NLYTE® PLATINUM

COMPREHENSIVE DATA CENTER

INFRASTRUCTURE MANAGEMENT SOLUTION

Nlyte Software

SOLUTION BRIEF

Your organization's computing infrastructure is a crucial component that powers its operations. To optimize efficiency and enhance security and reliability, leveraging data centers, colocation services, managed service providers, and edge computing technologies is essential. Doing so can prevent negative publicity and protect your organization's reputation. With Nlyte Platinum, you can implement a comprehensive data center infrastructure management (DCIM) solution that covers every aspect of the asset lifecycle. This includes automating the management of resources, people, and processes. Nlyte Platinum combines Nlyte Asset Optimizer's asset and process management capabilities with Nlyte Energy Optimizer's power and environmental monitoring functions, enabling you to ensure the efficiency, reliability, and security of your organization's most valuable assets.

THE NLYTE ADVANTAGE

- **Flexible –** scaleable up or down according to your needs
- **Agnostic –** Compatible with many vendors and protocols
- **Open –** Offers an open, integrated platform that includes connectors and APIs

VALUABLE FUNCTIONALITY

Nlyte Platinum offers comprehensive functionality designed to optimize data center operations.

- **Workflow Automation –** Enable process definition and improvement tracking/efficiencies
- **Capacity Planning –** Understand who is using what, reserving space/power/cooling
- **Change Management –** Identify underused assets and security threats
- **Identification –** Manage connected dependencies to manage changes/ maintenance
- **Outage prevention –** Avoid oversubscription of power resources
- **Audit –** Conduct a physical audit to support compliance
- **Holistic end-to-end view –** Gain a comprehensive perspective of equipment such as generators/chillers, racks, colocations, to Edge compute infrastructure

KEY FEATURES AND BENEFITS

- **Enhance efficiency and cut expenses** by automating data center assets, resources, systems, processes, and personnel management.

- **Streamline asset lifecycle management** from acquisition to decommissioning, minimizing energy consumption and staff time.

- **Obtain comprehensive knowledge** of asset location, resource usage, system dependencies, ownership, and maintenance costs.

- **Integrate Nlyte Platinum Edition with virtualization and ITSM systems** using Nlyte connectors for improved planning, issue prevention, and system forensics.

- **Boost productivity across all teams involved in data center operations** by maintaining accurate and up-to-date information and expediting compliance and audit processes.

IT BENEFITS

- **Automate workflow** to improve agility and reduce resource overhead.

- **Quickly meet** audit, regulatory, and fiscal compliance reporting.

- **Optimize the use** of data center assets, space, and energy.

- **Centralize workflow** process management and communication with ITSM connectors.

- **Deliver a single source of truth** regarding assets and configurations for BI and CMDBs.

- **Quantify and justify the cost** associated with data center moves and tech refresh.

- **Reduce cost, time, and risk** of migrations and consolidations.

FACILITIES BENEFITS

- **Proactively ensure uptime and redundancy** with failure simulations.

- **Operate power and cooling** at optimum efficiency.

- **Find and eliminate inefficient resources**, confidently raising data center temperatures.

- **Reduce energy footprint** while minimizing cost and tracking key metrics.

- **Enable facility and IT collaboration** improving speed and agility.

- **Provide insight to validate SLAs** for tenants/customers.

- **Achieve accurate operations and costing** of power and environmental info to ITSM systems.
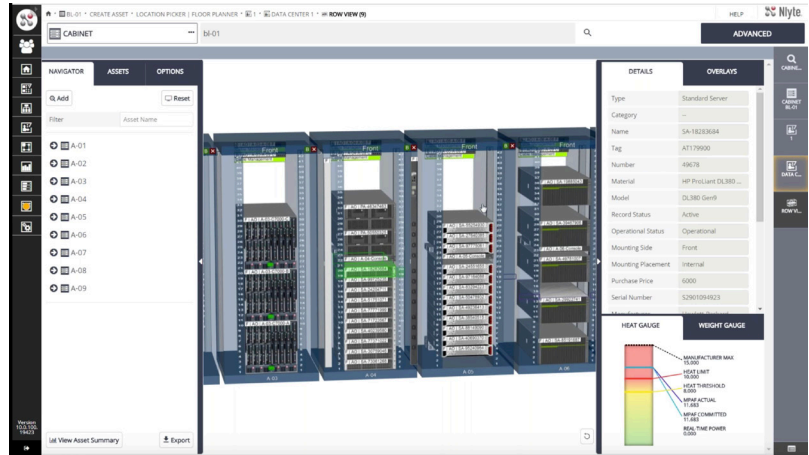
BUSINESS BENEFITS

- **Increase efficiency and reduce costs** through automated management of all your compute infrastructure assets, resources, systems, processes, and staff.

