Nlyte Energy Connector for Cisco EnergyWise

DATA SHEET

OPTIMIZE YOUR CISCO INVESTMENT WITH REAL-TIME POWER METRICS

Imagine having a comprehensive view into the energy usage profile of all your data center assets. How much do you think you could save if assets in your data center would automatically power up or down based on real-time usage?

The Cisco Energy Management Suite (EnergyWise) includes software to help you measure and manage the energy use of all the connected devices across your distributed office and data center environment. It is designed to help you cut energy costs across your distributed office by 35% and gain 100% visibility into the energy use of every device in your data center.

The Nlyte Energy Connector for Cisco EnergyWise enables Nlyte users to capture all available Cisco EnergyWise *asset-level* and *outlet-level* energy consumption metrics to help you stay on top of your game.

With Nlyte Energy Connector, now you can capture:

- Real-time Power in kW
- Real-time Load in Amps
- Real-time Voltage in Volts

This data will then be displayed in overlay reports to support floor planner, cabinet and logical row view data visualization.

All data is also recorded within Nlyte Analytics for trending and reporting.

Cisco EnergyWise empowers you to implement best practices for energy management across the enterprise and realize savings not in months, but days. Our Nlyte Energy Connector for Cisco EnergyWise provides the quickest and most user-friendly conduit for you to capitalize on your existing Cisco investment with comprehensive real-time metrics.

Benefits:

- Leverage your existing ITSM/DCSM investment in the Cisco Energy Management Suite (EnergyWise)
- Associate real-time usage and utilization data with specific clients/tenants for accurate planning, allocation and billing
- Increased accuracy and better control of changes occurring on the data center floor
- Gain a federated view – one version of the truth for all power metrics
- Save money by avoiding buying costly intelligent PDU's or inlet power sensors
- Increase data center utilization by increasing rack density to maximize server count per rack in a fixed rack power envelop
- Lower risk of outages associated with load-induced dynamic energy performance
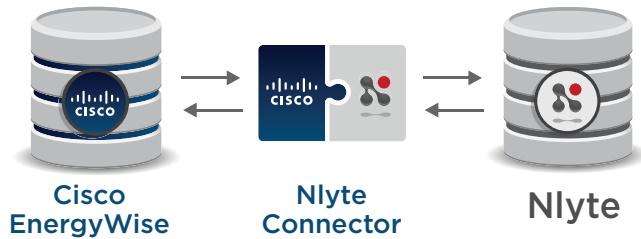- Reduce time required to conduct audits

Features:

- Real-time power data
- Plug-and-play integrations for power, sensors and any physical infrastructure components
- Pre-defined and user-defined dashboards providing state-of-the-art data visualization
- Comprehensive and robust device-level energy data dashboard provides actionable information at the macro or micro levels
- "What if" scenario simulations to guide higher level business decisions
- Robust workflow and policy management facilitating data center service management (DCSM) as critical component of larger ITSM solution
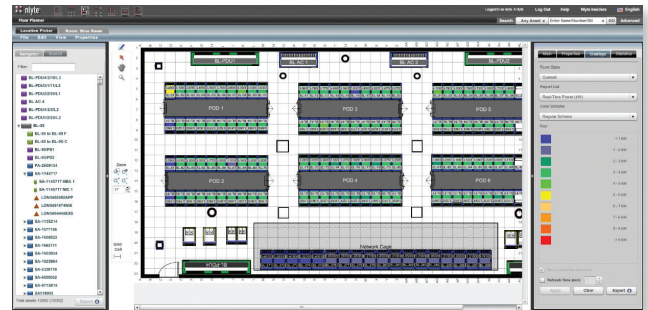- Historical trending

How it works:

Nlyte Energy Connector for Cisco EnergyWise is easy to deploy at any scale. Once installed, Nlyte collects power and other relevant metrics for power strips held in EnergyWise and writes them as real-time metrics against the matching server asset in Nlyte. Cisco works closely with major IT equipment manufacturers to continually increase the number of supported devices within your data center. The use of Cisco EnergyWise eliminates the need for complex device-specific configuration, setup or customization.
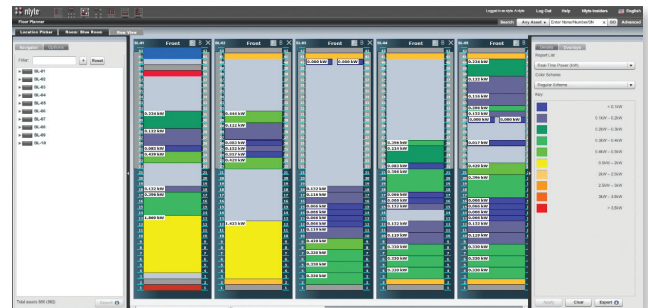
Cisco EnergyWise → **Nlyte Connector** → **Nlyte**

LET NLYTE AND CISCO DO THE HEAVY LIFTING FOR YOU AND STREAMLINE YOUR ENERGY MONITORING EFFORTS

The floor plan view allows you to quickly hone in on pods and units with unusual consumption patterns

The row view gives you an even more granular view into specific racks needing most attention

Prerequisites for Nlyte Energy Connector for Cisco EnergyWise:

- Cisco EnergyWise version 5.0.0 or higher
- Server running Nlyte connector requires EnergyWise API access
- Nlyte 7.8.244 or higher

FOR MORE INFORMATION
- Contact Us: **info@nlyte.com**
- Visit Us: **www.nlyte.com**

About Nlyte

Founded in 2004, Nlyte Software is recognized as the industry leading data center infrastructure management (**DCIM**) solution provider. Nlyte's DCIM provides unmatched functionality that supports all data center processes across the entire "dock to decom" lifecycle. With a 98% customer retention rate, Nlyte's DCIM solution is used by many of the world's largest and most sophisticated data centers, as well as many small and medium sized organizations. Customers can quickly deploy the Nlyte DCIM solution and begin to immediately enjoy reduced costs and increased efficiency across all data center processes. For more information, visit **www.nlyte.com** or follow **@nlyte** on Twitter.