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

Datacenter Clarity LC now includes add-on modules that offer Intel® Data Center Manager (DCM) and Intel KVM (keyboard-video-mouse) functionalities. The capability of Intel DCM for environmental asset and power monitoring, in conjunction with the new Intel DCM data center health management tools, can be leveraged alongside Datacenter Clarity LC 4-D and other best-in-class reporting functionalities.

Datcenter Clarity LC and Intel DCM

Integrating Datacenter Clarity LC and Intel DCM allows your enterprise to benefit from a centralized hub of precise, real-time data from both IT and data center assets.

The combination of Datacenter Clarity LC’s state-of-the-art 3-D visualization, real-time notification, and reporting tools with Intel DCM’s powerful monitoring capabilities brings new dimensions of insight into data center operations.

Pictured below: Sample Datacenter Clarity LC to Intel DCM workflow.

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

**Power management**
Bringing the real-time utilization data generated by Intel DCM—including CPU, disk and memory power usage—into the Datacenter Clarity LC interface allows for extensive and powerful cross-referencing between real-time power metrics and their effect on data center operations. This enables your organization to manage and optimize power usage.

- Automatically generated reports show real-time power data alongside other pre-selectable metrics.

**Real-time monitoring**
Intel DCM capabilities complement the extensive, diverse and versatile Datacenter Clarity LC monitoring tools to offer such benefits as:

- Device-level dashboards which report on any metric that you choose, from power consumption to temperature, while pivot-table and grouping functionalities enable well-informed and efficient decision making.
- The alarm viewer module in Datacenter Clarity LC which allows you to view and diagnose real-time events from the data center's Intel DCM-enabled assets.

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**Highlights**

- Leverage Datacenter Clarity LC’s intuitive 4-D reporting tools to gain insight into the operation of individual assets as well as the overall performance of the data center.
- Optimize data center energy efficiency by visualizing and managing additional key performance information.
- Increase your accuracy of reporting important environmental metrics by pulling data directly from the servers themselves.
- Identify underperforming equipment and ghost servers in an instant using Datacenter Clarity LC’s visuals and reports.