



CITY OF LUDWIGSBURG MODERNIZES OPERATIONS WITH CLOUD-MANAGED NETWORKING

Challenges

- From kindergartens to fire stations: Ludwigsburg has a high density of buildings with vastly different structures and equally varied Wi-Fi coverage needs.
- Many buildings are protected as historical monuments, which limits technical possibilities.
- Simplified network management, proactive troubleshooting and the ability to easily expand the network and integrate new services.

Extreme Solutions

- Extreme Wireless Access
- ExtremeCloud™ IQ
- ExtremeCloud™ IQ CoPilot

"Like in other cities, Ludwigsburg pays close attention to costs and cost-efficiency. Rental costs are to be reduced, and existing spaces are to be used optimally. The city administration can now ensure this much better with ExtremeCloud IQ. Finally, all employees can work professionally wirelessly and mobile. Policies can be rolled out with a mouse click, and a new SSID in the VLAN is available at the touch of a button. This greatly facilitates our work and simultaneously increases security. This also includes knowing exactly where the hardware is at all times and being able to control, activate, or deactivate it with a click."

**Reinhold Will, Network Manager,
City of Ludwigsburg**

Ludwigsburg is the largest city in the eponymous district, with a population of nearly 100,000. Founded during the Baroque period in 1704, Ludwigsburg is renowned for its architectural charm and its significant tourist appeal. While the city itself is famous for its combination of modernity and classicism, its network needed to move from legacy to next-generation.

Ludwigsburg is transitioning its WLAN to the public cloud. The city's IT team is migrating its entire wireless network to be managed by ExtremeCloud™ IQ, enhancing both operating efficiency and management simplicity while strengthening network security. The addition of ExtremeCloud IQ CoPilot gives helps Ludwigsburg reduce the volume of trouble tickets and save the IT team time spent on troubleshooting network issues.

"ExtremeCloud IQ is an easy-to-use and uncomplicated solution that allows us to bring devices online comfortably. At the same time, it is very high-quality, as the simplicity does not come at the expense of security. On the contrary, we gain maximum transparency and enjoy the latest technologies like Wi-Fi 6E. Moreover, we were able to say goodbye to many tedious manual tasks that were still necessary with our previous solution."

Bernd Geiselhart, Network Manager, City of Ludwigsburg

Results

Simplicity in Every Aspect

- ExtremeCloud IQ CoPilot assists in monitoring the network and quickly identifying and resolving network errors, saving valuable time for Ludwigsburg's IT team.
- Simplified network management from anywhere through ExtremeCloud IQ.
- Setting up guest access is no longer a cumbersome process, it can be accomplished through a few mouse clicks.

Increase Efficiency, Reduce Costs

- City employees can work securely while on the move, enabling the city to be flexible and efficient with its office space.
- The entire network is visible at the push of a button – no more searching for devices or trying to identify what is happening where on the network.
- The move to public cloud provides maximum freedom in terms of deployment and management.

Secure the Future

- Whether it's the "Kindergarten goes digital" program or employees wanting to integrate various devices and services – the IT team is not held back by anything on the network.
- Up to 500 access points have been deployed as part of the final expansion – but there's no limit on future scale.
- Intensive use of the smartphone app by administrators: Management, monitoring, and troubleshooting of the network and all devices can be done easily from anywhere.