

# NLYTE CONNECTOR

Nlyte Asset Optimizer Integration with  
DC Smarter's DC Vision® Augmented Reality Tool



## SOLUTION BRIEF

In the ever-evolving landscape of data center management, the integration of advanced technologies is paramount to maintaining efficiency and control. The Nlyte Asset Optimizer, now integrated with DC Smarter's DC Vision® augmented reality tool, brings a transformative approach to managing data center infrastructure. This powerful combination allows Nlyte customers to significantly enhance the productivity of their data center staff, improve control, and streamline communications. By leveraging the interactive capabilities of augmented reality, users can interact with a digital twin of their data center, retrieve critical asset information, and detect anomalies with unparalleled precision. This integration not only boosts operational efficiency but also validate, add new and correct data, leading to better decision-making and more efficient use of resources.

## Enhance Productivity and Control with Advanced AR Capabilities

### Increase Productivity of Data Center Staff

- **Interactive Digital Twin:** The integration allows Nlyte customers to interact with the data center's digital twin, enabling real-time updates, note-taking, and anomaly detection. Confirm your work efficiently and ensure accuracy in your data center operations.

### Improve Control and Ease Communications

- **Enhanced Communication:** Facilitate better control and communication among data center teams by leveraging augmented reality. Streamline information flow and ensure everyone is on the same page.
- **Remote Assist Feature:** Use DC Vision's remote assist to connect with experts and colleagues worldwide in real-time. Share your AR view for collaborative troubleshooting, reducing the need for travel and lengthy explanations.

### Retrieve Assets and Information Efficiently

- **Real-Time Data Access:** Quickly retrieve assets and access detailed information through the AR interface. Enhance your ability to manage and monitor data center infrastructure effectively.
- **Object Recognition and AI:** Utilize advanced object recognition and AI to detect anomalies in server racks. Compare real-time data with the asset inventory to promptly identify and resolve issues. The AI model, trained by DC Smarter on thousands of images, enables field deployment to accurately determine the contents of racks. This AI can read all asset tag types and track the physical locations of devices.

### Reliable Diagnosis and Fast Restoration

- **Accurate Anomaly Detection:** Identify discrepancies and potential problems with precision using AI-powered tools. Ensure a reliable diagnosis method that positions you to restore full functionality as quickly as possible.
- **Minimize Downtime:** Swiftly address issues, reducing downtime and maintaining optimal performance in your data center.

### Reduce Rework and Human Error

- **Enhanced Accuracy:** Improve asset accuracy and reduce human error by using the AR tool to verify and update information in real-time.
- **Accelerate Onboarding and Training:** Speed up the onboarding process for new staff with intuitive AR-guided training. Provide the best remote support, ensuring your team is well-prepared and efficient.



## KEY BENEFITS

- Increased productivity and efficiency of data center staff.
- Improved control and streamlined communications.
- Real-time interaction with the digital twin for updates and anomaly detection.
- Efficient asset retrieval and management.
- Reliable and fast issue diagnosis and resolution.
- Reduced rework and minimized human error.
- Accelerated staff training and enhanced remote support.
- Improved asset accuracy and enriched data for better decision-making.

## PREREQUISITES

- DC Smarter's DC Vision® - DC Vision requires that Nlyte Asset Optimizer is installed, with no dependencies on versions. Onboarding customers onto DC Vision takes 15 minutes.
- Nlyte 14.1.100 or higher.

The Nlyte Asset Optimizer integration with DC Smarter's DC Vision AR tool revolutionizes data center management by combining advanced augmented reality capabilities with robust asset optimization. This integration not only enhances productivity and control but also enriches data, providing valuable insights for more efficient and effective data center operations. Embrace the future of data center management with Nlyte and DC Vision.

## About DC Smarter

**DC Smarter** GmbH was founded with the goal of developing innovative solutions for the management and maintenance of IT infrastructure and data centers. The industry pioneer stands out with its unique approach: High-quality services are combined with the innovative software solution - DC Vision®, which is based on the concept of the digital twin and artificial intelligence.

The software developed by DC Smarter utilizes augmented reality glasses, smartphones, or tablets to thereby optimize management and maintenance of IT infrastructure in data centers. Creative and innovative applications enable improving of energy efficiency in data centers, simplifying the organization in operational and project planning phases for tasks in data centers, and ensuring service quality according to predefined schedules, functions, and standard criteria.


For more information, see <https://dc-smarter.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, collocation, 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.



When you're ready to  
optimize your critical  
infrastructure,  
We're ready to help.



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