



# Grieghallen hits the right note with a futureproof network

## Overview

Grieghallen, one of Norway's premier cultural venues, needed a network capable of supporting high-density events, critical operations and evolving digital requirements. Nordlo Bergen installed and configured Zyxel Networks WiFi 7 access points and multi-gig switches to deliver a futureproof, high-performance network combining speed, security and simplified cloud-based management for both staff and audiences.

## Challenges

Grieghallen's existing network struggled with limited coverage, inconsistent bandwidth and operational interruptions – issues that impacted both staff workflows and audience experiences. With high-density events, evolving technology requirements and increasing cybersecurity demands, the venue needed a solution that could provide fast, reliable connectivity, robust security and simplified management for both present needs and future growth.

## Solutions

To meet these demands, Nordlo Bergen supplied WBE660S WiFi 7 access points and XMG1930 multi-gig PoE switches.

The access points delivered high-speed, stable connectivity, even in high-density, dynamically changing environments, using features such as SSID tagging and Storm Control for efficient traffic management. Multi-gig switches ensured robust connectivity for access points, servers and workstations, with VLAN management, IGMP snooping and topology views enhancing operational control and network segmentation.

The Nebula cloud platform provided centralized management, giving both Grieghallen and Nordlo Bergen real-time visibility, network diagnostics and AI-powered tools like WiFi Aid and Wireless Health. Extended logging and topology mapping make troubleshooting and performance optimization faster and simpler in a complex, ever-changing environment.

### Customer

[Grieghallen](#)

### Industry

Concert hall and events

### Location

Bergen, Norway

### Organization Size

50-100 employees

### Partner

Nordlo Bergen

## Customer Background

Grieghallen, named after Bergen-born composer Edvard Grieg, is one of Norway's most iconic cultural venues. Opened in 1978, it hosts the Bergen Philharmonic Orchestra along with concerts, banquets, exhibitions and conferences. Spanning 25,000m<sup>2</sup> across 18 halls, its largest, Dovregubbens Hall, accommodates up to 2,000 guests.



**Zyxel Networks' WiFi 7 access points and multi-gig switches, managed through the Nebula cloud platform, delivered exactly what we needed. The transition was smooth and now we have fast, stable internet, even in our busiest areas."**

**Trond Olav Strømme, Technical Director**  
Grieghallen

### Results

- High-speed, futureproof connectivity: WiFi 7 provides the performance needed for today's operations and tomorrow's demands.
- Reliable and resilient network: 71 access points and 32 multi-gig switches ensure seamless coverage and virtually no downtime, even during large events.
- Enhanced security: segmented networks for guests, staff, operations and critical systems safeguard sensitive data.
- Efficient management: cloud-based monitoring reduces troubleshooting by 50% and simplifies ongoing network maintenance.
- Proven partnership: Zyxel Networks and Nordlo Bergen's long-standing collaboration ensures professional, tailored solutions - making this deployment at Grieghallen a showcase of expertise and teamwork.

### Product List



- WBE660S WiFi 7 access point



- XMG1930-30HP multi-gig PoE switch



- Nebula Pro/Plus Pack license



Find out more by watching our [video success story](#).