



Omada Modernizes Real Estate Networking for K2 Eiendom in Norway

Project Scope

22 switches deployed across a multi-tenant commercial property, forming a fully segmented, energy-efficient network.

Customer Profile

Name: K2 Eiendom
Industry: Commercial Real Estate
Location: Norway
Partner: Jaba

Challenge

K2 Eiendom faced critical challenges in managing an aging, energy-intensive network environment. The existing enterprise manufacturer infrastructure consumed over 40,000W per hour—even at idle—and required cooling through dedicated air conditioning units in each technical room. Messy cabling and overlapping networks complicated maintenance. Moreover, unsecured open ports and out-of-warranty hardware posed a growing risk to tenants and building systems alike.

Solutions

- SX3032F
- SG3452P
- SG3428MP
- EAP772
- Centralized Omada Management via Controller

Centralized Network Upgrade Reduces Complexity and Energy Costs

A complete Omada solution tailored to the unique demands of a multi-tenant commercial property was delivered. A hybrid, centralized network was deployed with a main server room in the basement acting as the core node, connected via fiber to 18 technical rooms distributed across all wings and levels of the building.

Each tenant network was logically segmented using Omada's SSID and VLAN architecture, providing isolated access and total independence without compromising building infrastructure. Building automation systems including sensors, cameras, and access control were connected through dedicated Omada VLANs to ensure seamless, high-priority operation.

Dramatic Energy Reduction and ROI Within 12 Months

Following the upgrade, energy consumption dropped by over 98%, from 40,000W to just 750W per hour, slashing annual electricity costs considerably. Return on investment was achieved in under a year while freeing up both cooling and electrical capacity in the building.

Streamlined Cabling and Maintenance-Free Operation

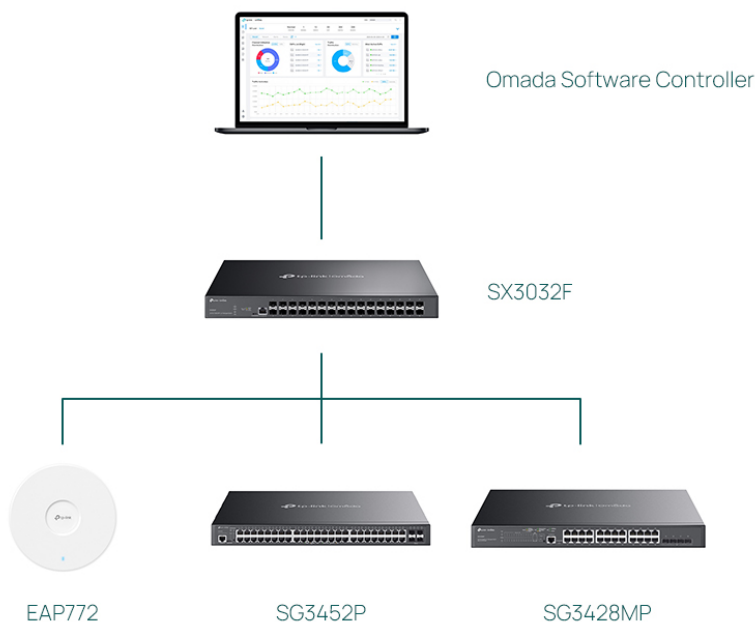
The previous environment relied on dual cabled connections per tenant (PCs and phones), contributing to severe cable clutter. Omada's clean, centralized design eliminated redundancy and significantly reduced cable infrastructure. Maintenance teams now benefit from remote diagnostics and real-time alerts.

Scalable, Secure, and Tenant-Friendly

With advanced port lockdown features, segmentation, and centralized monitoring, the network now delivers enterprise-grade security and stability. Each tenant controls their own digital environment—yet remains securely separated from others. The scalable design ensures that new tenants and services can be added with zero disruption.

A Future-Proof, Sustainable Real Estate Network

K2 Eiendom now positions itself as a sustainability-forward property leader offering both energy savings and next-generation connectivity to its tenants. With a clean, secure infrastructure in place, the building stands ready to meet evolving demands in commercial real estate.



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