

# Nlyte Asset Optimizer

## Your Single Source of Truth

Automate and Integrate Your Physical Compute Infrastructure

### PRODUCT OVERVIEW

Nlyte Asset Optimizer (NAO) is key to any Data Center Infrastructure Management (DCIM) solution. NAO is an open and scalable platform that provides automation and efficiency to asset lifecycle management, capacity planning, audit, and compliance tracking. NAO easily manages assets from receiving dock to decommissioning, globally or rack by rack. It simplifies space and energy planning and easily connects to ITSM and other BI applications.

Effective oversight and management of IT assets, resources, and processes is indispensable. NAO automates DCIM workflows and IT integrations. Many of the world's largest and most sophisticated data centers rely on Nlyte to manage all of their existing data center processes, resources, assets and interrelationships. As a result, they become more agile, reduce costs and operate more efficiently. Ultimately, Nlyte empowers CIO's and CTO's to turn their data centers from cost bearers into centers of excellence.

**Nlyte's core capabilities provide unmatched insight and visibility in near real-time**

“It never ceases to surprise me that there are major data centers in operation today that don't have a DCIM tool like Nlyte. With Nlyte and its advanced analytic capabilities, we have been able to gain control over our data centers. The ability to view, model and predict our data center power, cooling and space requirements in near real-time enables us to make the most effective use of our distributed estate.”

**Simon Brickett**  
*Head of Data Center Services,  
Computacenter*

### Nlyte Enterprise Use Cases



Asset Lifecycle Management



Audit & Compliance



Capacity Planning



Cost Savings & ROI



Migrations & Consolidations



Operational Efficiency



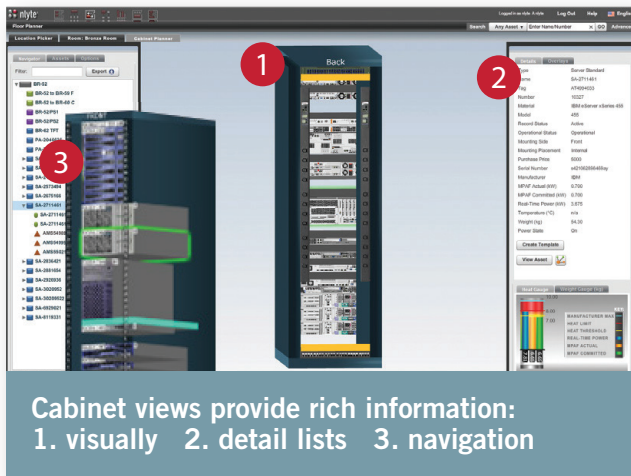
Tech Refresh

### Benefits

- Know what you have where to optimize end-to-end asset management
- Secure direct support for audit, regulatory and fiscal compliance
- Optimize the use of data center assets, space and energy
- Quantify and justify the cost associated with moving, adding or changing data center equipment
- Reduces the cost, time and risk of migrations and consolidations
- Optimize resources and personnel with measurable, repeatable intelligent processes
- Facilitate, simplify and accelerate tech refresh process by automating manual tasks

# Nlyte Asset Optimizer

## Asset Lifecycle Management (“Dock to Decomm”)



### KEY BENEFITS

- Real-time reporting on assets, per data center per customer mapping to each lifecycle stage, facilitating warranty renewals and maintenance contracts
- Real-time, accurate asset inventory audits for compliance and yearly maintenance reconciliation
- Ability to report using a charge-back model
- Immediate recognition upon asset arrival at your facility, thus avoiding spending on uninstalled assets

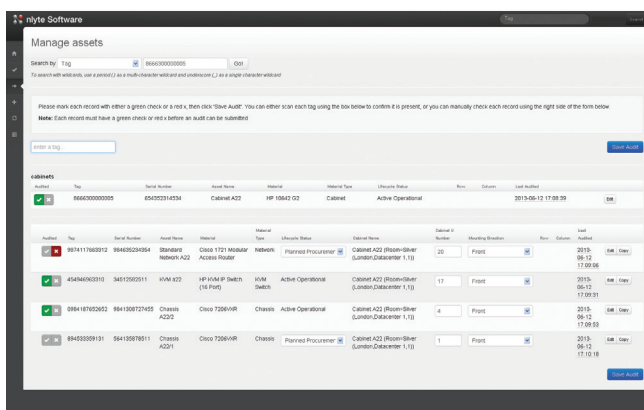
## Audit & Compliance



Nlyte Audit helps you manage your assets, confirming them in-situ.

### KEY BENEFITS

- Secure direct support for audit, regulatory and fiscal compliance
- HIPPA, SOX, Regulation SCI and DCOI compliant
- Capture change to the data center automatically to improve data accuracy and reliability
- Update the Nlyte Content Database asset information in real-time as changes occur
- Improve your financial management of IT assets by getting an accurate reflection of asset inventory



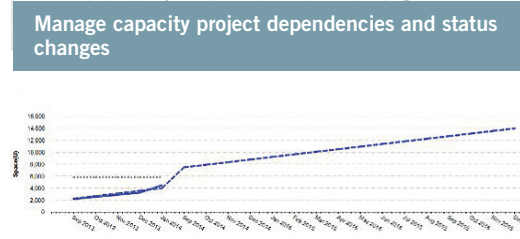
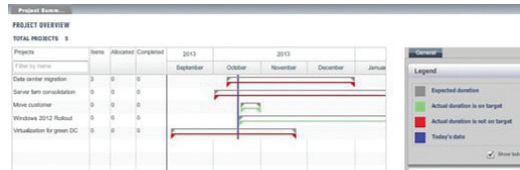
# Nlyte Asset Optimizer

