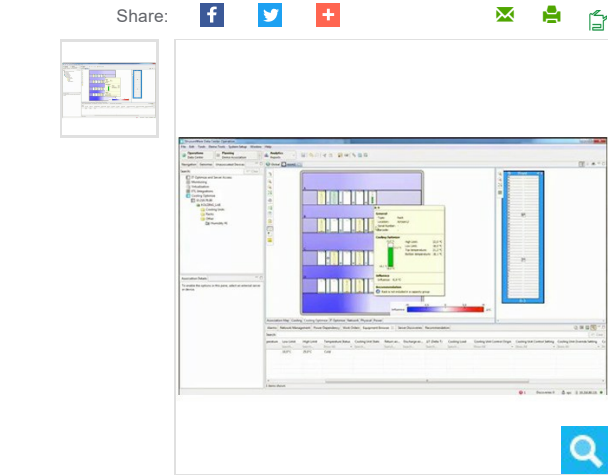




Data Center Operation: Cooling Optimize Server

CLENGINE

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Data Center Operation: Cooling Optimize Server

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CLENGINE Features

Data Center Operation: Cooling Optimize Server

Dynamically eliminates hot spots and saves energy through intelligent cooling control.

Data Center Operation: Cooling Optimize Features & Benefits

Cost Savings

Extend equipment life	Efficient use of cooling equipment reduces the need for maintenance and extends equipment life.
Energy savings	Delivers up to 40% cooling energy savings through optimized use of existing cooling equipment.

Protection

Wireless temperature sensors	Utilizes a range of wireless temperature sensors to determine the exact position of the heat load within the data center
Read-only Access	Share access without risking unauthorized configuration changes.
User roles	Enable location and feature-based access through multi-user login and individual levels of user roles.
Password Security	User-selectable password with strong password rules and reset password mechanism.
Multi-user access	Enables several users to carry out work on the application simultaneously and merging changes from different users seamlessly.

Availability

Temperature compliance report	Identifies if rack temperatures have complied with required set points, and the time period that racks have been in violation of the set point limits, enabling easy detection of potential physical infrastructure irregularities.
Benchmark report	Verifies energy and cost savings, as well as greenhouse gas reductions, achieved through the use of active cooling control.
Existing cooling infrastructure	Works with your existing infrastructure; direct expansion (DX), chilled water, economizers and evaporative cooling methods, and under floor, overhead, ducted and unducted airflow environments.
Manual override	Provides operators with the ability to manually exert control over their cooling resources and override the system.
Risk mitigation	In the event of an emergency, cooling units will automatically run at maximum capacity and ensure a cool facility, even if Cooling Optimize is unable to connect to and control the cooling units.
Uptime protection	Immediate identification and elimination of hot spots protects uptime and ensures business can continue as planned.

Manageability

Influence mapping	Provides great insights into the influence of individual cooling units on the temperature in every part of the data center.
Intelligent control	Temperature data is wirelessly transmitted to network gateways, aggregated, and analyzed by control software, which then sends appropriate control demands delivered directly to the cooling equipment.

Reclaim cooling capacity	Continuously optimized cooling capacity allows for additional IT load and increased IT capacity in the data center.
Dynamic optimization	Thermal airflow is constantly adapted to match real-time needs created by the dynamic environment in a data center.
Product Distribution	
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