

Nominee: StruxureWare by Schneider Electric

Nomination title: Schneider Electric StruxureWare for Data Centers DCIM

StruxureWare for Data Centers is an integrated DCIM suite which is comprised of comprehensive nodules for data centre operations, control and management. Schneider Electric DCIM software applications enable businesses to prosper by managing their data centres across multiple domains, providing actionable intelligence for an ideal balance of high availability and peak efficiency throughout the entire data centre life cycle.

At the core of the StruxureWare for Data Centers suite is StruxureWare Data Center Operation, the physical infrastructure management application. Unlike other DCIM platforms, it provides an integrated dashboard that facilitates vendor neutral inventory management. What's more, this dashboard displays real-time device failures and data within the data centre physical infrastructure layout, as well as recommendations on how to resolve issues.

The ability to make such informed decisions from a “building-to-server” perspective can be multilayered with the addition of optional modules created to meet specific user requirements, including:

- Capacity: Simulation, planning, and optimization of infrastructure capacities to right-size the data center
- IT Optimize: Gain insight into IT power consumption and utilization to increase efficiency and decrease cost
- Change: Fully integrated workflow management for IT physical infrastructure
- Energy Efficiency: Intelligent power usage effectiveness (PUE) analytics at the subsystem level
- Energy Cost: Instant overview of rack energy usage
- Insight: Comprehensive tool for customizing report designs to visualize data
- Dashboard: Live overview of data centre operations using widgets and data sets
- Mobile: Wireless operation of your data centre allowing for real-time tracking of adds, moves, and changes
- VIZOR: On-the-go access for smartphone and tablet applications

At a control level, StruxureWare Data Center Expert provides a A vendor-neutral, scalable monitoring software which collects, organizes, and distributes critical alerts, surveillance

video and key information, providing a unified view of complex physical infrastructure environments from anywhere on the network

At a control level, StruxureWare Data Center Expert provides an efficient way for organizations to monitor their company-wide multi-vendor physical infrastructure: power, cooling, security, and environment. Real-time monitoring, user-defined reports and graphs, and instant fault notification and escalation enable quick assessment and resolution of critical infrastructure events that can adversely affect IT system availability. This centralized repository of critical information can be accessed by multiple users from anywhere on the network, creating a consolidated view of the physical data center infrastructure. This open and flexible architecture expands with changing business needs through additional device licenses, add-on surveillance, capacity management and change management modules, and through integration with enterprise and building management systems.

StruxureWare Power Monitoring Expert provides comprehensive electrical system intelligence for your data center. With deep insight into the operation of your electrical infrastructure, it ensures your infrastructure can operate at the design level of reliability while still minimizing energy costs and making the most of your current assets. StruxureWare applications allow you to add additional applications incrementally, while a 'plug and play' design ensures the applications will connect seamlessly.

StruxureWare Cooling Monitoring Expert is based on Schneider Electric industry-leading Building Automation systems, but tailored to the specific application of cooling system automation for facility HVAC experts and mechanical engineering teams.

Why nominee should win

- Schneider Electric have provided a comprehensive, market leading, DCIM suite
- The open system DCIM software uses open APIs allowing the application to utilise data from other software suppliers and devices
- Provides an intelligent infrastructure management system to solve issues including Multi-tenant, Virtualization, Energy Efficiency, Visibility and Transparency, Integration, IT Optimization
- Provides actionable intelligence for an ideal balance of high availability and peak efficiency throughout the entire data centre life cycle
- Enables integration with the equipment, devices and systems in the data centre and offers a single pane view of the entire infrastructure.