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Datacenter Clarity LC: integration with Desigo CC

Overview

Datacenter Clarity LC™* is a complete data center infrastructure management (DCIM) solution that offers a holistic, real-time view into data center maintenance and operations. It provides a comprehensive set of management tools that include:

- Fully integrated 3D representation
- Real-time alarms and dashboards
- Change and connection management
- Real-time KPI monitoring

Datacenter Clarity LC is also seamlessly compatible with Desigo™ CC, a state-of-the-art building management platform designed by Siemens.

With the integration of Desigo CC and Datacenter Clarity LC, you can now easily work with Desigo CC assets right in the DCIM solution. This approach delivers greater visibility of your data center operations – more specifically, you'll be able to:

- View real-time events from Desigo CC using the Datacenter Clarity LC Web client.
- View any affected assets in real time in the Datacenter Clarity LC 3D viewer.
- Cross-reference Desigo CC facility assets with critical IT assets captured in Datacenter Clarity LC for faster troubleshooting and much improved mean time to repair (MTTR) operational metrics.

The insight into data center operations delivered by Datacenter Clarity LC combined with the facility management capabilities of Desigo CC gives you unparalleled visibility of all critical aspects of your organization.

For data center operators who need to have a consolidated view of the alarms in their data center, this seamless integration allows faster troubleshooting and much improved mean time to repair (MTTR) operational metrics.

* Datacenter Clarity LC™ is a trademark owned and licensed by Maya Heat Transfer Technologies Ltd.

Datacenter Clarity LC* BMS

Help Offline Help Info/dba - dba/OBA

Live Feed System Browser Mappings

Events Information

Emergency 0 Life Safety 2 Danger N/A Security 6 Supervisory 0 Trouble 0 High 0 Medium 0 Low 21 Fault 0 Exclusion N/A Anomaly N/A Information N/A Status 20