- **Manage the lifecycle of assets –** "dock to decommissioning," minimizing energy and personnel resources.

- **Gain insight** into asset location, resources consumed, systems interdependencies, business group ownership, and associated maintenance.

- **Connect into Business and IT systems,** improving speed and agility for planning, problem prevention, and system issue forensics.
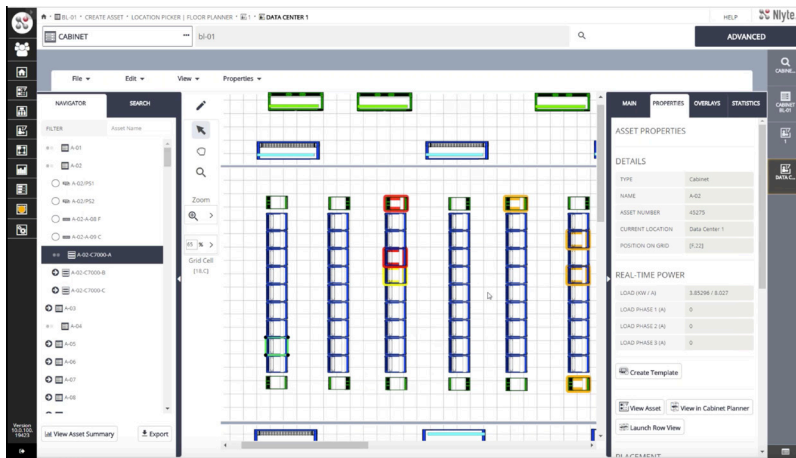
CABINET PLANNER

Cabinet Planner is an innovative solution to streamline data center operations by offering comprehensive asset management and planning capabilities. The platform focuses on enhancing efficiency, reducing costs, and simplifying the entire asset lifecycle from acquisition to decommissioning. Providing complete visibility into asset location, resource consumption, system dependencies, and maintenance costs enables informed decision-making for optimal resource allocation. Integrated with virtualization and ITSM systems, Nlyte Platinum Cabinet Planner offers improved planning, problem prevention, and system forensics. By ensuring accurate and up-to-date information, the solution facilitates smoother collaboration among teams and accelerates compliance and audit processes.
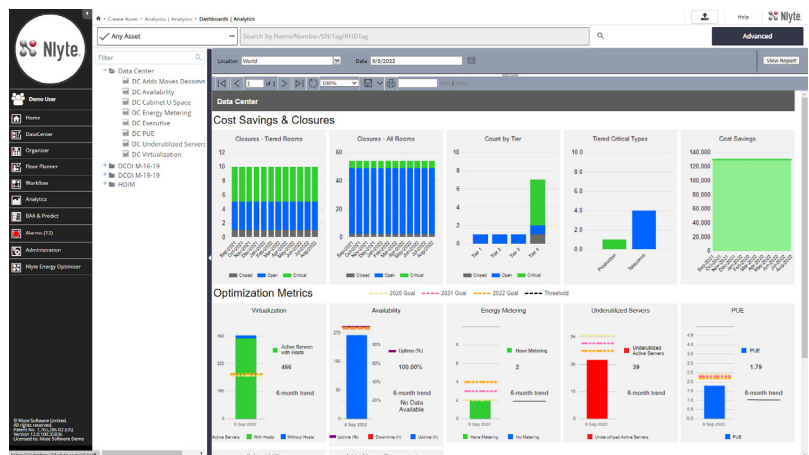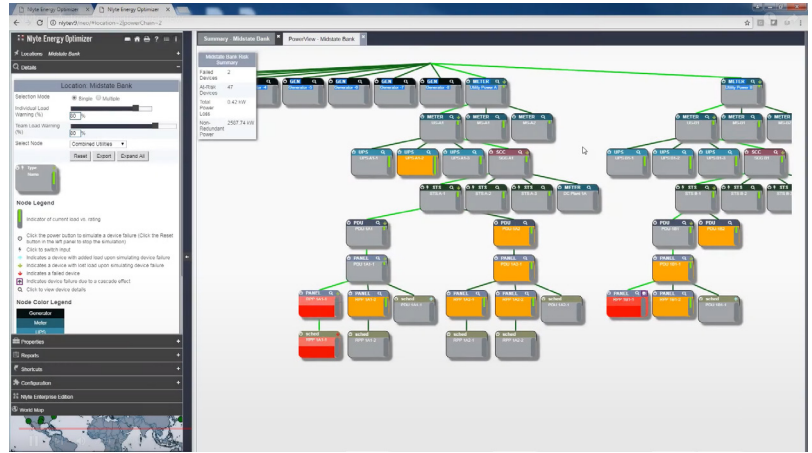
FLOOR PLANNER

