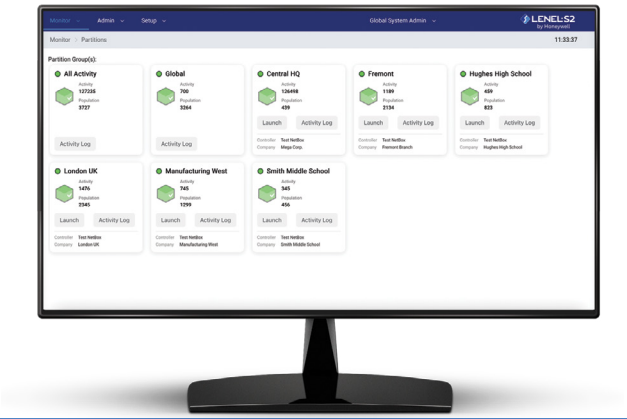


LENEL·S2
by Honeywell

NetBox Global® 4.0

Overview

NetBox Global is a next-generation solution for managing distributed NetBox systems, designed to meet the evolving needs of large, multi-site organizations. It offers flexible, scalable architecture that supports virtually unlimited expansion, allowing users to build and manage a comprehensive ecosystem of LenelS2 appliances under a single, centrally controlled network. This is achieved while preserving the appliance-based design and intuitive web browser interface that have long defined LenelS2 NetBox security management systems.

NetBox Global empowers organizations to deploy security infrastructure that can be managed centrally, remotely, or through a hybrid approach. As an organization's physical footprint grows or its security requirements change, the system scales effortlessly without requiring significant investment in communication infrastructure. This makes it an ideal solution for distributed enterprises seeking robust security without added complexity.

A key strength of NetBox Global lies in its support for Global Security Operations Center (GSOC) functionality, which enhances situational awareness and streamlines incident response across the entire network.

The built-in Alarm Workflow page provides real-time alarm notifications, automated incident response workflows, and customizable alert settings. It also supports duty log entries, quick launch to NetBox UI, and threat-level escalation.

NetBox Global is engineered to support a wide range of applications—from enterprise-scale deployments to campus environments and property-management scenarios. Whether implementing remote-managed access control or building a centralized GSOC, LenelS2's Professional Engineering Services (PES) are available to help design and configure a solution tailored to your specific needs. Consultation and system commissioning services further ensure successful implementation and long-term performance.

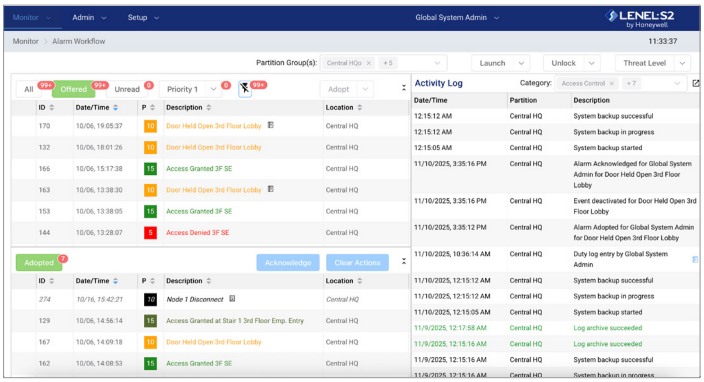
Key Features

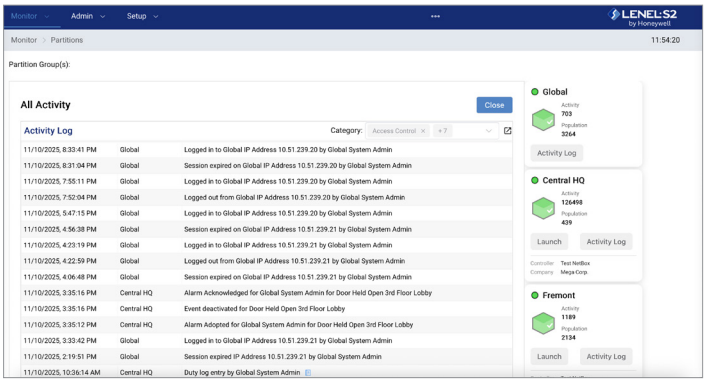
- Partition Tiles provide ease of navigation, system monitoring, and quick launch tools
- Alarm Workflow, a GSOC feature implemented natively in NetBox Global UI
- OIDC OKTA and Cisco DUO SSO for easier and more secure access
- LDAP user authentication provides an alternative layer of security for user management
- NetBox Global API enhances integration capabilities and data retrieval
- UI enhancements for improved usability
- Custom History Reports for tailored reporting based on user preferences and requirements
- VMware and Hyper-V support
- Ubuntu 24 embedded, ensuring the latest and most secure operating environment

