# Nlyte System Utilization Monitoring (N-SUM)

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## Optimize System Utilization with Real-Time IT Asset Monitoring and Reporting

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## Overview

As data centers grow in scale and complexity, monitoring space, power, and cooling is no longer sufficient. Enterprises are increasingly focused on system utilization, often discovering that up to 20% of servers are "ghost servers" — consuming energy without delivering business value.

Nlyte System Utilization Monitoring (N-SUM) adds server utilization monitoring to your Nlyte system. N-SUM is a scalable solution that helps organizations understand utilization across the enterprise and down to individual assets, supporting DCOI (Data Center Optimization Initiative) compliance.

## Key Benefits

- **Comprehensive Oversight:** Monitors system utilization at global, location, and room levels.
- **Ghost Server Identification:** Detects underutilized and non-utilized servers to improve efficiency.
- **DCOI Compliance:** Supports DCOI Server Utilization tracking through integration with Nlyte Asset Optimizer
- **Operational Efficiency:** Enables direct navigation to specific rack-mounted IT assets.
- **Sustainability Support:** Helps reduce energy waste and align with green IT initiatives.

## Key Features

- **Dashboard Views:** Visualize server utilization from global to room-level perspectives.
- **Utilization Reporting:** Generate CPU utilization and connection reports to identify active, idle, and unreachable servers.
- **Asset Navigation:** NNavigate directly to asset and host cabinet pages within Nlyte Asset Optimizer.
- **Historical Trends:** Analyze historical usage patterns to support planning for growth and consolidation.
- **Real-Time Monitoring:** Provides continuous insight into system utilization across the IT stack.

## How It Works

NSUM is a licensable Nlyte module that provides a unified view of server utilization to provide a unified view of server utilization. It collects and displays CPU metrics, enabling data center managers to:

- Identify inefficiencies
- Eliminate waste
- Increase uptime
- Meet or exceed SLA objectives

By combining real-time and historical data, N-SUM empowers infrastructure teams to make informed decisions that drive operational excellence.
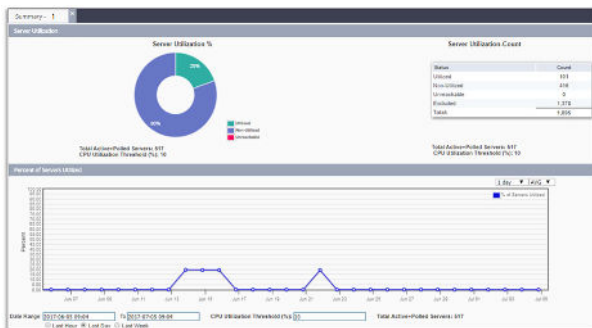
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## Use Cases

**Data Center Optimization:** Identify and decommission ghost servers.

**Capacity Planning:** Use historical trends to forecast future needs.
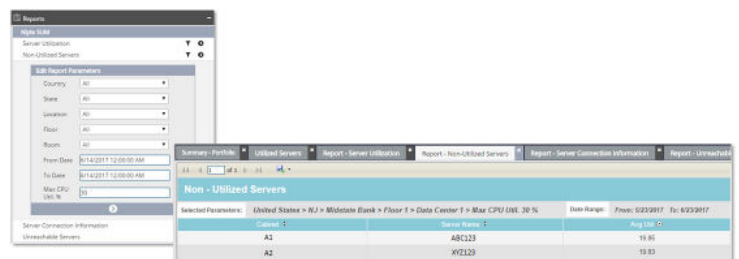
**Compliance Monitoring:** Track and report on DCOI utilization metrics.

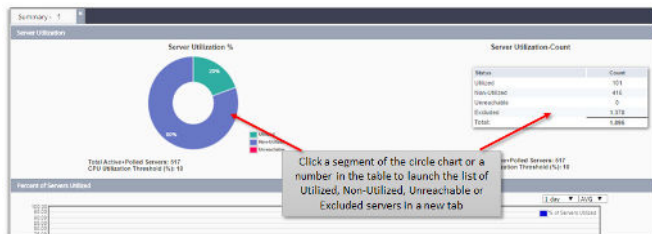**Sustainability Initiatives:** Reduce energy consumption and carbon footprint.

Nlyte System Utilization Monitoring is not just a feature — it is a necessity for modern data centers. By integrating real-time and historical server utilization data into a single platform, N-SUM enables smarter, more sustainable, and more efficient data center operations.



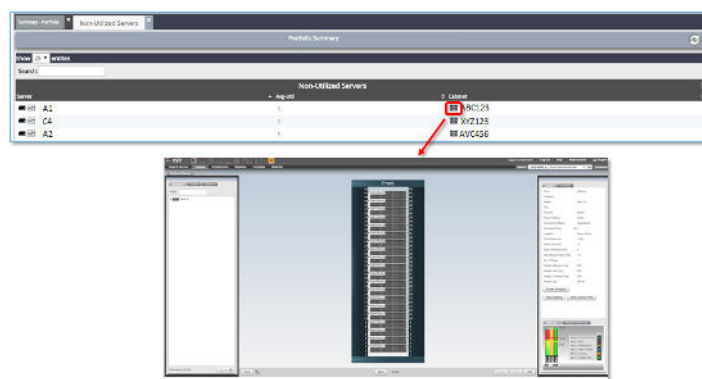*Nlyte System Utilization Monitoring standard dashboard*



*Nlyte System Utilization Monitoring standard reports*



*Generating the servers list*



*Initiating the historical trend chart*



*Launching Cabinet Planner in Nlyte Enterprise Edition via Nlyte System Utilization Monitoring cabinet icon*

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When you're ready to
take your data center
to the next level of
operational excellence,
we're ready to help.

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SPRING 2025 — Grid Leader — MID-MARKET

SPRING 2025 — Grid Leader

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

**Automated Logic d.b.a. Nlyte Software is a part of Carrier Global Corporation.**

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