Floor Planner is a cutting-edge solution that offers extensive floor planning and asset optimization capabilities to improve data center management. The platform aims to maximize efficiency, minimize costs, and simplify the management of data center floor space. It provides a comprehensive overview of asset placement, power distribution, cooling requirements, and capacity planning, allowing for informed decisions regarding optimal floor layouts. Integrated with virtualization and ITSM systems, Nlyte Platinum Floor Planner offers advanced planning, problem prevention, and system forensics. The solution ensures seamless collaboration among teams by maintaining accurate and current information. It expedites compliance and audit processes, leading to a more efficient and well-organized data center environment.
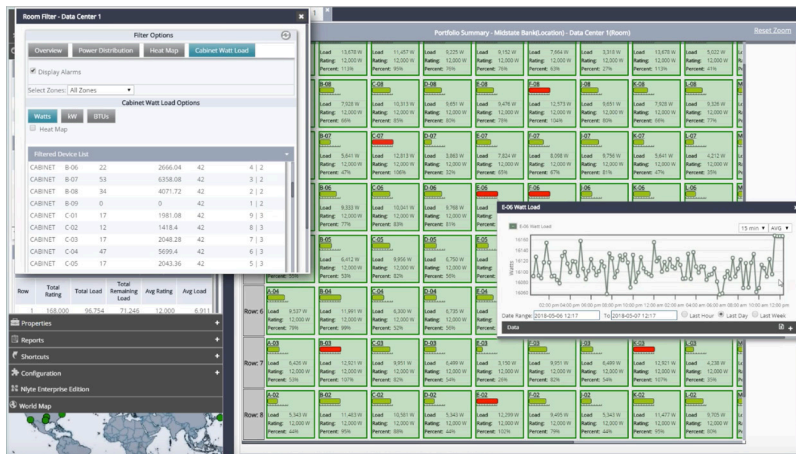
COST MANAGEMENT

Cost Management is a powerful solution to optimize data center operations by providing real-time asset reporting for precise expense allocation. The platform enables organizations to effectively manage costs by delivering comprehensive and up-to-date information on asset location, resource consumption, and maintenance expenses. Through its real-time reporting capabilities, Nlyte Platinum ensures that financial resources are allocated accurately and efficiently. Integrating virtualization and ITSM systems offers enhanced planning, problem prevention, and system forensics. Ultimately, Nlyte Asset Optimizer Cost Management streamlines collaboration among teams, accelerates compliance and audit processes and promotes a more cost-effective data center environment.

POWER MANAGEMENT

Nlyte Platinum includes an advanced power management solution to enhance data center energy efficiency and reduce operational costs. The platform optimizes energy consumption by providing real-time monitoring and control of data center power infrastructure, including power distribution, cooling systems, and environmental conditions. Nlyte Energy Optimizer enables informed decision-making for efficient power management and capacity planning, ensuring optimal utilization of energy resources. Integrating virtualization and ITSM systems offers improved planning, issue prevention, and system forensics. With its comprehensive approach to power management, Nlyte Platinum promotes collaboration among teams and streamlines compliance and audit processes. It ultimately leads to a more energy-efficient and cost-effective data center environment.
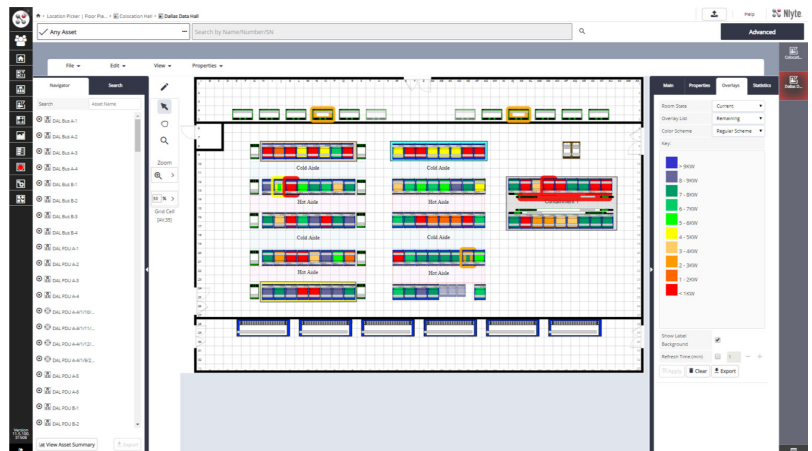
ENERGY CAPACITY PLANNER