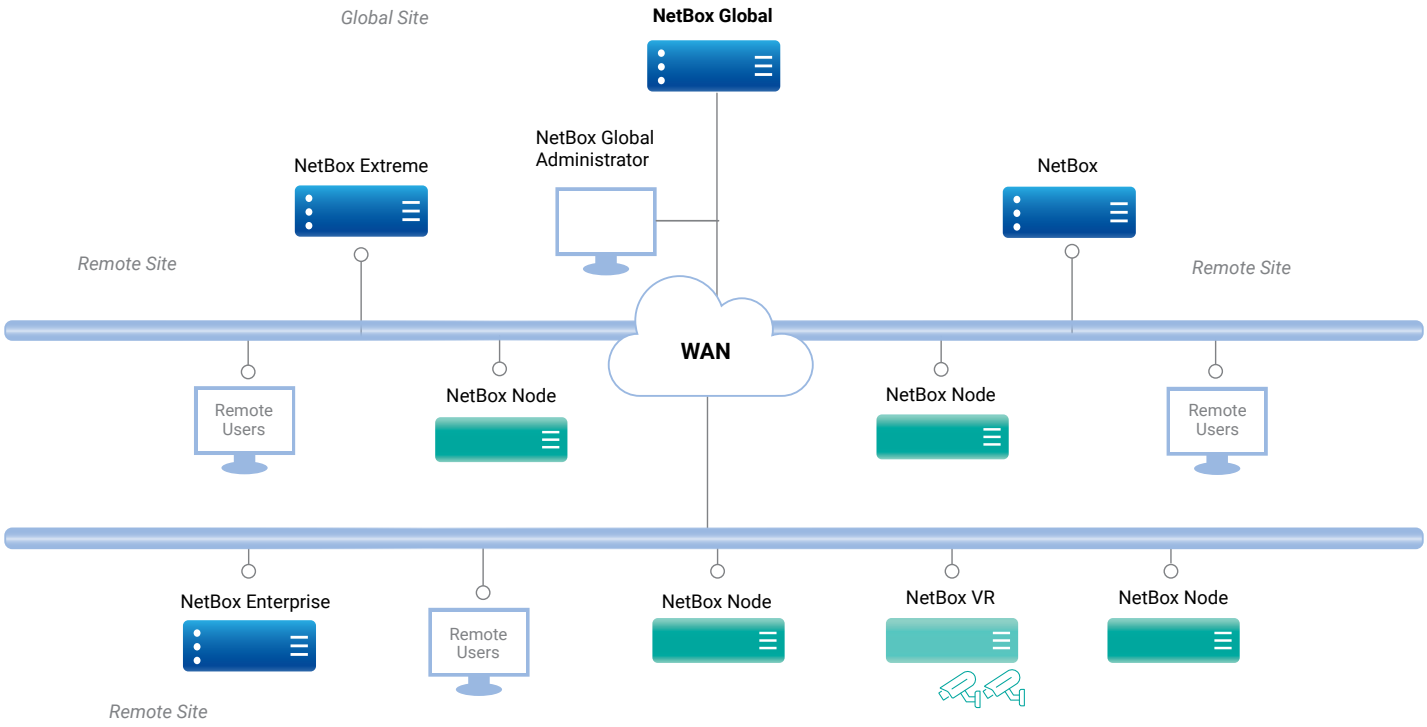
Benefits

- Build a distributed network out of LenelS2 NetBox systems in just a few hours
- Conveniently manage any remote system from NetBox Global with a single mouse click
- Easily scale to hundreds of locations on a single NetBox Global server
- Access control database can be managed centrally, remotely, or both with changes immediately reflected everywhere
- Build and easily administer global access levels that grant access permission across your organization

Network Global 4.0







Schematic only – not a network diagram.

Specifications – Network Global 4.0

Access Control	
Cardholders	No practical limit
Online transactions	100 million
Available access levels	No practical limit
Unique user privileges	No practical limit
Simultaneous users	35
Readers, inputs, outputs	No practical limit

Virtual Appliance	
Hypervisor support	VMware 6.7 or higher, Windows Server 2019 Hyper-V or higher
Cloud support	AWS coming Q1 2026
Appliance OS	Ubuntu 24.04 LTS
Minimum vCPU	8 vCPU
Minimum RAM	32GB
Storage	2TB

Hardware Appliance	
Processor	Intel® Xeon® 6353P 2.7GHz
RAM	128GB
Hard drive	4 (960GB) SSD configured in RAID 10
Capacity	1.92TB
Warranty	3 years
Dimensions	1.68in x 18.97in x 23.04in
Weight	19.5 lbs
Operational temperature	+10 to +35 degrees C
Storage temperature	-40 to +65 degrees C
Power supply	Dual, (1+1) Redundant, Hot-Plug, 600W MM (100-240Vac)
BTU	2250/hr
OS	Ubuntu 24.04 LTS

Client Requirements	
Browser support	Google Chrome™, Microsoft Edge, Mozilla Firefox®, Apple Safari®
Screen resolution	1920x1080 and higher

Part Numbers	
S2-GLOBAL-VM	NetBox Global Virtual Appliance providing centralized management for multiple NetBox controllers
S2-GLOBAL-G3	NetBox Global Physical Appliance providing centralized management for multiple NetBox controllers
S2-F-GLOBAL-G3	Forward Program for existing NetBox Global Servers running 3.1.4 or earlier
S2-GLOBAL-PRO-DEV	NetBox Global software consulting services and development efforts -- required for new Global systems

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For more information, please visit lenels2.com.

Specifications subject to change without notice.

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