

The all-inclusive package for practices



Comprehensive network security for protecting sensitive patient data

Digitalisation in the health sector is gaining massively in momentum. Since the Federal Association of Statutory Health Insurance Physicians (KBV) amended its legal requirements, practice owners throughout Germany have been faced with the task of comprehensively securing their network. In order to minimise the effort for operators as much as possible, Hasomed GmbH, together with its IT system house partner LOOMA GmbH, is offering a comprehensive security solution for the practice environment. The basis for the PraxisProtect® all-round carefree package is the network infrastructure from LANCOM Systems.

Meeting the demands

Protecting patient data and increasing network security in practices: these are two central goals of the KBV's statutory IT security guideline, which has been in force since 2021. While it is true that anchoring the protection of sensitive patient data in law is a reasonable step towards comprehensive data security, for practice owners it also



entails a labour- and cost-intensive modernisation of their network. Depending on the size of the practice, measures such as securing network transition points with a firewall or using appropriate authentication for network management access are mandatory. These increased requirements also involve many pitfalls and risks. With its PraxisProtect® package, Hasomed GmbH, together with LOOMA GmbH as a managed service provider, has created a market innovation that offers therapeutic and medical practices the advantage of comprehensive data protection while fully complying with legal requirements.

As a basis for networking, LOOMA GmbH only considered network products from LANCOM Systems. The particularly high security standards in the healthcare sector require not only GDPR-compliant solutions but also backdoor-free protection via a UTM firewall. The LANCOM Management Cloud (LMC) also offers the advantage of central management of the utilised components

Remote control makes the difference

The PraxisProtect® all-round carefree solution will initially be used primarily in the practices of psychotherapists. The basis of the networking is a LANCOM R&S® Unified Firewall UF-60 with optional connection to the telematics infrastructure (TI). Until now, so-called connectors were physically located in the practice environment as a necessary connection to the TI in order to ensure secure data exchange with the health insurance providers, the administration of which involved considerable effort and high costs. Replacing these physical connectors is now required by law. This is where the innovative solution comes in: LOOMA GmbH, as a managed service provider, will take over management of the connectors in its data centres.

The project is given a final touch through its use of the LMC. As a central management tool for all the utilised network components, this cloud solution offers a wide range of options for significantly simplifying configuration via one-click security together with management and monitoring. The fact that maintenance and troubleshooting of the utilised network components can be controlled remotely eliminates the need for tedious manual on-site work in the practices. The practice owners benefit in several ways: there is no disturbance of the ongoing operation with its intensive patient care, and costs can be saved.



A forward-looking complete package made up of security and cloud

This complete package, including a UTM firewall and cloud-based management with hosting by the system house partner, can be easily scaled and transferred to other comparable practices. This enables the creation of standards for security and data protection in the health sector. With LOOMA GmbH's experience at many locations and with devices in the cloud, work steps can also be combined and easily automated. Proximity and reliability are not insignificant factors in a customer's choice of network manufacturer. As Christian Willwoldt, Managing Director of LOOMA GmbH, confirms: "This collaboration with LANCOM Systems GmbH during the project has once again confirmed that this has been the right choice from among the numerous manufacturers. LANCOM delivers what it promises."

At a glance

The customer



HASOMED GmbH
Therapeutic practices
in Germany

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Products and services:

Intelligent solutions
 for medical practice
 management, medical
 practice safety and
 additional therapy-related
 services.

The partner



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Requirements

→ High-performance IT
 infrastructure with
 remote control via the
 LANCOM Management
 Cloud" backdoor-free
 security

Components deployed:

→ LANCOM LW-500
 → LANCOM R&S UF-60
 + 3/5 year licences



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