

Data Center Energy Savings Made Easy With Cost-Effective OspreyFMS®

Challenge

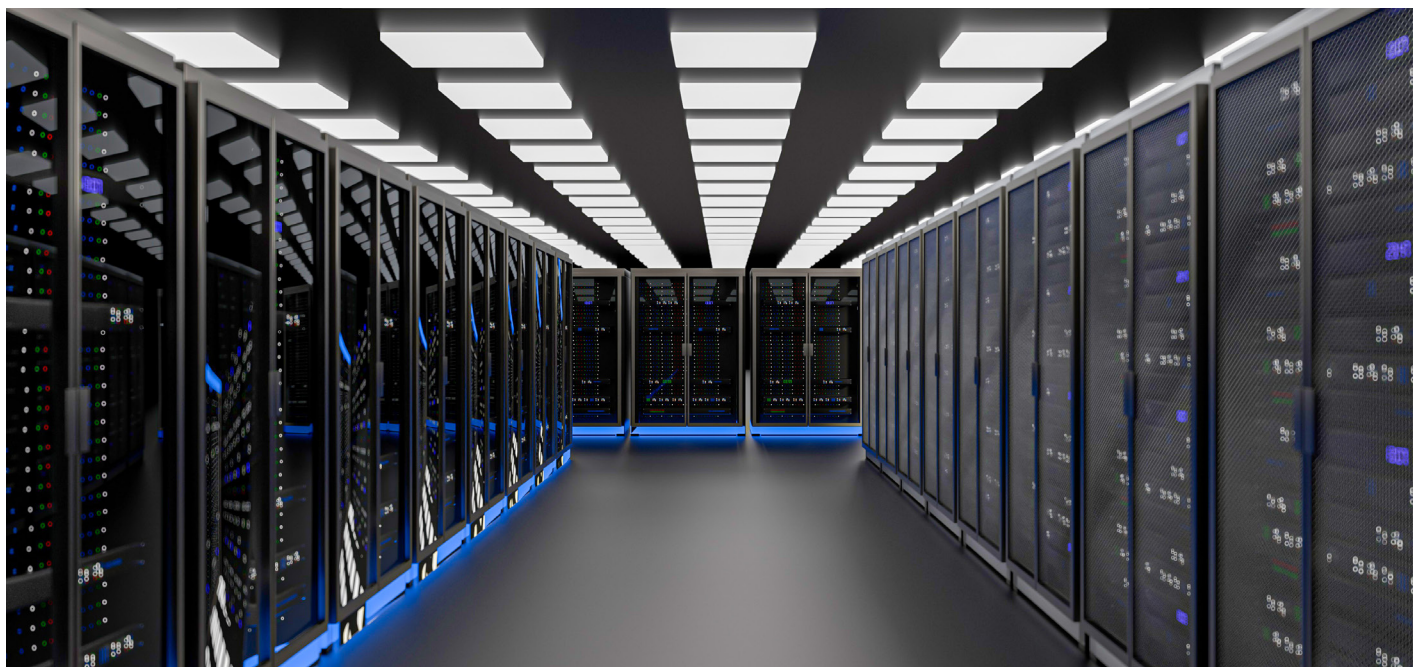
As Data Centers continue to increase computational load with continuously shrinking onsite staff, the ability to focus on cooling dynamics and optimizing performance becomes progressively more problematic. This, coupled with needing to understand equipment performance and availability 24/7 results in overburdened staff and consequently outages and missed opportunities.

Applications

- Effective cooling management
- Smart reductions in energy use
- Remote & edge data center monitoring & management
- Multiple facility management
- Cooling & power system analysis and reporting
- Capital planning data
- Track asset service frequency
- Weather map overlay included

Benefits

- Utilize existing installed technology and save \$\$
- Reduce reliability service visit requirements
- Effectively manage worldwide facilities from a single interface
- Edge computing for maximum responsiveness and uptime
- Easy secure remote access
- Online reports for easy historical analysis
- Cooling load heat map functionality with animations for easy problem diagnosis
- IOT support for wireless sensors
- Unified interface for easy engagement and minimal training
- Complete toolset for total self-administration



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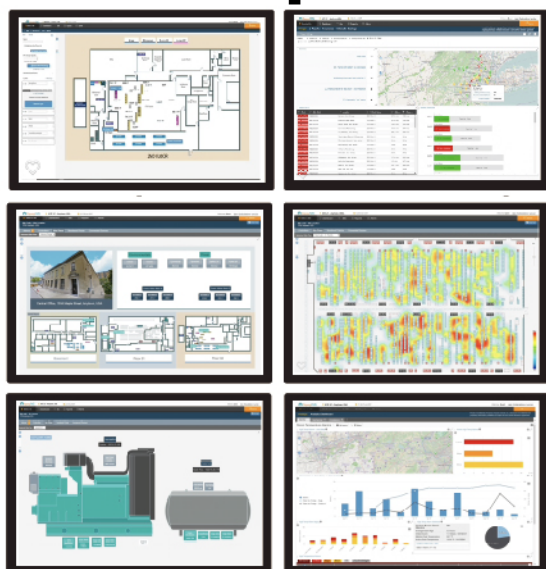
OspreyEG™ Solution

OspreyEG is a comprehensive solution of Quest Controls' hardware and our internally developed OspreyFMS software – brought together to provide maximum automation & optimization. By maintaining the logic locally to the site, OspreyEG ensures redundancy and visibility to your data center's HVAC energy use. Utilizing the Osprey IL engine, the system automatically adapts the control to accommodate the specific cooling requirements while intelligently delaying starts to avoid demand spikes. With options to utilize Quest Controls hardware or currently installed technology, the overall solution assures a maximum payback with a minimal ROI timeframe.

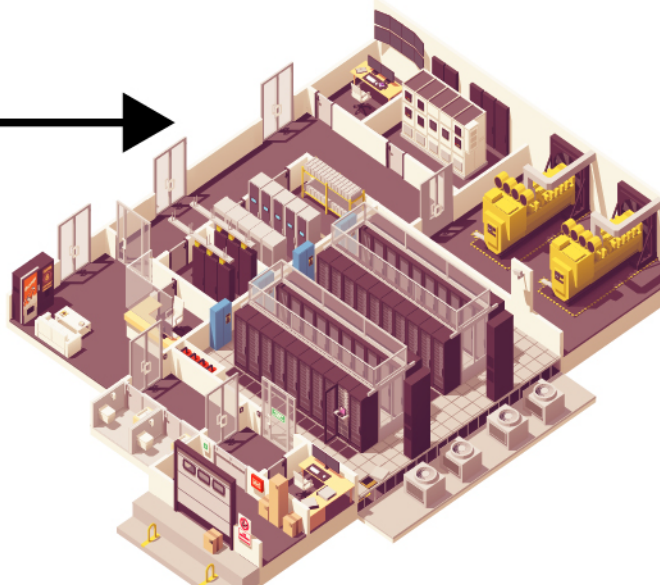
Features

- Locally hosted software appliance for the highest availability and assurance of ongoing automation
- Communication to the centralized OspreyFMS server for global monitoring, management & backup
- Patented algorithms for maximization of free cooling through local learning of the onsite cooling dynamics of the facility
- Smart-staging technology for intelligent unit-to-unit awareness and control to mitigate kW spikes
- Open-protocol support to leverage currently installed technology whenever possible
- Support for other systems including DC plants, UPS, ATS, generators, PDU & branch circuit monitoring
- Best-in-class engineering, monitoring & support

Enterprise



Data Center



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or Email us: info@questcontrols.com. Visit us on the web at www.questcontrols.com