

Zaphire

Building Management System

Introduction

Zaphire is a Norwegian company based in Drammen. Since 2018, we have developed solutions for building automation and energy management, with a focus on user-friendliness, security, and reliability.



Zaphire BMS

Zaphire BMS is a modern, cloud-based platform that revolutionizes building operations and energy management. The system provides complete real-time insight into all technical installations - across buildings and locations.

Where traditional building management systems are often heavy, fragmented, and difficult to maintain, Zaphire BMS brings everything together in one unified ecosystem. With its cloud-based architecture, Zaphire reduces the need for costly installations, complex updates, and manual processes. Instead, you get a flexible and future-proof system that grows with your organization and continuously adapts to new requirements for energy efficiency, security, and sustainability.

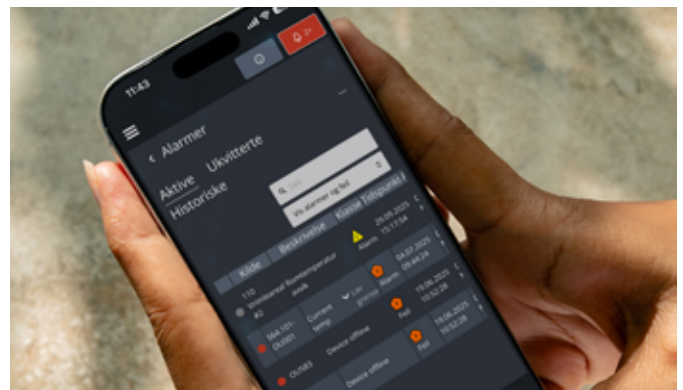


Real-time monitoring

Zaphire BMS gives you a complete real-time overview of all technical systems in the building. Whether it's ventilation, heating, cooling, or lighting, all data is collected and presented in an intuitive and visual interface that makes it easy to make quick and well-informed decisions. Dynamic system views, graphs, and trend curves provide immediate insight into system status and performance, while historical data offers a deeper understanding of energy use and operations over time. The result is a management tool that can be actively used by technicians, property owners, and consultants - regardless of their location.

Security and uptime

Zaphire BMS is developed with IT security as the highest priority. The platform is built on a zero-trust principle, where no component trusts another without verification. With Zaphire Zero Trust Remote Access, you gain secure and efficient remote control of buildings without the need for traditional VPN solutions or open ports - a modern security model that protects both operations and privacy. All data is stored securely and encrypted in accordance with GDPR. The system has a documented uptime of 99.997%, corresponding to less than 20 minutes of downtime per year, and continues to operate locally even if the internet connection is lost. This ensures maximum operational reliability and full peace of mind.



Alarms and events

Efficient management of alarms and events is an integral part of the system. Zaphire BMS continuously monitors all installations and provides instant alerts in the event of deviations. Each event is automatically logged with timestamp, user, and actions taken, ensuring full traceability at all times. The system allows you to define custom rules for notifications and prioritization, ensuring that the right person receives the right message at the right time. In addition, the alarm history provides valuable insights that can be used to detect recurring faults, plan preventive maintenance, and optimize operations over time.

Flexible and future-proof architecture

Behind the user-friendly interface lies a modern and scalable architecture built on microservices and open standards. Zaphire BMS can be deployed in the cloud, on-premises, or as a hybrid solution - depending on project requirements. The platform scales seamlessly from a single building to large property portfolios and includes built-in support for BACnet, Modbus TCP, and MQTT, making it easy to connect IoT sensors and third-party systems without additional software. The result is a robust, flexible, and future-ready solution that combines the best of both cloud and local operation.