Nlyte Capacity Planner is a state-of-the-art solution to improve data center performance by providing comprehensive energy capacity planning and resource optimization capabilities. The platform emphasizes maximizing data center energy efficiency by delivering in-depth insights into power distribution, cooling systems, and environmental conditions. Nlyte Energy Capacity Planner enables organizations to make informed decisions regarding energy management, capacity allocation, and future expansion, ensuring optimal utilization of energy resources and avoiding expensive overprovisioning. Seamlessly integrated with virtualization and ITSM systems, the solution offers enhanced planning, problem prevention, and system forensics. By streamlining energy capacity planning, Nlyte Platinum Capacity Planner promotes team collaboration, accelerates compliance and audit processes, and leads to a more energy-efficient and cost-effective data center environment.
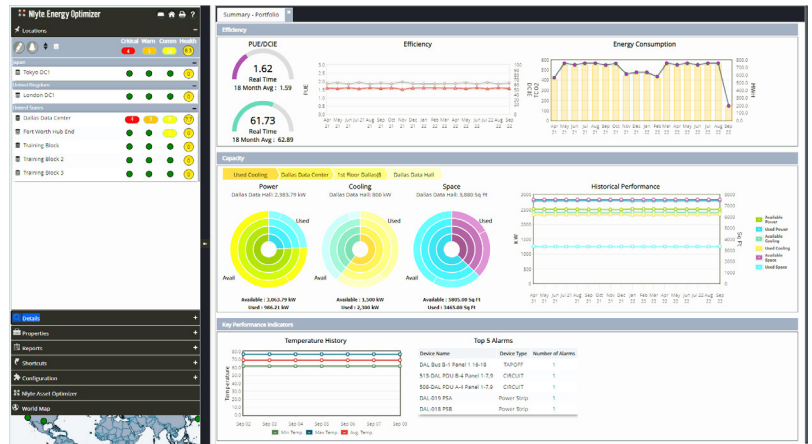
COOLING CAPACITY PLANNER

Nlyte Cooling Capacity Planner is a cutting-edge solution that optimizes data center performance by offering advanced cooling capacity planning and resource management capabilities. The platform emphasizes maximizing data center cooling efficiency by providing detailed insights into cooling systems, power distribution, and environmental conditions. Nlyte Cooling Capacity Planner enables organizations to make informed decisions regarding cooling management, capacity allocation, and future expansion, ensuring the optimal utilization of cooling resources and preventing costly overcooling or overheating issues. Integrated with virtualization and ITSM systems, the solution delivers improved planning, problem prevention, and system forensics. By streamlining cooling capacity planning, Nlyte Cooling Capacity Planner fosters team collaboration expedites compliance and audit processes, and contributes to a more energy-efficient and cost-effective data center environment.
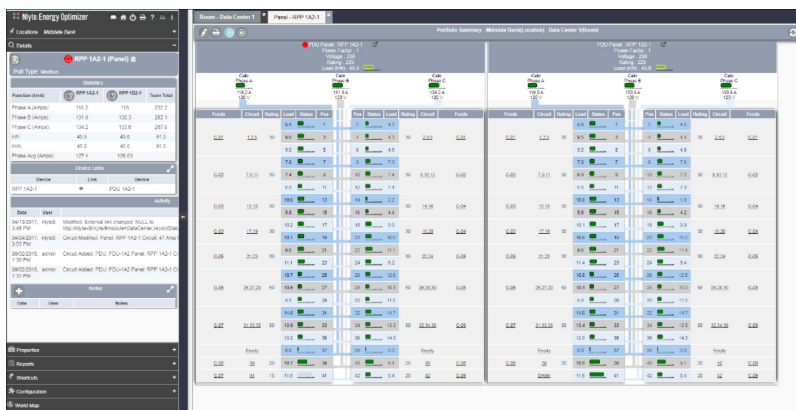
ENERGY OPTIMIAZATION DASHBOARD

