

Optimize your Critical Infrastructure

NLYTE
Audit and Data Load

Trusted Data. Confident Decisions. Lasting Value.

Nlyte Software

SOLUTION BRIEF

Nlyte Audit and Data Load helps organizations establish and maintain an accurate, trusted view of their data center assets in Nlyte Asset Optimizer. Nlyte specialists physically audit infrastructure, validate and normalize the results, and load approved data into Nlyte, creating a reliable operational baseline for both new and existing locations.

Protect the Integrity of Your Asset Data

Accurate asset data supports capacity planning, lifecycle management, compliance, financial control and day-to-day operations. As environments change, gaps between the physical estate and the system of record can introduce avoidable risk, reduce confidence in reporting and slow operational decisions.

Nlyte brings field expertise, structured audit methods and product knowledge together to help your organization:

- Create a verified baseline for a new Nlyte deployment or a newly added location
- Reconcile existing Nlyte Asset Optimizer records with the physical environment
- Apply asset tags and capture agreed asset attributes consistently
- Normalize, validate and load approved data into Nlyte Asset Optimizer
- Identify exceptions, missing assets and infrastructure conditions that require attention
- Support an ongoing audit cadence that keeps asset information aligned over time

A trusted system of record starts with verified data and continues with disciplined, repeatable governance.



A Structured Path from Physical Audit to Trusted Nlyte Data

Each engagement is scoped around the customer's locations, asset population, operating requirements and desired outcomes. Nlyte coordinates the project from preparation through audit, reconciliation, data load and handover.

1
Plan
Confirm scope, locations, asset types, access, schedules and data requirements.

2
Audit
Capture agreed asset and rack information, with optional asset tagging.

3
Validate
Review, clean, normalize and reconcile captured data and exceptions.

4
Load
Populate new records or update existing Nlyte Asset Optimizer data.

5
Handover
Provide completion reporting and an agreed framework for ongoing accuracy.

Flexible Audit Options

Nlyte-led audit and reconciliation

Nlyte performs the physical audit, validates the findings and loads the approved results into Nlyte Asset Optimizer.

- Ideal for net-new deployments, new locations and full reconciliations
- Nlyte can supply and apply asset tags as part of the agreed scope
- Specialists manage data normalization, exceptions and final upload

Audit Module-enabled engagement

Where the customer owns the Nlyte Audit Module, the module can support a structured audit and update process using Nlyte data and workflows.

- Supports scanning and verification against existing records
- Can incorporate Nlyte-provided asset tags
- Provides a repeatable foundation for future audit cycles



What the Audit Can Capture

Assets

Type, manufacturer, model, serial number, host name, orientation, rack and U position, plus other agreed fields.

Racks and spaces

Rack make, dimensions, capacity, shelves, drawers, cage layout and agreed room-plan details.

Condition and exceptions

Decommissioned or spare equipment, missing records, labelling exceptions and agreed cage or rack observations.

From Verified Inventory to Operational Value

Following the physical audit, Nlyte reviews the captured information, resolves discrepancies where possible and prepares approved data for loading. For a new deployment or location, this creates the initial asset baseline. For an existing location, Nlyte reconciles records and updates Nlyte Asset Optimizer with the agreed correct information.

Quality Built into Every Stage

Pre-audit preparation: Nlyte establishes the project plan, audit documentation, naming conventions, device identification guidance and available baseline data.

Controlled field execution: Trained personnel follow a consistent capture process, apply validation rules and document exceptions while respecting site operating procedures.

Reconciliation and data quality: Captured records are checked for naming, syntax and model consistency, compared with expected counts and reviewed for unresolved variances.

Approved data load: Nlyte loads the final data set into Nlyte Asset Optimizer and provides a handover report covering completed locations and record status.



Data Integrity Is an Ongoing Discipline

Infrastructure changes continuously as equipment is installed, moved, upgraded and retired. A validated baseline delivers immediate value, while a recurring audit and reconciliation cadence helps preserve that value. Nlyte can support periodic or event-driven audits aligned with each organization's operating model, industry obligations and change profile.

TRUST Greater confidence in asset records	CONTROL Clearer visibility of changes and exceptions	**DECISIONS** Stronger planning and reporting inputs	**CONTINUITY** **A repeatable approach to ongoing accuracy**

Nlyte can apply defined quality controls and accuracy targets, supported by baseline mapping, validation rules, exception management and reconciliation reporting.

Make Asset Data a Dependable Operational Foundation

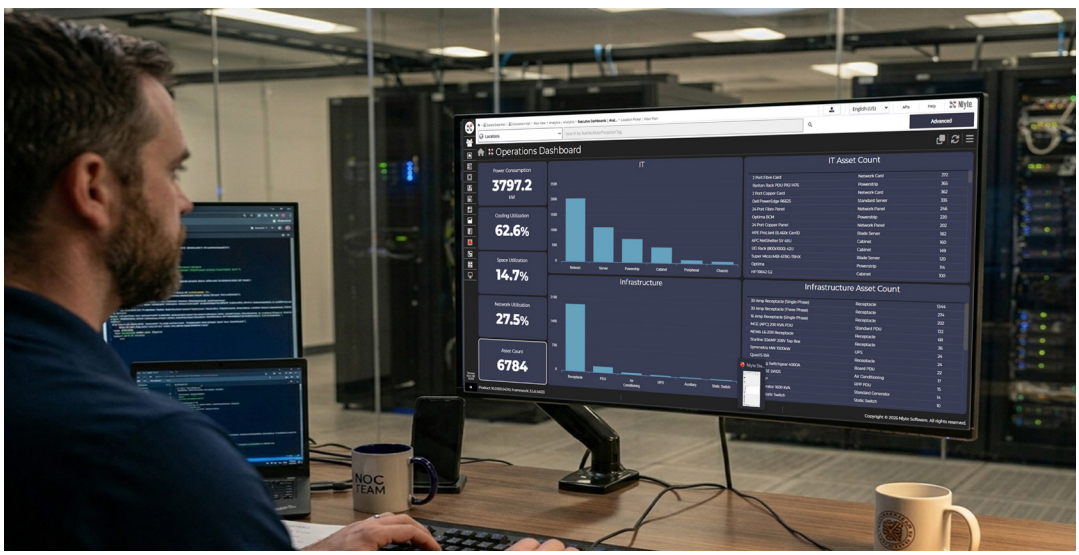
Work with Nlyte specialists to establish a verified asset baseline, reconcile existing records and create a sustainable approach to data integrity across your Nlyte Asset Optimizer environment.

Typical Deliverables

- Project plan, audit methodology and agreed data requirements
- Physical audit and optional asset tagging for in-scope locations and assets
- Validated and normalized inventory data with documented exceptions
- Room plans or layout updates where included in scope
- Approved data load into Nlyte Asset Optimizer
- Data load handover report and recommendations for ongoing audit cycles

Speak to Nlyte about Audit and Data Load

Contact your Nlyte representative to discuss your locations, asset population and data integrity requirements.
nlyte.com



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.