## Capacity Planning



TOTAL REQUIRED U FOR MOVING ASSETS: 10 ☐ REQUIRED  
 TOTAL HEAT OF ASSETS MOVING (kW): 4.307 ☐ INCLUDED  
 TOTAL WEIGHT OF ASSETS MOVING (kg): 153.12 ☐ INCLUDED  
 CABINET USAGE: Available ☐ INCLUDED  
 MOUNTING TYPE: Rack 19 inch ☐ INCLUDED  
 KVM PROVISION: System DOES NOT require KVM ☐ INCLUDED  
 DIVERSE POWER: System DOES require Diverse Power ☐ INCLUDED  
 AIRFLOW TYPE: Front To Back ☐ EXCLUDED  
 COMPATIBLE NETWORKS: Check IP Address compatibility with Cabinet Network ☐ INCLUDED  
 CARD CONNECTIONS: System DOES NOT require patch panel connections ☐ INCLUDED

Detailed allocation criteria for precision in what-if scenarios (industry patented)



## KEY BENEFITS

- Improved capacity planning and project lifecycle management
- Proactive versus reactive data center management
- Accurate data center lifespan prediction-assess when you need additional capacity (and when you don't)

## Cost Savings & ROI



Quantify the cost associated with moving, adding or changing data center equipment Cisco deferred a \$20M data center build out and saved 7% on annual overhead



Optimize asset usage for denser more efficient power and space consumption Amadeus increased PUE saving E500 annually



Automate workflow management improving efficiencies inside and across groups Share rich metadata across business groups from a single source of truth Verizon reduced maintenance costs \$1M

## KEY BENEFITS

- Quantify the cost associated with moving, adding or changing data center equipment
- Obtain a full range of financial and operational metrics to measure and track improvements
- Justify DCIM investment and achieve ROI faster than ever

The diagram illustrates a central system (represented by a server rack icon) receiving data from multiple sources:

- Get asset data out of ad hoc solutions:** Includes icons for Microsoft Excel, Google Analytics, and a blue 'V' logo.
- Verify assets in receiving or @ rack-level:** Includes images of a smartphone and a tablet.
- Plan and build physical layout:** Includes a rack layout diagram showing server racks and their physical arrangement.
- Auto-reconcile assets in receiving or @ rack-level:** Includes a pie chart icon.
- Establish Asset Interrelationships, Ownership, Support:** Includes a screenshot of a software interface showing a list of assets with columns for Material Name, Material Type, and a list of assets.

- Reduce the cost, time and risk of migrations and consolidations
- Obtain easy capacity planning required to support moves and changes
- Establish pre-move baseline to measure success
- Visualize and model the entire process from start-to-end

The image is a composite of three screenshots from the nlyte software interface, illustrating its capabilities in process design, task management, and scheduling.

**Left Screenshot: Process Design**  
This view shows a drag-and-drop process design canvas. A central task box labeled 'Network Verify' is highlighted with a blue border and a '100' value. It is connected to other tasks in a flowchart, including 'Request Update' and 'Request Update Task'.

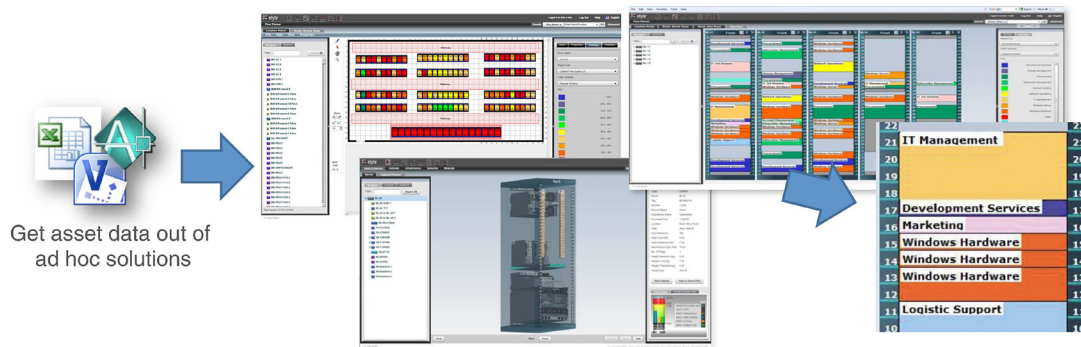
**Middle Screenshot: Call Log View - 1000**  
This window displays a list of tasks and a table of process form permissions. The task list includes 'Network Verify' and 'Network Update'. The permissions table lists various tasks and their associated permissions.

**Right Screenshot: VIEWING DATE**  
This view shows a calendar for February 2014. A heatmap displays task counts for each day, with colors ranging from green (low) to red (high). Below the calendar is a table of tasks with columns for 'Task', 'Type', 'Start date', and 'End date'.

- Optimize your resources and personnel with measurable, repeatable intelligent processes
- Make individuals more efficient by providing task focus and progress status
- Support cross-team assignment for tasks shared by multiple teams
- Extend the adoption of ITIL and COBIT into the data center without any additional development or services

# Nlyte Asset Optimizer

## Tech Refresh



## KEY BENEFITS

- Facilitate tech refresh process by automating manual tasks
- Improve flexibility to move workloads as needed via intelligent asset provisioning and workflow management
- Improve warranty and lease management to avoid paying “overtime”

## FOR MORE INFORMATION

- Contact Us: [info@nlyte.com](mailto:info@nlyte.com)
- Visit Us: [www.nlyte.com](http://www.nlyte.com)

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## 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](http://www.nlyte.com) or follow [@nlyte](https://twitter.com/nlyte) on Twitter.