

Nominee: DCIM by FieldView Solutions, Inc.

Nomination title: FieldView DCIM

The FieldView solution provides data center managers with accurate, real-time views into all their critical systems, not only IT systems, but facilities as well. With this up-to-the-minute information, ranging from the individual circuit, motherboard or device, to a global view of the entire data center portfolio, individuals are now empowered to make well-informed decisions to help operate their facilities at peak efficiency. This information also enables users to deploy assets faster and optimize the equipment and space they already have, delaying or eliminating the need for expansion, while minimizing or eliminating downtime. Additionally, FieldView customers have reported significant energy savings – enjoying a quick return on their investment.

FieldView's key differentiators are as follows:

Energy Efficiency—Customers have reported energy savings of 10-25%, from having their real-time energy data at their fingertips. Monitoring is essential because if you can't measure it, you can't improve it. For example, many data center managers keep their facilities overly cool, for safety. With FieldView, a user has a real-time thermal heat map, a three dimensional representation of their data field. With this up-to-the-minute information, hot and cold spots are visible, and changes to configuration can be made to improve cooling efficiency. Plus the temperature in the room can be raised safely, saving on cooling costs.

Improved Capacity Planning—FieldView helps customers use space, energy and cooling to the maximum efficiency and delay or eliminate expansion costs. This can save hundreds of thousands, even millions of dollars, extending the useful life of a facility. Configuration changes are much faster, saving time, manpower and frustration.

Risk Mitigation—Users reduce the risk of catastrophic downtime from overloaded circuits/outages with pro-active alarming.

Scalability—FieldView handles some of the largest facilities in the world. Data centers for six of the top 10 banks, three of the five top technology providers, and 12 of the largest Co-Lo facilities in the U.S., Europe and Asia/Pacific. FieldView now monitors over 2.5 Gigawatts of power world-wide. The robust, differentiated architecture makes the FieldView platform almost infinitely scalable, flexible, and easy-to-use. Real time information available anytime, anywhere. We know of no other solution with this potential for scalability.

Independence—FieldView is as involved as customers want the service department to be. After just a little training with a platform expert, customers find it easy to perform adds,

deletes, moves and changes for themselves. This independence saves customers money with fewer service calls needed. But, if a user doesn't have the manpower, time or inclination to maintain the platform, we'll be happy to help. For customers, someone is available 24/7. FieldView is 100% browser-based, and runs via web pages.

“Talks” to just about any equipment – FieldView is a fully scalable, cross-platform application which can communicate with just about any intelligent device via MODBUS, SNMP, XML, OPC, SOAP, BACnet and many other protocols. FieldView also integrates data from BMS and power monitoring systems. Every critical point in the data center is monitored: IT equipment, mechanical devices, electrical components and plumbing systems. So that if a customer already has a monitoring system, it doesn't have to be removed or replaced, it's simply integrated into FieldView.

Alerts and Alarms – Alarms are defined using a single, central interface issued and kept in a permanent record. Because alert levels are customizable, they can be set to send proactive notifications, when equipment is nearing a pre-set limit, while there is still time to mitigate the issue before it becomes critical. Alerts can also be sent by e-mail, text or phone.

Information is real-time and historical – FieldView Provides users with real-time, actionable intelligence about all the critical systems in a data center. It gathers, organizes and integrates the information, and presents the data in an easy-to-read and understand dashboard. FieldView's unique algorithms normalize and aggregate disparate systems, rooms and locations. So IT, facilities, operations and executive management have the information they need. The information can be presented in a very high-level, zoomed out view, or drilled down to the location, floor, room, cabinet, right down to the individual circuit.

FieldView also collects and stores trending data over time, to help with future planning.

IT and facilities – FieldView has very strong support of facilities infrastructure in addition to all the IT devices – a distinct difference with many competitors that monitor servers, routers and racks only, and sometimes only their own equipment.

Co-location – FieldView was the first to have specific features for MTDCs, Multi-Tenant Data Centers. FieldView software equips Co-Lo clients to empower their sales teams by providing more accurate billing based on actual power consumed, while allowing the close monitoring of individual tenant usage. Reports on remaining physical capacity allow the sales team to keep track of up-to-the-minute availability. Each tenant can be given access to the information they need, without compromising the security of other tenants. FieldView's scalability means it can handle even the largest Multi-Tenant facilities, while its energy saving features allow power costs to be reduced, and management can pass these savings on to tenants adding extra value.

Why nominee should win

- FieldView's scalability is second to none, which is why it handles some of the largest data facilities in the world.
- This scalability, plus the specific FieldView features for co-location facilities, makes the solution uniquely qualified for use in MTDCs.
- FieldView's ability to help clients increase their energy efficiency is substantial and documented.
- Reduction of OpEx and CapEx are also documented.
- FieldView's ability to "speak" so many different languages brings all the information a manager needs into one easy-to-read and understand dashboard.