

# PRODUCT SOLUTIONS BRIEF VERTIV

## DATA CENTER INFRASTRUCTURE MANAGEMENT



Through our strong global partnerships and alliances with manufacturers such as Vertiv, we are able to present you with the following offering to meet your specific data center requirements.

## **Trellis™ Dynamic Infrastructure Optimization Platform**

Vertiv is addressing the challenges of the data center with the Trellis dynamic infrastructure optimization platform. Unlike any other DCIM solution, the Trellis platform delivers unprecedented, real-time visibility into critical infrastructures and the impact of changes. With this unified and complete solution, you gain the power to visualize the real situation in your data center, make the right decision and take action with confidence.

## **CHALLENGE SOLVERS**

- Visualize all critical information and know the real situation (in real-time or historical trending).
- Leverage the Trellis platform's ability to analyze data center status information and deliver deep insight into the interplay between efficiency, availability and capacity to make well-grounded decisions.
- Take actions with confidence, immediately validate the effects and assess the impact on data center infrastructure.

## THE ANIXTER APPROACH

Five Senses of DCIM - Trellis addresses the following:

## Asset management

Implement a centralized asset management process with an easily maintainable database.

## • Environmental monitoring

Use temperature, humidity and pressure sensor technology to achieve conditional environmental control.

## • Power monitoring

Collect energy data at the facility, room and cabinet to create an intelligent power chain.

## • Change management

Integrate move, add and change activity with existing work order systems to automate the workflow process.

## Capacity planning

Use DCIM data to accurately forecast available power, cooling, network connectivity and space.

## THE VERTIV SOLUTION

## **INTELLIGENT HARDWARE**

PDUs Sensors

Management appliance

## **SOFTWARE OPTIONS**

Licensing Maintenance

## **SERVICE OPTIONS**

Installation Configuration Integration

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## WHAT WE HEAR

Challenges from the various data center stakeholders are:



**INTEGRATING** with business process



No technology **EVALUATION** tools



Supplier **INTEGRATION** competency



Interdepartmental CONFLICT



Cost of **IMPLEMENTATION** 





Infrastructure as a Platform by Anixter provides a comprehensive approach to defining data center infrastructure management (DCIM), which starts at the physical layer, by simplifying deployment and integration with your business processes.

## **CONFIGURE**

We help you discover and map your specific needs to the best solution.

- · Platform modules
- Software licensing
- Maintenance plan
- Implementation options

## BUNDLE

Your validated, preconfigured solutions are packaged and site ready.

- Avocent Universal Management Gateway
- MPH2<sup>TM</sup> managed rack PDU
- Environmental sensors
- UPS solutions

## **DEPLOY**

Controlled, repeatable solutions are delivered on time and under budget.

- Custom packaging and labeling
- Time-sensitive delivery options
- Staged project shipping
- Tailored last-mile delivery

## **VERTIV TRELLIS FEATURES**



## **ASSET MANAGEMENT**

- A single source for tracking inventory
- Real-time inventory of every asset's floor or rack position



## **POWER MONITORING**

- Comprehensive view into power system resource utilization and capacity
- Insight into the active power path, dependencies and status of each device

## **ENVIRONMENTAL MONITORING**

- Metrics that offer insight into how changes impact energy efficiency and costs
- Collecting and analysis of real-time data for monitoring environmental conditions



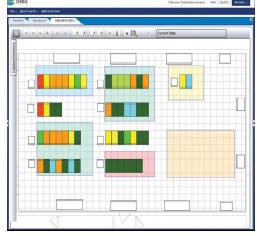
## **CHANGE MANAGEMENT**

- Trend analysis and "before and after" real-time loading data
- Modeling impact of proposed changes to reduce planning time



## **CAPACITY PLANNING**

- With automated processes that adjust power and cooling equipment to exploit hidden efficiencies
- Dynamic visualization and dashboards of status and capacity



Accurate and real-time visibility into data center operations



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