



Enhancing Public Service Connectivity with Smart and Efficient Cloud Solution

Overview

The municipality of Seuzach needed to optimize its IT infrastructure to enable centralized, efficient, and secure network management across all public institutions. To achieve this, the municipality modernized WiFi management throughout its public facilities by deploying Zyxel Networks' Nebula cloud networking solution. Centralized control, real-time visibility, automated updates, and scalable deployment replaced time-consuming manual configuration, delivering stable, secure, and efficient wireless connectivity for municipal staff and visitors.

Challenges

The municipality of Seuzach faced the challenge of efficiently managing the WiFi infrastructure across multiple public facilities. Previously, each access point had to be configured and monitored individually, a process that was not only time-consuming but also prone to errors. This issue impacted key facilities such as the town hall, library, youth center, swimming pool, and fire station, all of which rely on a reliable, high-performance WiFi connection.

Solutions

To address these challenges, the municipality of Seuzach implemented Zyxel Networks' Nebula, a cloud-based network management platform designed to simplify and centralize wireless operations. Through an intuitive cloud interface, the solution enables centralized control of all WiFi access points while delivering comprehensive, real-time visibility into network performance, usage statistics, and system status. The high visibility empowers the IT department to make precise adjustments, maintain consistent stability, and ensure a reliable digital experience for staff and visitors across municipal facilities.

Customer

Municipality of Seuzach

Industry

Government

Location

Seuzach, Switzerland

Partner

Studerus

Customer Background

The Municipality of Seuzach, home to approximately 8,000 residents and comprising three villages of Seuzach, Oberohringen, and Unterohringen, is the largest suburban municipality of Winterthur. It is known for its central location, excellent public transport and motorway connections, diverse shopping opportunities, and vibrant community life.



With Zyxel Nebula in place, the municipality's IT team has significantly improved the efficiency and effectiveness of WiFi management. The streamlined dashboard supports straightforward configuration and in-depth monitoring of the 39 access points deployed throughout the municipality. Automated firmware updates and synchronized security policies keep every device continuously protected and up to date, while proactive monitoring identifies potential issues or bottlenecks early, allowing rapid resolution before users experience disruption.

Centralized cloud management has reduced the time and effort required for routine maintenance and troubleshooting, enabling smooth and efficient daily operations. At the same time, Nebula's scalability provides a flexible foundation for future expansion, allowing the municipality to grow its WiFi infrastructure without adding management complexity or extra hardware.

Beyond core management capabilities, Nebula enhances the overall network experience with features such as secure guest access through a captive portal, intelligent RF optimization, and detailed performance monitoring. Zero-touch provisioning further streamlines deployment by automatically configuring and activating access points upon connection, ensuring fast, consistent rollouts across all locations.

Product List



- WBE630S WiFi 7 Access Point



- Nebula Pro Pack License

Results

With Nebula, the municipality of Seuzach has transformed its network into a future-ready infrastructure. Centralized management and intuitive navigation have reduced operating costs while significantly improving network stability and security, creating a reliable and efficient foundation the municipality can depend on both now and in the years ahead.

- Centralized cloud management simplifies configuration, monitoring, and troubleshooting across 39 access points
- Real-time visibility and proactive monitoring improve network stability and user experience
- Automated firmware updates and synchronized security policies keep devices continuously protected
- Reduced operational workload and maintenance time lower overall IT management costs
- Scalable architecture supports future wireless expansion without added complexity
- Secure guest access, RF optimization, and zero-touch provisioning enhance deployment efficiency and usability

