

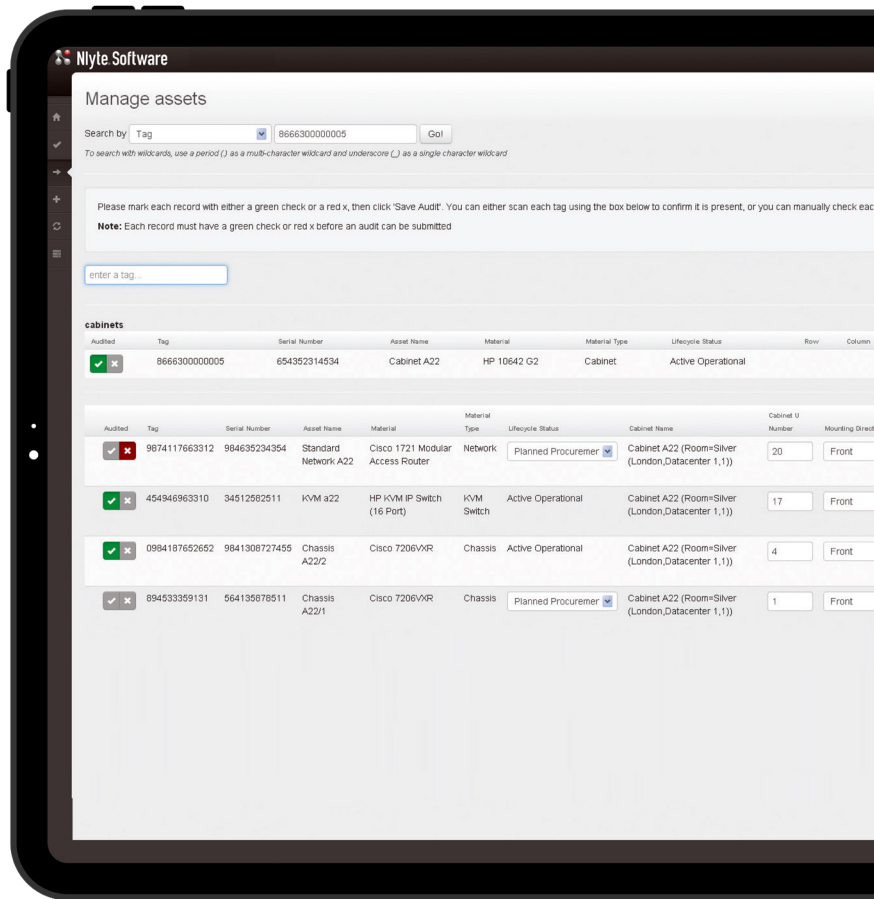
NLYTE[®] ASSET AUDIT

A ROBUST, PORTABLE ASSET AUDIT SOLUTION

MAINTAINING ACCURACY IN DATA CENTER INVENTORY MANAGEMENT

Any common data center experiences significant changes due to required remediation, refresh, and reconfiguration tasks. To accurately reflect the data center, it's crucial to maintain extreme discipline surrounding workflows and change orders in the Nlyte Content Database (CDB). However, any changes outside of defined best practices can result in untracked and unmanaged changes, highlighting the importance of regularly auditing the DCIM-managed environment. Similar to inventory management systems that rely on checks and balances, it's not unusual to discover 20% or more new assets during a proper audit than what is recorded.¹

The operational challenge is whether there is an easily repeatable auditing front-end process to manage the production asset repository. For the majority of companies, the answer is "no." Existing barcode systems and handheld scanners are typically not well integrated into other management systems and become another island of knowledge that is not actionable. Manual entry poses even more challenges and can introduce new errors to the Content Database (CDB). However, any changes outside of defined best practices can result in untracked and unmanaged changes, highlighting the importance of regularly auditing the DCIM-managed environment. Similar to inventory management systems that rely on checks and balances, it's not unusual to discover 20% or more new assets during a proper audit than what is recorded.



¹ Nlyte finds on average 21% more assets in their clients' data centers than they had on record pre-audit.

