

Data Center Automation

Taming the Hybrid Cloud with Nlyte's Asset Explorer for DCIM



PRODUCT OVERVIEW



An organization's computing infrastructure has evolved from the traditional data center into a Hybrid Cloud. Managing facilities, technology assets, networks, and workloads across data centers, colocation facilities, Edge computing sites, and public clouds has become unmanageable. To bring all of this complexity into control and ensure workloads are optimized a new level of automation needs to be introduced.

Today's Realities

- Users bypass Change Management controls
- Network connections are not automatically documented and fully up to date
- There is uncertainty regarding capacity for many new installs
- Adherence to work order workflow is random and or incomplete
- Other platforms besides Linux are introduced to the data center
- Audits require time consuming and error prone human involvement

Nlyte's Asset Explorer for DCIM introduces new automation features to optimize your facilities and Hybrid Cloud infrastructure. From asset discovery and inventory,

network port mapping, to workload optimization, Nlyte's Data Center Optimization improves efficiency and reduces risks across the organization.

Automating for a Continuously Aware Hybrid Cloud

1. Asset reconciliation – find it, update it, create it
2. Field level data population and validation
3. One-click detailed asset information
4. Chassis slot availability for blades/module placement
5. Network cards to asset creation – used to create the end points for DCIM network connection traces
6. Identification of security risks – assets that have been added or removed from the data center network outside of change control
7. Near real-time event-driven updates
8. Reduce effort for Initial DCIM asset population and ongoing management

Data Center Automation



From Network Automation to Delivering a Continuously Aware Compute Infrastructure, Nlyte Data Center Automation will:

- Eliminate manual overhead of keeping complex critical information up to date increasing resource availability and efficiency
- Enhance the reconciliation framework with richer and more accurate data to eliminate security threats, identify out of sync processes, and remove ghost/zombie equipment
- Provide near real-time understanding of actual network ports and locations used against available ports providing accurate capacity planning and improved resource utilization
- Assess planned and unplanned outages and the business impact, planning for workload asset management
- Improve SLAs and Support responsiveness by reducing mean time to repair (MTTR) and root cause analysis (RCA) metrics
- Accelerate the initial implementation or expansion of DCIM with auto-discovery and auto-loading of asset data

Nlyte DCIM

Bridging the gap between Facilities and IT – Plan, Manage, Automate



Nlyte's Platinum Data Center Infrastructure Management (DCIM) allows you to effectively manage your entire physical and virtual compute infrastructure including data center, colocation, and edge. Nlyte's DCIM software solution automates the management of all your assets, resources, processes and people throughout the entire lifecycle of your compute infrastructure.

TAM



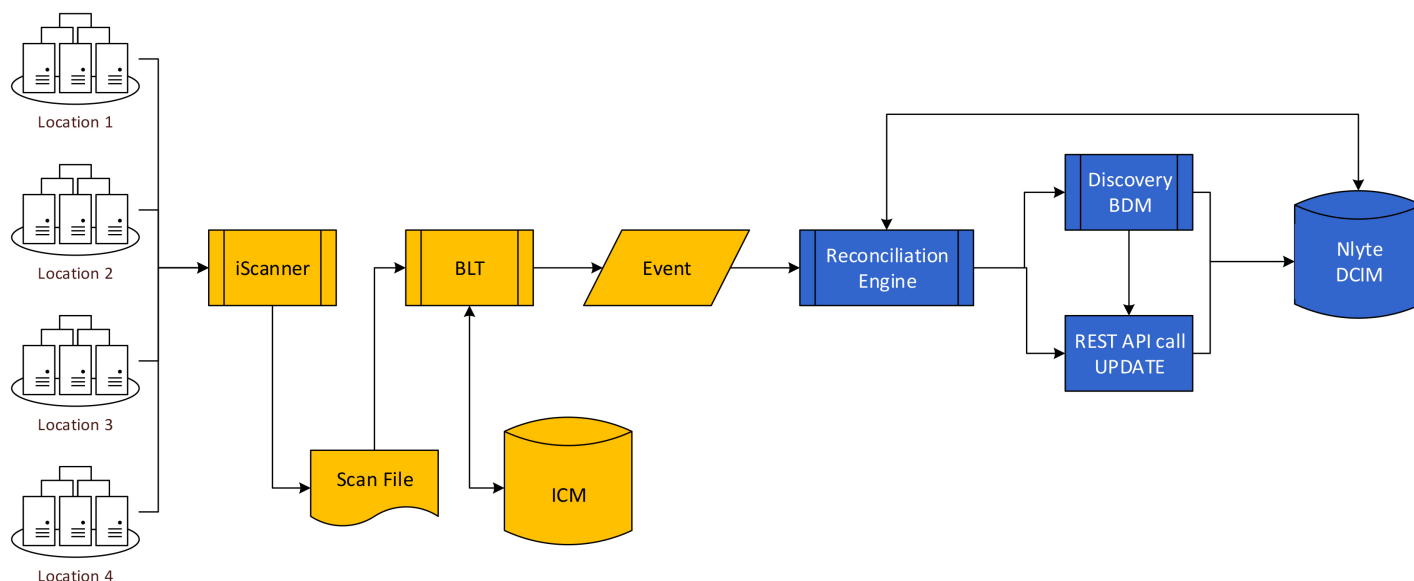
- Automating and simplifying the management of the compute infrastructure – Data Center, Private Cloud, Colocation, Edge, and the Network
- Introduce new automation enhancements, enrich existing functionality, and deepen connection between products to further increase ROI on your DCIM implementation
- Expand Technology Asset Management solution and integration with DCIM

How Asset Explorer for Nlyte DCIM works



- **Discover and inventory**
 - o Servers, including network cards
 - o Software (OS, Applications)
 - o Asset location and activation
 - o Network devices
- Provides near real-time transactional updates from Nlyte Discovery and Inventory applications into Nlyte DCIM
- Automates, maps, and maintains network port connections and usage
- Supports all major and proprietary protocols
- Set it and forget it!
- Agentless, lightweight, and low impact on the network (< 0.1% of a 10baseT)

Data Center Automation



A Single Source of Truth

Manage – Cost, Security, Compliance, Operations

Desktop to data center, cloud to remote location, Nlyte Asset Explorer extends beyond facility and compute asset management to the entire Internet of Things. Nlyte discovers, catalogs, and helps you assess everything attached to your network.

Nlyte is continuously working to improve communication between its product as well as IT and Business Intelligence systems in your environment. Nlyte solutions deliver the broadest, widest, most cost-effective compute infrastructure and asset management tools on the market.

FOR MORE INFORMATION

- Contact Us: info@nlyte.com
- Visit Us: www.nlyte.com

Nlyte is a registered trademark and Nlyte Software is a trademark of Nlyte Software Limited. All other brands or products names are the property of their respective holders. Information in this document is subject to change without notice and does not represent a commitment on the part of the vendor.

Copyright ©2019 Nlyte Software limited. All rights reserved.

About Nlyte

Since 2004 Nlyte has been committed to helping organizations optimize the management of their IT assets. Nlyte automates the discovery, workflow management, and reporting across the entire technology stack, physical, virtual, and edge, including software and IoT devices. Nlyte reduces costs and risk while improving efficiency and transparency for the entire organization.

The world's most sophisticated IT organizations use Nlyte's comprehensive out-of-the-box ready software solutions. Nlyte's commitment to optimize asset management, making it easier for people to do their job more efficiently and improve agility across the global organization, continues to develop a loyal following of customers.