

The background of the advertisement is a blurred image of server racks in a data center. Overlaid on this are several digital graphics: a green line graph with circular markers at the bottom left; a red line graph with circular markers on the right side; a green rectangular box in the center; and a red rectangular box at the bottom right. Binary code (0s and 1s) is scattered across the middle right area. Blue arrows point upwards on the right side, and a small network diagram is visible in the upper right.

**SIEMENS**

# Datacenter Clarity LC 4.0 What's new

Operate and manage your data center through  
a single pane of glass with Datacenter Clarity LC.  
[siemens.com/dcim](https://www.siemens.com/dcim)

## DATACENTER CLARITY LC 4.0

# What's New

Datacenter Clarity LC™\* manages your data center infrastructure accurately and efficiently. It provides a complete, real-time visualization of any asset in a 3D model and of asset attributes in 3D and powerful tools to determine the most efficient data center configuration possible.

Datacenter Clarity LC leverages state-of-the-art engineering software tools and puts them in the hands of data center decision-makers, allowing them to optimize energy consumption. Equipment placement is optimized as well, which increases the longevity and availability of the data center infrastructure.

### **Alarm Management redesigned**

The new web-based Alarm Management module has been completely redesigned and fully migrated from the rich client to the web client, including new functionalities such as a silence mode and a maintenance mode. The web-based application programming interface now covers the alarm management module to allow the integration with third-party systems.

Additionally, the performance of the alarm system has been significantly improved, allowing enterprise datacenters and colocations, with mission critical systems and strict Service Level Agreements (SLA), to benefit from lightning-fast alarm evaluations and notifications, enabling faster response times in case of events and ensuring maximum uptime.

### **Fractional In-rack Asset Management**

Create and place in-rack assets that are using a fraction of a u-space, both horizontally and vertically. Datacenter Clarity LC now helps you to:

- Get a 3D placement preview once the rack is selected.
- Drag and drop in-rack assets for intuitive placement.
- Snap in-rack assets to pre-configurable positions for easy alignment.
- Be warned of asset collisions or impossible scenarios.
- Report on fractional placement attributes.

The placement of multiple fractional in-rack assets is also possible through batch import.

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

### WebAPI Enhancement

Datacenter companies leverage multiples systems to collect, process and manipulate data from a variety of sources. Interconnectivity between ERP, ITSM, BMS, CSMS and DCIM is key for producing reliable data and automating business processes that otherwise would consume valuable resources.

The revised, intuitive web-based application programming interface helps to streamline integrations between these systems. Service order payload from third-party systems can now be made available to DCIM users to help prioritize and structure operations. These service orders are managed in the form of workflows that provide structure, validation and automation around provisioning, networking and decommissioning activities in the DCIM.

### Integration with ServiceNow

Configuration and service items can now be modeled directly into Datacenter Clarity LC to automate provisioning and decommissioning activities. The integration ties into the Datacenter Clarity LC forecasting and reservation module, which allows operators to consider equipment lifecycle, contract or project details, expiration date and predicted/planned de-commissioning date, giving a powerful overview of how capacity will evolve over time.

This automation also allows operators to anticipate utilization of key metrics, such as allocated power and cooling, as a function of planned activities and optimize utilization of data hall rack locations throughout the company real estate park.



#### Alarm Management

Redesigned to reduce operator response time

Create, modify, and configure of alarm instances and templates (ie. Silence mode, maintenance mode, custom colors and more



#### Asset Management

Gain greater precision and enhanced reporting with partitioned U-space; both horizontal and vertical

Drag, drop & snap-in rack assets for intuitive and pre-configurable placements



#### WebAPI

Integrate existing data sources for alleviating resources, improving workflows, and centralizing data

Reviewed to streamline integrations between ERP, ITSM, BMS, CSMS and DCIM



#### ServiceNow

Anticipate utilization of key metrics

Configuration and service items can now be modeled directly into Datacenter Clarity LC to automate provisioning and decommissioning

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We work together with customers and partners to create an ecosystem that intuitively responds to the needs of people and helps customers to better use resources.

It helps our customers to thrive, communities to progress and supports sustainable development.

Creating environments that care.  
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