VISUAL DATA CENTER

Data Center Infrastructure Management (DCIM) Solution

Solution Overview

Visual Data Center collects and analyzes real time information from Facility and IT devices in your data centers, MDF, IDF, remote closet or other sites to aggregate and consolidate power, energy, cost, environmental and other key data sets to a common management platform. Interactive reporting and compelling 3D visualization features empower users to proactively manage their space, power and cooling resources by tracking capacity, utilization, trending, alarms and more.

Data Center **Challenges**

• **Capacity Planning.** Capacity and utilization metrics are vital to the proactive planning, budgeting and procurement of equipment to manage the data center. Without suitable capacity, utilization and trending data these sites are subject to the unavailability of key space, power and cooling resources.

• **Asset Management.** Install, move, decommission, port connect and port disconnect activities are actively utilizing the power, space and cooling resources of the data center. Random and untracked asset changes can lead to poor inventory control, increased time to issue resolution and prolonged data center or business service outages.

• **Energy & Cost Management.** Data centers are required to process an increasing load of equipment, applications and associated data. Visibility into the energy and costs incurred to run this infrastructure is critical for defining and implementing virtualization or asset replacement strategies.

• **Business Service Uptime.** The purpose of the data center is to drive business services and applications to the company end user population. Outages due to single points of failure, overdrawn power capacity or temperature issues imparts significant costs on the enterprise to overcome.

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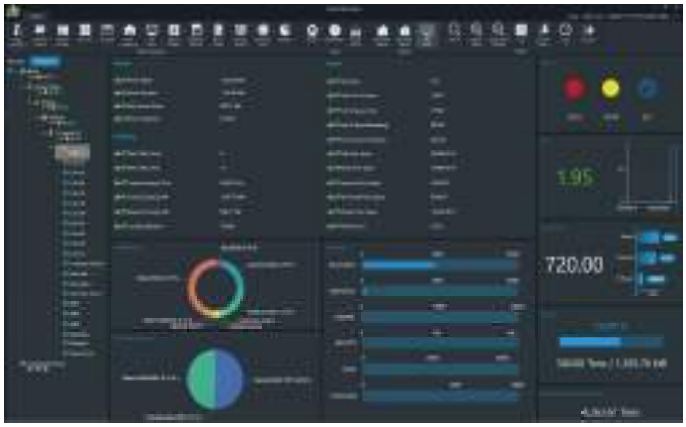
SOLUTION BENEFITS & DIFFERENTIATORS



Key Benefits

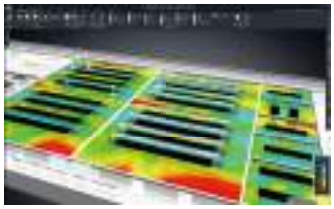
- **Physical Server, VM Server or Hosted Installation** options allow customers to find the best implementation model to fit their infrastructure needs.
- **Highly Scalable & Redundant** architecture accommodates the largest of global enterprise implementations.
- **Capacity Planning & Forecasting** for key space, power and cooling resources.
- **SNMP, Modbus, BACnet** and other protocol support for collecting data from a variety of facility and IT devices.
- **Proactive Alarming & Notifications** help avoid critical outages due to capacity, redundancy or environmental conditions.
- **Project, Task & Work Order** features to support regimented process of asset management for install, move, decommission and port connection activities.
- **Identify Stranded Capacity** with device level capacity utilization monitoring and alarming.
- **Over 23,000 Supported Models** in the product model library provides support for wide array of device types.

Optimum Path works hard with our customers to ensure the Visual Data Center software platform delivers on all aspects of the business and technical requirements of the user. A successful relationship with our customer is signified when the application is fully embedded into their daily operational process and they are able to truly realize the benefits and gains presented by the application. We realize the sale of the software is only the start of our partnership to help improve the asset management process and implementation of operational efficiencies into the day to day activity of the user base. With a broad range of Manage, Monitor & Workflow features, a highly scalable solution and a global support team and install base, Visual Data Center is uniquely positioned to provide key benefits to our customers in all corporate verticals around the world.

3D Asset Visualization

Port Mapping with Impact Analysis

Rack Building & IT Device Management



Environmental Monitoring with Thermal Views

Data Analytics & Microsoft Power BI Integration

Advanced Monitoring, Alarms & Notifications

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