SONICWALL®

Holistic Security System for Clinical Center

KKRN Katholisches Klinikum Ruhrgebiet Nord GmbH, with its four operating sites and 29 specialized medical departments, is the largest healthcare organization in the northern Ruhr region of Germany.

KKRN GmbH is also an academic teaching hospital for the Westphalian Wilhelms University in Münster and trains 410 students a year at two central schools in Dorsten and Marl.

Business Need

Operating a critical infrastructure in the healthcare sector places very special demands on data security. This includes not only the protection of sensitive patient data, but also secure site networking, the demarcation of services such as VoIP and mobile device management, and high-availability solutions that enable mobile working in the event of a pandemic.

Solution

At the main site and 3 other hospitals, NSa 6650 firewall clusters are used as a protective shield against cyber-attacks from the outside, for site networking and for segmentation. TZ series Firewalls are used at other smaller branch offices. Central management of all firewalls is facilitated by Network Security Manager. SonicWall SMA solutions are in place to guarantee remote access only to trusted devices and securely authenticated users. For email security, the KKRN relies on SonicWall's Email Security solution to defend against spam, phishing as well as malware. Being connected to all systems, SonicWall's Capture ATP sandbox solution with RTDMI is used to automatically detect known and especially previously unknown malware.

Results

Solutions from the SonicWall Boundless Cybersecurity platform provide a "wall" against modern cyberattacks. The solution implemented provides high network and hardware redundancy through high availability, it enables secure remote work, secure email communications and delivers an improved user experience, which reduces the burden and workload placed on IT staff.

"We opted for SonicWall's holistic approach, because throughout the scoping and implementation of the project we received a very high level of support from both the SonicWall account managers and their partners. SonicWall solutions also allow us to achieve a high level of security from a single vendor. The ability to adjust the end of the term independently during the course of the project via Flexspend Credits removes possible delays during implementation."

Volker Mentken
IT Manager
KKRN Catholic Hospital Ruhr Area North GmbH

Benefits

- Optimal reliability through high availability solutions
- Secure site networking
- Restricted access with detailed access regulations for devices and users as well as external service providers
- Multi-level evaluation and review of email content and attachments
- Centralized management to unify policies from one console

Solutions at a Glance

- SonicWall TZ 670, 470, 370, 350
- SonicWall NSa 6650, 2700, 2650
- SonicWall SMA 6210, 410
- SonicWall Email Security HyperV-VA, 2000 User

CUSTOMER PROFILE

Company	KKRN Catholic Hospital Ruhr Area North GmbH
Industry	Healthcare
Country	Germany
Employees	Approx. 3,000
Website	www.kkrn.de
SonicWall Partner	Stirnberg IT

CASE STUDY