NLYTE CONNECTOR

Nlyte Asset Optimizer Integration with HPE OneView

Nlyte Software

SOLUTION BRIEF

Optimize your HewkettPackard Enterprise OneView Investment with Real-Time Metrics and Analytics

Managing a data center environment is increasingly complex and can become unmanageable if not properly controlled. The key to effective management is visibility. Without visibility, there is no insight, and without insight, action cannot be taken.

HPE OneView automates the delivery and operations of IT services, transforming the everyday management of server, storage, and network resources in both physical and virtual environments.

The Nlyte Connector for HPE OneView takes this a step further. It bridges the gap between the modeled world and real-time operations, aligning server growth and optimization with data center constraints. With Nlyte, every aspect of your data center is meticulously managed, leaving no stone unturned.

- **Visualize** changes in data center infrastructure demands in real-time for each asset, rack, location and organizational group, enabling detailed forecast reporting and chargeback
- **Automate** the location management of assets down to the blade slots within a chassis, greatly reducing the risk of human errors while raising data accuracy for capacity management
- **Optimize** the data center and its racks by increasing the number of devices within a rack or chassis, continually monitoring and recording temperature, power, CPU readings

The Nlyte Connector for HPE OneView allows users to capture all available HPE OneView metrics to help you stay on top of your game. Specifically, you can now obtain

- Real-time Power in kW
- Real-time Temperature in Fahrenheit or Celsius
- Real-time CPU Utilization in percentage
- Real-time asset location
- Real-time blade positions within chassis

All data captured above will 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.

Our Nlyte Connector for HPE OneView provides the quickest and most user-friendly conduit for you to capitalize on your existing HPE investment with comprehensive real-time metrics.
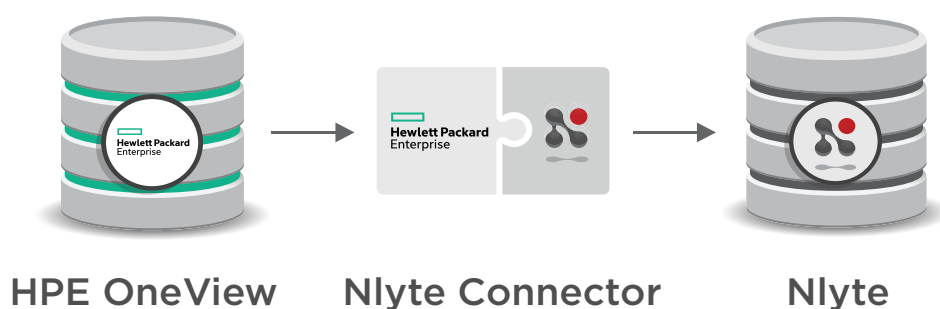
KEY BENEFITS

- Leverage your existing ITSM/DCSM investment in HPE OneView
- Lower risk of outages associated with load-induced dynamic energy performance
- Reduce time to conduct audits
- Enhance blade provisioning

FEATURES

- Real-time power and temperature data
- Plug-and-play integrations for power, sensors and any physical infrastructure components
- State-of-the-art data visualization
- Comprehensive and robust device-level energy data dashboard providing actionable information at the 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 of larger ITSM solution
- Automatic daily report

HOW IT WORKS

Nlyte Connector for HPE OneView is easy to deploy at any scale. Once installed, Nlyte data center service management will automatically monitor, record and report chassis utilization, power and thermal data for you from all supported IT equipment (e.g. servers, blade servers, PUDs and UPSs). The use of Nlyte Connector for HPE OneView eliminates the need for complex device-specific configuration, setup or customization.

HPE OneView → **Nlyte Connector** → **Nlyte**

Nlyte integration with HPE OneView synchronizes and extracts real-time data from HPE Oneview enclosures and servers

PREREQUISITES

- HPE OveView with REST API version 120 or higher
- Matching OneView Racks names to Nlyte counterparts
- Nlyte 14.100 or higher.

FOR MORE INFORMATION   About Nlyte

About Nlyte Software

Nlyte Software helps teams manage their hybrid infrastructure throughout their entire organization from desktops, networks, and servers to IoT devices – across facilities, data centers, co-location, edge, and the cloud. Using Nlyte's monitoring, management, inventory, workflow, and analytics capabilities, organizations can automate their hybrid infrastructure to reduce costs, improve uptime, and help comply with regulatory and organizational policies

Nlyte Software is a part of Carrier Global Corporation.

When you're ready to optimize your critical infrastructure, We're ready to help.

Nlyte® Software

1150 Roberts Boulevard, Kennesaw, Georgia 30144, United States of America
732-395-6920 • Fax 732-395-6930 | nlyte.com | A Carrier Company