



LANCOM  
and  
Ascom

## Joint Solution Brief

With their Wireless LAN products designed and made in Germany, LANCOM Systems offers the basis for transmitting voice and data on shared infrastructures.

"We are happy to cooperate with Ascom in offering an ideal solution for the healthcare industry."

- Secure
- Reliable
- Sustainable

### **LANCOM provides Ascom-certified VoWLAN infrastructure solutions**

Secure – reliable – future-proof

*The healthcare sector has special requirements for the quality and reliability of Wi-Fi communications. The demands on VoWLAN telephony, interoperability, and scalability are high.*

### **The Ascom LANCOM VoWLAN infrastructure Solution**

With their Wireless LAN products designed and made in Germany, LANCOM Systems offers the basis for transmitting voice and data on shared infrastructures. When combined with the Ascom i62 VoWLAN handset or the Ascom Myco smartphone, hospitals and care facilities gain an attractive and fail-safe voice-over-WLAN telephony solution, which meets the rigorous security and availability demands that are so important to digital patient care.

[Techpaper: WLAN Access Points in the Medical Field.](#)  
[Test report: Voice-over-WLAN quality test.](#)

### **Features and Benefits**

After passing extensive interoperability tests, LANCOM Systems is now certified by Ascom as a WLAN technology partner for healthcare projects.

Ascom Certified Products (ACP) include all LANCOM WLAN controllers with the LANCOM operating system LCOS 9.10, as well as the LANCOM access points of the 300 and 400 series (LCOS 9.10) and of the 800 series (LCOS 9.18). These LANCOM access points are approved for use in medical environments according to EN 60 601-1-2.

Jan Buis, Director of Business Development at LANCOM Systems, explains: "That we have met these demands makes us proud, and we are very happy to cooperate with Ascom in offering an ideal solution for the healthcare industry."

## Solution Components



LANCOM Wi-fi equipment perfectly fits into healthcare environments.

### Certified Products for LANCOM solutions

LANCOM WLC-4100 (as of firmware LCOS 9.10)  
LANCOM WLC-4025+ (as of firmware LCOS 9.10)  
LANCOM WLC-4006+ (as of firmware LCOS 9.10)  
LANCOM L-830acn dual Wireless (as of firmware LCOS 9.18)  
LANCOM L-822acn dual Wireless (as of firmware LCOS 9.18)  
LANCOM L-460agn dual Wireless (as of firmware LCOS 9.10)  
LANCOM L-452agn dual Wireless (as of firmware LCOS 9.10)  
LANCOM L-451agn Wireless (as of firmware LCOS 9.10)  
LANCOM L-330agn dual Wireless (as of firmware LCOS 9.10)  
LANCOM L-322agn dual Wireless (as of firmware LCOS 9.10)  
LANCOM L-321agn Wireless (as of firmware LCOS 9.10)  
LANCOM L-320agn Wireless (as of firmware LCOS 9.10)

This scenario illustrates the superb capability of LANCOM infrastructures in medical environment in combination with Ascom VoWLAN phones.



[Ascom certificate for WLAN interoperability.](#)

## Summary

Using LANCOM means using technological leadership: Certified components that lead to secure, reliable, and future-proof solutions—especially in the healthcare sector.

Find out more about certified LANCOM solutions.

Jan Buis, Head of Business Development LANCOM Systems, is looking forward for your questions:

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## About LANCOM Systems

As a German network manufacturer, LANCOM focuses on secure, reliable and sustainable infrastructure solutions for B2B markets.

The LANCOM solutions for WLAN and network connectivity (VPN routers/gateways) are developed and manufactured in Germany in accordance with the highest standards of data protection. They use an entirely proprietary operating system (LCOS), which is developed in a high-security environment. Freedom from backdoors is an essential security feature of the products. The quality mark "IT Security Made in Germany" and certification by the German Federal Office for Information Security (BSI) confirm the trustworthiness and the outstanding level of security.

[Declaration of trustworthiness.](#)

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**ascom**

**Disclaimer:** The interoperability are subject to compatibility restrictions, specific versions and models may not be supported. Please contact Lancom or your Ascom representative for details.