Commands	Event ID	Category ID	Category Desc...	State	Cause	State	View	Location	A. Descriptor	Discipline Des...
	5204	3	Security	Unprocessed	High Limit (80.30 ...	Active	Logical View	Datacenter Clarity LC.BLDG...	Analog Input 1	Building Automati...
	5732	3	Security	Unprocessed	High Limit (79.50 ...	Quiet	Logical View	Datacenter Clarity LC.BLDG...	Analog Input 2	Building Automati...
	5912	3	Security	Unprocessed	High Limit (80.50 ...	Active	Logical View	Datacenter Clarity LC.BLDG...	Analog Input 5	Building Automati...
	5913	3	Security	Unprocessed	High Limit (85.00 %)	Quiet	Logical View	Datacenter Clarity LC.BLDG...	Analog Output 1	Building Automati...
	5916	3	Security	Unprocessed	Low Limit (35.00 %)	Quiet	Logical View	Datacenter Clarity LC.BLDG...	Analog Output 2	Building Automati...
	5911	3	Security	Unprocessed	Low Limit (35.00 %)	Quiet	Logical View	Datacenter Clarity LC.BLDG...	Analog Output 3	Building Automati...
	2070	8	Low	ReadyToBeReset	Off Normal (INACT)	Quiet	Logical View	Datacenter Clarity LC.Si Pas...	BDR11_3 (075) TR...	Building Automati...
	7436	8	Low	Unprocessed	Off Normal (INACT)	Quiet	Logical View	Datacenter Clarity LC.BLDG...	Circuit Electrical 1	Building Automati...
	7437	8	Low	Unprocessed	Off Normal (INACT)	Quiet	Logical View	Datacenter Clarity LC.BLDG...	Circuit Electrical 3	Building Automati...
	9240	8	Low	ReadyToBeReset	Off Normal (INACT)	Quiet	Logical View	Datacenter Clarity LC.BLDG...	Circuit Electrical 5	Building Automati...
	5348	8	Low	Unprocessed	Off Normal (ACTI...	Active	Logical View	Datacenter Clarity LC.BLDG...	Circuit Electrical 5	Building Automati...
	7440	8	Low	Unprocessed	Off Normal (INACT)	Quiet	Logical View	Datacenter Clarity LC.BLDG...	Circuit Electrical 6	Building Automati...
	5347	8	Low	Unprocessed	Off Normal (ACTI...	Active	Logical View	Datacenter Clarity LC.BLDG...	Circuit Electrical 7	Building Automati...
	9239	8	Low	ReadyToBeReset	Off Normal (INACT)	Quiet	Logical View	Datacenter Clarity LC.BLDG...	Circuit Electrical 7	Building Automati...
	7442	8	Low	Unprocessed	Off Normal (INACT)	Quiet	Logical View	Datacenter Clarity LC.BLDG...	Circuit Electrical 8	Building Automati...
	5929	10	Status	ReadyToBeReset	Device Failure	Quiet	Application View	Applications.Schedules.BAC...	Device AHU 01	Building Automati...
	5932	10	Status	ReadyToBeReset	Device Failure	Quiet	Application View	Applications.Schedules.BAC...	Device AHU 02	Building Automati...
	5933	10	Status	ReadyToBeReset	Device Failure	Quiet	Application View	Applications.Trends.Offline...	Device Chilled	Building Automati...
	5930	10	Status	ReadyToBeReset	Device Failure	Quiet	Management View	Project.Field Networks.Appo...	Device Data Center	Building Automati...
	5923	10	Status	ReadyToBeReset	Device Failure	Quiet	Management View	Project.Field Networks.Appo...	Device Electric	Building Automati...
	5925	10	Status	ReadyToBeReset	Device Failure	Quiet	Management View	Project.Field Networks.Appo...	Device Heating	Building Automati...
	5931	10	Status	ReadyToBeReset	Device Failure	Quiet	Application View	Applications.Trends.Offline...	Device Logic Points	Building Automati...
	5921	10	Status	ReadyToBeReset	Device Failure	Quiet	Management View	Project.Field Networks.Appo...	Device Room	Building Automati...
	5922	10	Status	ReadyToBeReset	Device Failure	Quiet	Management View	Project.Field Networks.Appo...	Device Water	Building Automati...
	5934	10	Status	ReadyToBeReset	Device Failure	Quiet	Application View	Applications.Trends.Offline...	Energy Day 01	Building Automati...
	7255	8	Low	Acked	High Limit (85.00 ...	Active	Logical View	Datacenter Clarity LC.BLDG...	Energy Day 01	Building Automati...
	5908	8	Low	Acked	High Limit (85.00 ...	Active	Logical View	Datacenter Clarity LC.BLDG...	Energy Day 07	Building Automati...

Datacenter Clarity LC view of the Desigo CC alarms

Automation and integration of cross-discipline processes with IDCMS

The integrated data center management suite (IDCMS) unites monitoring, reporting, and control of the entire infrastructure for energy and building management. This reduces complexity – and, as a result, potential human errors.

IDCMS links cooling and asset management from Desigo CC and Datacenter Clarity LC. This coordination occurs in real time and offers a precise overview of all relevant data, KPIs, and alarm notifications. So if temperature sensors

in the data center report a pre-alarm to Desigo CC, the location of the component causing the alarm will be displayed by Datacenter Clarity LC at the rack level, including a workflow to replace the damaged server. The service technician can then easily exchange the damaged component before a critical situation arises.

This integration of building management and data center management functionalities significantly increases the reliability of your facility and at the same simplifies maintenance processes.

Highlights

- Integration of Desigo CC and Datacenter Clarity LC lets you work with Desigo CC assets right in the DCIM solution
- Consolidated real-time event view and real-time alarms enable faster troubleshooting and significantly improved mean time to repair (MTTR)
- Real-time KPI monitoring and fully integrated 3D representation provide unparalleled visibility of all critical aspects of data center operation

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