The Energy Optimization Dashboard is an intuitive and comprehensive solution designed to enhance data center performance by providing real-time insights and control over energy consumption, capacity planning, and resource management. The platform offers a user-friendly interface that displays critical information on power distribution, cooling systems, and environmental conditions in an easily digestible format. The Energy Optimization Dashboard allows organizations to make informed decisions regarding energy management, capacity allocation, and future expansion, ensuring optimal utilization of resources and cost-effective operations. Integrated with virtualization and ITSM systems, the solution supports improved planning, problem prevention, and system forensics. By offering a centralized and accessible view of data center performance, the Energy Optimization Dashboard promotes collaboration among teams and streamlines compliance and audit processes. It leads to a more energy-efficient and cost-effective data center environment.
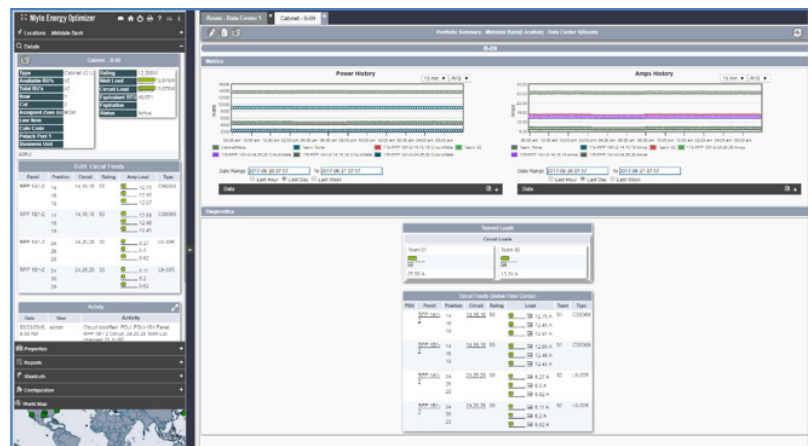
CIRCUIT MONITORING

Circuit Monitoring is a highly effective solution to enhance data center performance by providing real-time monitoring and management of power distribution circuits. The platform focuses on ensuring the reliability and efficiency of data center power infrastructure by delivering comprehensive insights into circuit loads, capacities, and potential risks. Nlyte Circuit Monitoring enables organizations to make informed decisions regarding power management, capacity allocation, and proactive maintenance, ensuring optimal utilization of electrical resources and preventing costly downtime due to circuit failures. Integrated with virtualization and ITSM systems, the solution offers improved planning, problem prevention, and system forensics. By providing continuous monitoring and control over data center circuits, Nlyte Circuit Monitoring promotes team collaboration, expedites compliance and audit processes, and contributes to a more reliable and cost-effective data center environment.

LABOR EXPENSE MANAGEMENT

Labor Expense Management is a compelling solution to optimize data center operations by effectively managing personnel resources and labor costs. The platform focuses on maximizing efficiency by offering insights into staff allocation, workload distribution, and associated expenses, enabling organizations to make informed decisions regarding personnel management and cost control. Nlyte Labor Expense Management helps to ensure the optimal utilization of human resources, reducing the time spent on routine tasks and streamlining the allocation of skilled labor for critical projects. Integrated with virtualization and ITSM systems, the solution supports improved planning, problem prevention, and system forensics. By providing a centralized view of labor expenses and resource allocation, Nlyte Labor Expense Management fosters team collaboration, accelerates compliance and audit processes, and contributes to a more cost-effective and efficient data center environment.

Nlyte Software

Nlyte Platinum is a comprehensive data center management solution designed to optimize efficiency, reduce costs, and simplify the entire asset and resource management process. By offering a wide range of features, such as automation of data center management, lifecycle asset management, real-time asset reporting, and advanced capacity planning, Nlyte Platinum ensures organizations can effectively manage and maintain their data center infrastructure. Integrated with virtualization and ITSM systems, the platform provides enhanced planning, problem prevention, and system forensics capabilities, making it an invaluable tool for data center operators.

By implementing Nlyte Platinum, organizations can experience many benefits, including improved collaboration among teams, streamlined compliance and audit processes, and a more cost-effective data center environment. The platform's extensive features, such as energy optimization, cooling capacity planning, and labor expense management, contribute to achieving a more sustainable and efficient data center operation. With Nlyte Platinum, organizations can be confident in their ability to optimize their data center resources, reduce operational costs, and make informed decisions for the future of their data center infrastructure.

POPULAR NLYTE CONNECTORS

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 work-flow 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 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.

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