MANAGE CHANGES WHERE THE CHANGES OCCUR WITH NLYTE AUDIT

Nlyte Audit provides a user-friendly solution for portable auditing of cabinets and IT devices, addressing the challenges faced in maintaining accuracy in data center inventory management. By capturing changes at the location of change itself, Nlyte Audit significantly reduces the time required to install equipment and improves data accuracy and reliability. Built from insights gained through thousands of person-hours of auditing experience, Nlyte Audit can be used with an inexpensive handheld barcode scanner in conjunction with a tablet. With Nlyte Audit, a user can quickly scan an asset tag, confirm its information, or add it to the Nlyte Content Database online (or offline with the ability to sync). When a new asset is added, a user can choose from a pick list of Nlyte parameters (typically only 13), such as material type, slot row, and U number, and then scan the serial number - making the process quick and straightforward. Nlyte Audit enables you to manage changes where the changes occur.

KEY FEATURES AND BENEFITS

- **Barcode-enabled** quick audit to scan-in data avoids manual entry, reduces human error, and saves time
- **Streamlined modern UI** purpose-built for tablet devices
- **Fast and easy to navigate**
- **Security and Logging** - who's done what
- **Validate audit data real-time** for Assets, Cabinets, and Chassis
- **Reporting** built in
- **Extending the Nlyte functionality** into your data center using inventory tools
- **Regain lost productivity** previously spent looking for assets
- **Avoid data issues** that can arise with other auditing systems
- **Significantly reduce the time** to install equipment
- **Capture changes to the data center** in a user-friendly manner that improves data accuracy and reliability
- **Update the Nlyte Content Database** asset information in real time as changes occur
- **Improve the financial management** of your IT assets by getting an accurate reflection of your asset inventory

PREREQUISITES

- Nlyte 12.5 or newer (P/N: NLYTE-CORE)
- iPad2 or newer with retina (32GB) or Nexus 10 (32GB) or newer with any of the following browsers
 - Google Chrome™
 - Apple® Safari®
 - Mozilla® Firefox® (offline mode requires HTML5 WebSQL add-on)
- Bluetooth-enabled Barcode scanning device

POPULAR NLYTE CONNECTORS

Nlyte for CMDB Integration – Nlyte ties into a number of CMDBs to synchronize data center physical asset information with your database. The user conducts an initial load, reconciles the information and synchronizes it going forward. Asset information can be shared bi-directionally or uni-directionally. This way, your people are dealing with the most up-to-date information while they are doing their jobs.

Nlyte for Change Management – Here as well, Nlyte integrates with a great variety of change management systems. Readily incorporate change management process systems directly into Nlyte user-defined workflows. Relay each of the change management request types and trigger the next process in the workflow based on any of the out-of-the-box or user-defined statuses.

Nlyte for Virtualization – Connect the virtual to the physical. Automatically discover and monitor each hypervisor's virtual machines with a single view across all physical and virtual devices. Application relationship changes are automatically updated for each hypervisor.

Nlyte Receiving – Works seamlessly with Nlyte Platinum. Simply scan and verify an asset right at goods receiving, initiating the next workflow step for accurate, well-controlled asset lifecycle management. Get your assets added, running, and making money for you as fast as possible.

Nlyte Audit – This module reduces the time to install equipment, capturing changes and improving data accuracy – at the location of the change. It's built with insights from thousands of auditing person-hours experience using any combination of a handheld barcode scanner with a tablet. Users can scan an asset tag, confirm its information or add it to the Nlyte Content Database.

Nlyte System Utilization Monitoring (NSUM) – NSUM can actually stand on its own. We call this one the Zombie Killer. NSUM provides real-time system monitoring to help you identify underutilized devices that are wasting energy, out of compliance, or unreachable. It raises server utilization rates and supports DCOI server utilization objectives.

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

Nlyte Software is a part of Carrier Global Corporation, the leading global provider of healthy, safe, sustainable and intelligent building and cold chain solutions. For more information, visit Nlyte.com or follow [Nlyte on LinkedIn](#).