



EkkoSoft® Critical



# EkkoSense Edge

## Optimize your Edge site performance with EkkoSense.

Analyst firm Gartner estimated that by 2022 more than half of enterprise-generated data would be created or processed outside the data center or the cloud. From an optimization perspective this presents a challenge, particularly as many of these Edge sites are often unmonitored or only tracked by legacy BMS solutions.

EkkoSense Edge directly addresses this issue, providing true real-time visibility into the performance of all their remote Edge sites – including single server rooms and closets, cabins or containerized pods, small server rooms typically featuring 10-20 racks, hub sites and telecoms equipment rooms.

EkkoSense Edge lets you manage and optimize the performance of all your distributed Edge sites via our EkkoSoft Critical SaaS 3D visualization and analytics software. You benefit from a comprehensive performance overview of all your remote Edge facilities that – for the first time – gives you access to real-time power, cooling and space optimization across your entire estate.



## EkkoSense Edge capabilities include:

- € **'Mini-BMS' alternative** at around a tenth of the cost of more complex BMS solutions
- € **24/7 real-time visibility** across all your critical Edge facilities
- € **Comprehensive enterprise-wide visibility** of your entire estate's performance, from the smallest server room to your largest data center
- € **Active Edge site performance optimization** – with thermal, power and capacity management supporting greater IT loads across your Edge facilities
- € **Integration with existing systems** via Modbus/TCP and SNMP is accessible via dedicated EkkoHub expansion port
- € **24x7 real-time monitoring and alerting** provides you with **significant risk reduction** benefits across all your sites, preventing potential service-impacting thermal failures
- € **Cost-effective management** of remote sites, with real-time views providing early insight into potential issues allowing you to optimize site maintenance schedules
- € **Simple installation and operation**, with wireless sensors and direct-to-cloud wireless data transmission enabling rapid deployment by non-IT professionals
- € **Fully scalable solution**, with the same 'data center' class solution supporting all facilities – from single Edge server rooms through to major data center sites



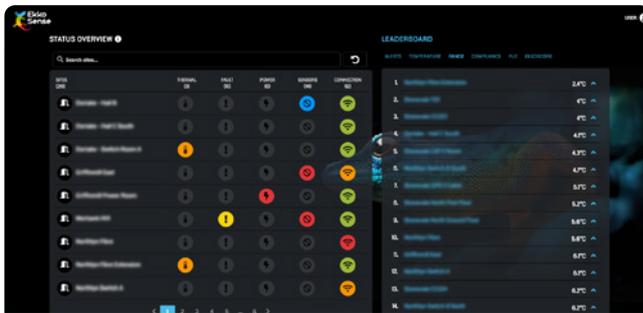
### Mini-BMS capability

Unlike traditional remote BMS solutions that can only respond to hard faults, EkkoSense features a powerful alerts capability with user permission configuration. This effectively delivers a more comprehensive 'Mini-BMS' alternative at around a tenth of the cost of more complex BMS solutions.



### Rapid Deployment

EkkoSense Edge is particularly easy to deploy with a rapid deployment pack of wireless sensors and the EkkoHub Wireless Data Receiver that supports self-installation by non-IT professionals. EkkoSense Edge solutions are typically installed in hours and running on the same day.



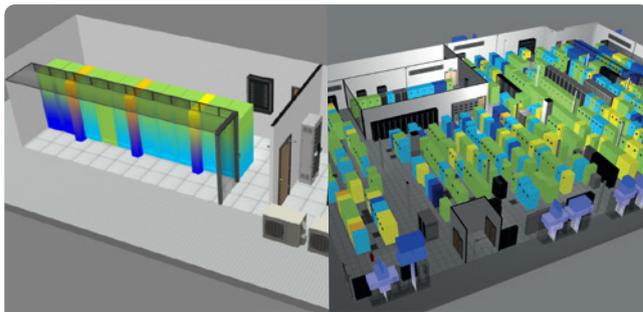
### Complete Estate and Enterprise Visibility

With its ability to monitor and analyze an organization's disparate Edge estate, EkkoSense Edge provides data center operations and FM teams with a true, real-time picture of their entire enterprise estate performance via a single, intuitive pane of glass.



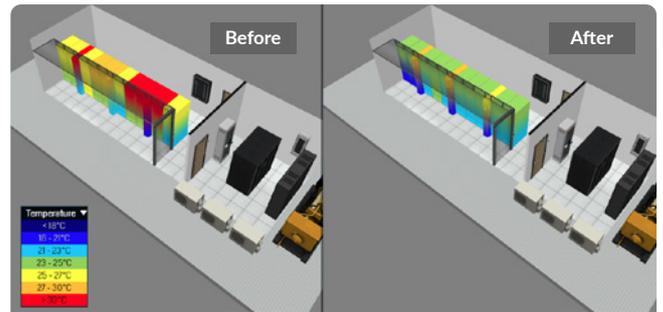
### EkkoHub Wireless Data Receiver

In smaller Edge rooms where there are only a few racks or cooling units, the EkkoHub Wireless Data Receiver's direct-to-cloud functionality connects straight to EkkoSoft Critical via a wired or 4G Internet connection – making it an ideal solution for monitoring smaller sites.



### Edge Scalability

Each EkkoHub can support up to 200 wireless sensors and up to 20 Modbus/SNMP devices in EkkoSoft Direct mode, ensuring support and scalability for a broad range of Edge sites, from single server rooms closet to larger hub sites of equipment rooms.



### 100% Thermal Risk protection for Edge sites



With thermal failure impacting many remote sites during summer months, real-time monitoring of sites via EkkoSense Edge helps ensure 100% ASHRAE rack thermal compliance – protecting organizations from the risk of potential thermal failure at remote sites.