

The background of the advertisement features a dark, blue-toned server room with multiple racks of server hardware. Overlaid on this are several digital and data-related graphics: a glowing green wireframe cube in the lower right, a red-to-orange gradient cube below it, and various abstract lines and points in green and orange. Binary code (0s and 1s) is scattered throughout the scene, and blue arrows point upwards from the server racks. The Siemens logo is positioned in the top right corner.

SIEMENS

Datacenter Clarity LC Data Center Infrastructure Management

Datacenter Clarity LC™ manages your data center infrastructure accurately and efficiently.
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DATACENTER CLARITY LC 4.0

Data Center Infrastructure Management

Datacenter Clarity LC™* manages your data center infrastructure accurately and efficiently. It provides a complete, real-time image 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.

Your benefits

- Improve collaboration across departments via a single source of truth
- Increase productivity of your staff with flexible, best-in-class workflow engine and process management
- Optimize capacity utilization of your assets with future-proof forecasting

Proven and secure DCIM solution

- Manage your facilities and your clients with a multi-site, multi-tenant infrastructure platform
- Access your data anywhere anytime to ensure uptime and address upcoming issues
- Single pane of glass with high-level dashboards for data center specific KPIs like PUE
- Native 3-D visualization of your data center infrastructure (Digital Twin)
- Real-time monitoring and reporting of any asset, thanks to more than 450 communication protocols natively supported, customizable dashboards, and 4D reports
- Asset lifecycle management through an extended vendor-neutral library and document affiliation
- Get rid of spread sheet files through accurate inventory management, capacity planning and forecasting
- Manage your power and network connections with real-time what-if scenarios
- Offline simulations of what-if scenarios with Computational Fluid Dynamics (CFD) to predict airflow and temperature distribution
- Open architecture, ready to connect third party applications through restful APIs

Unlimited Insight

Scale up your real-time monitoring infrastructure to achieve millions of data points with polling interval below the second. Get the information you need with the accuracy required to optimize available space, bandwidth and power consumption. By monitoring in real-time power connections, you can easily predict and correct shortages and problems at the source to maintain efficiency.

- Track all aspects with advanced analytic tools, easy 4D visualization and automated reporting
- Gain real-time insights about any asset and SLA compliance, such as power consumption, air quality, inlet air temperature distribution.
- Accelerate asset management and capacity planning
- Obtain the level of visibility needed to provide accurate and transparent services
- Segment asset visibility by user role and set permissions for detailed and specific customer reports

Expanded Forecasting

With an extended set of attributes, like equipment lifecycle, contract or project details, expiration date, and predicted/planned decommissioning date, Datacenter Clarity LC offers a comprehensive overview of capacity allocation over the time. That allows operators to maintain a superior operational oversight to forecast needs.

- Track sold power and revenue streams
- Identify available and sellable space
- Visualize and prepare for contract expiration
- Optimize capacity allocation for existing tenant
- Manage assets via remote web-based tool

Seamless Northbound Integration

Datacenter Clarity LC natively collects, processes, and store data from a variety of OT and IT sub-systems like BMS, EPMS and ITEs. As a data lake, the DCIM software can allow through an intuitive web-based API northbound connectivity with ERP, CMMS, and ITSM applications to get benefit of that gold mine.

- Automate business processes from third-party ITSM systems, including service orders for provisioning, commissioning and decommissioning tasks and workflows that provide structured and validated data.
- Share historical data such as sold space and power to enhance further analytics like Outlier Detection
- Automate bill-back reports based on customer consumption
- Simplify adoption of AI-driven applications like White Space Cooling Optimization, by sharing environmental data

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Smart Infrastructure intelligently connects energy systems, buildings and industries to adapt and evolve the way we live and work.

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.
[siemens.com/smart-infrastructure](https://www.siemens.com/smart-infrastructure)

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