom-systems.com/fileadmin/download/LC-LX-6402/Draeger-Verification-Letter-for-LANCOM-LX-6402-with-WLC-1000.pdf

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 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 a wholly owned subsidiary of the Munich-based technology group Rohde & Schwarz.

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