

Thermal Optimization Extension Module

Technical Specification Sheet

Offering Description

Thermal Optimization is an Extension Module (EM) for Siemens' Desigo CC™ building management system (BMS). The EM has been developed to integrate the White Space Cooling Optimization (WSCO) application within the BMS and further improve transparency through persona-based dashboards. WSCO dynamically matches cooling output to IT load, in real time, at every rack across the data center floor with the benefits of reducing hot spots, maximizing rack capacity, increasing energy efficiency and complying with SLAs. Dashboards shows Key Performance Indicators (KPIs) about the operation of the data center as it relates to the cooling systems. Data can come from various sources, including (without limitations): WSCO, Demand Flow®, and physical inputs and outputs.

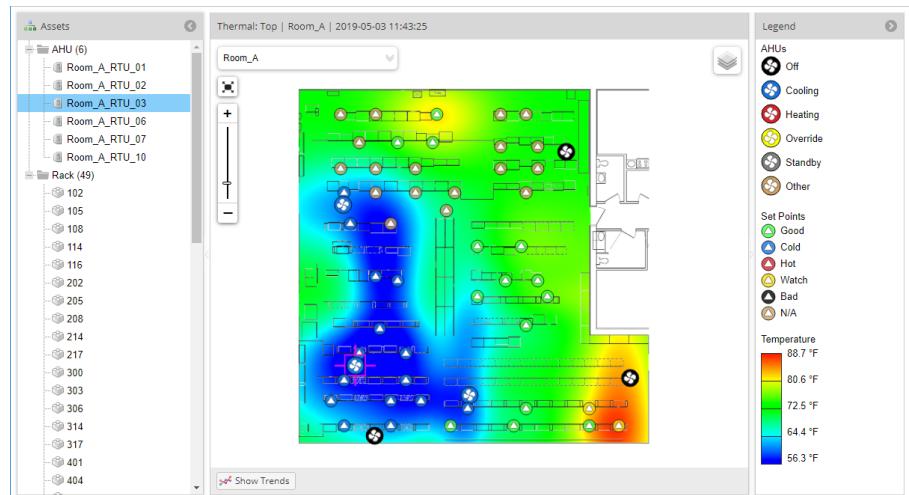
Key Information

Features and Benefits

- Integration to White Space Cooling Optimization
- Context-sensitive linking to data hall thermal maps and equipment influence maps
- Predefined, persona-based dashboards for the facility manager, IT manager and data center director ensure that the right people are seeing the information they want to see
- Visualization of chiller optimization KPIs provided by Demand Flow
- Single pane of glass for Demand Flow® and White Space Cooling Optimization solutions within one management system (Desigo CC)

Compatibility

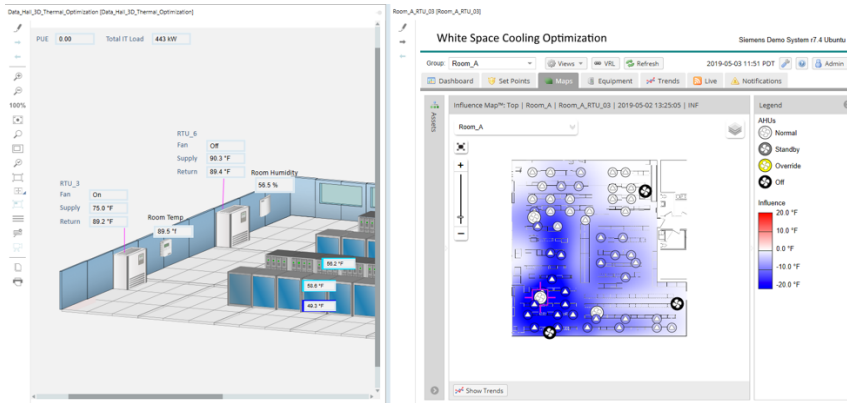
- Desigo CC 3.0 Extension Pack 3 and Service Release 4 must be installed at customer site
- Customer must have White Space Cooling Optimization system ver. 7.4.0 or later with DCO and XML APIs enabled



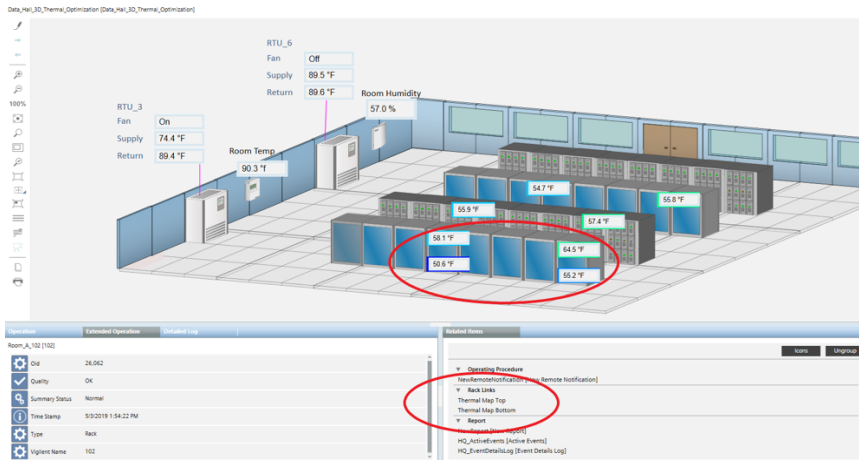
Heat map displayed in Desigo CC secondary pane



Facility Manager Dashboard



WSCO influence map is associated to each cooling unit



Context Sensitive Linking shown in related items

Licensing Information

Desigo CC is protected by a Trusted Store license concept where licenses are assigned to the computer hardware.

- Thermal Optimization EM license(s) – this is a Desigo CC option license which turns on the feature set.
- BA Data-point license – like all data brought into Desigo CC, data points in the Thermal Optimization EM are counted in the data point bundles.

Part Number (SSN)	Description
P54594-P415-A100-A	Thermal Optimization EM

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