

Homogeneous and secure network for Kindernothilfe

For over 60 years, Kindernothilfe, a German non-governmental organization, has been working to promote the rights and protection of disadvantaged children and young people in developing countries. The organization supports various projects in the areas of education, health, nutrition, protection against violence and exploitation, as well as the strengthening of local communities. In order to manage the important work of Kindernothilfe in the future through a secure and uniform network, a complete LAN and Wi-Fi infrastructure was set up at the headquarters in Duisburg.

A homogeneous network with centralized control via the cloud

For the non-profit organization, it was necessary to create a new network infrastructure in which the many different systems that existed until then could be connected to form a homogeneous network. In order to ensure high availability and configurability, a coordinated network segmentation had to be carried out first. When working in 33 countries with over 340 partner organizations and around 1,000 volunteer employees, data protection regulations and GDPR compliance were crucial criteria for Kindernothilfe in the choice of manufacturer. In addition, it was important for the customer to work with a German manufacturer.

The solution included both site connectivity in the areas of LAN and Wi-Fi, holistic network management, and increased network security through network segmentation. The homogenized Wi-Fi infrastructure included the use of modern Wi-Fi 6 access points, which are managed fully automatically via a central wireless LAN controller. The extensive switch portfolio of LANCOM Systems also provided the customer with tailored solutions for the internal networking of its diverse network services and components. All switches were efficiently and automatically configured via the LANCOM Management Cloud and integrated into the central monitoring.

A roll-out, that stands out for its speed

LANCOM partner, Netzlink Informationstechnik GmbH, supported the implementation of the project from consultation on network design, planning to final acceptance. Part of the network design was particularly application-specific network segmentation to increase internal network security. A particular challenge was to roll out the entire hardware of the LAN infrastructure within one week. This restriction was successfully overcome thanks to the partner's many years of expertise and the automated management solution.

Trust and availability seal the deal

The collaboration between Kinderothilfe, LANCOM Systems and its partner was characterized by trust and the holistic nature of a complete solution. The decision to choose LANCOM as the manufacturer based on availability, quality, delivery capability, and price-performance ratio. The challenge of a rapid roll-out was also successfully mastered. The implementation of the solutions enables a secure and efficient network infrastructure, which leads the customer into a digitally sovereign future.

Project profile

Customer: Kindernothilfe e.V.

Projekt

Kindernothilfe e.V. has set up a homogeneous and secure LAN and Wi-Fi infrastructure at its headquarters in Duisburg to connect the many different systems to a uniform network. LANCOM was chosen as the manufacturer because data protection regulations and GDPR compliance were crucial criteria, and complete integration into network management could be achieved through the LANCOM Management Cloud. The roll-out of the LAN infrastructure within one week by LANCOM partner, Netzlink Informationstechnik GmbH, was a particular challenge that was successfully overcome.

LANCOM components deployed

The following components are deployed for the equipment:

Switches, Indoor Access Points, WLAN controller, LANCOM Management Cloud.

Partner



For around 20 years, Netzlink Informationstechnik GmbH has been offering first-class IT consulting and customized solutions with around 90 employees at its headquarters on the Braunschweig IT campus and at two other locations. As an IT partner, Netzlink plans holistic and integrated solutions for networks, cloud and storage areas, as well as virtualization, automation and managed services, and implements them to ensure trouble-free operation of the respective business processes.

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