# NetBox Enterprise

Overview

The powerful, browser-based NetBox™ Enterprise access control and event monitoring system is designed for deployments with demanding security requirements. The system can support over 7,000 portals and over 500 LenelS2 Nodes. Optional high availability offers automatic system failover between a redundant pair of servers. Optional system partitioning allows the entire database to be separated into multiple smaller systems for entities such as field offices or tenants.

Features such as person record and cardholder management, event and alarm monitoring, threat level escalation and reporting are accessible from any web browser. There is no software to install. The NetBox Enterprise system works with existing infrastructure and peripheral devices, making it easy to deploy. In addition, the NetBox Enterprise system tightly integrates with LenelS2 VRx™ and NetVR™ video management systems, providing unified system management and administration. Integration with third-party video management systems is also supported.

The NetBox Enterprise system is ideal for large, complex security deployments. For organizations that have outgrown their entry-level NetBox system, the upgrade to the NetBox Enterprise system is seamless. Distributed organizations can centrally manage multiple NetBox controllers with a NetBox Global server, allowing for virtually unlimited scalability.
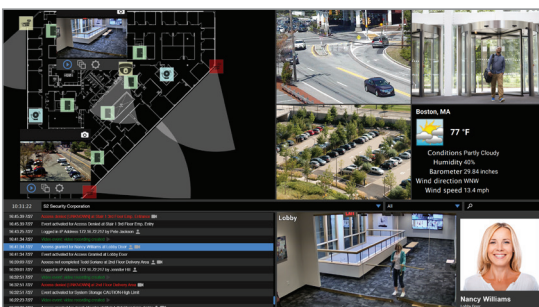
The LenelS2 Magic Monitor® client provides a unified access control and video surveillance experience.

Key Features

Access Control

- **Portals**: Supports up to 7,168 doors or other access points
- **Event and Alarm Monitoring**: Includes comprehensive event logging, notification and escalation
- **Threat Level Management**: Provides configurable system status and response actions such as system lock downs
- **Person Record Management**: Maintains detailed, credential-driven user records and access history
- **Reporting**: Offers pre-defined and custom reports

System

- **Web Interface**: Delivers browser-based, unified system management and administration
- **Solid-State Design**: Extends product lifecycle, lowering total cost of ownership
- **Video Integration**: Works with LenelS2 VRx and NetVR video management systems and third-party video systems
- **API Support**: Integrates with third-party products such as human resource databases via an open source API
- **Automated System Management**: Automatically discovers LenelS2 Nodes and handles system backups
- **Mobile Apps**: Enables mobile security management, mobile credentials and more
- **System Partitioning Option**: Allows the entire database to be separated into multiple smaller systems
- **High Availability Option**: Offers automatic system failover between a redundant pair of servers
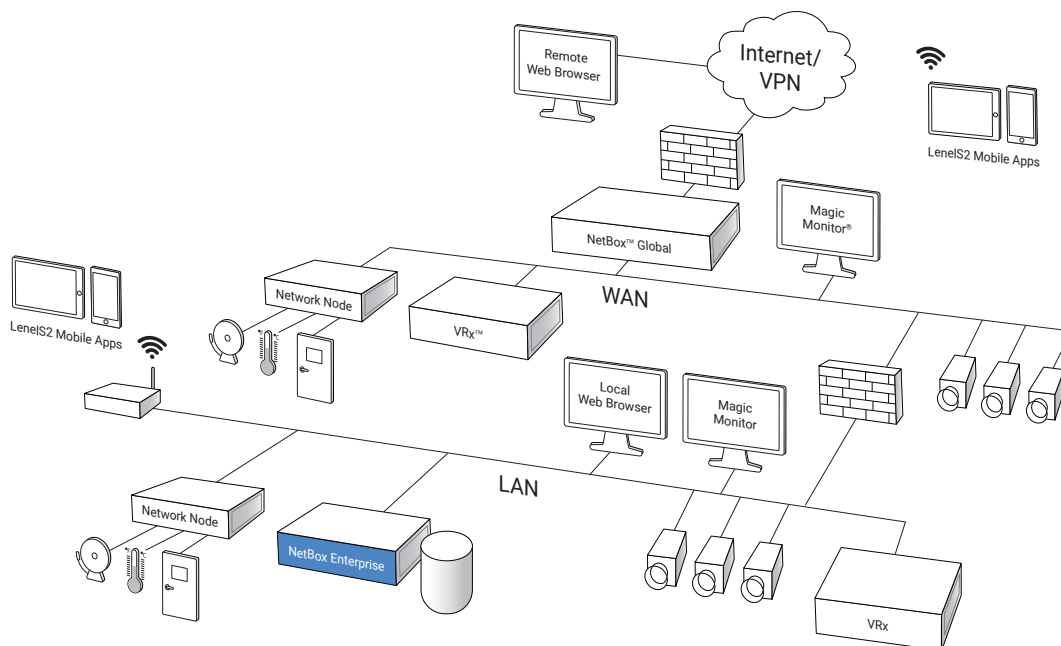
Schematic only. Not a network diagram.

Specifications

NetBox Enterprise 50

Access Control	
Cardholders	150,000
Access Levels	Unlimited
Unique User Roles	16
Simultaneous Users	25
Time Specifications	512
Portal Capacity	1,792
LenelS2 Node Capacity[1]	128
Maximum Inputs / Outputs	2,000 / 2,000
Online Transactions	Up to 160 million records

Appliance	
Storage Capacity	128GB
Storage Configuration	N/A
Processor	Intel® Xeon® E
Memory (RAM)	8GB
Operating System	Ubuntu Linux
Ethernet Ports	1
MTBCF	190,000
Chassis	Standard 1U rack mount, rail kit included
Dimensions (H, W, D)	1.68in x 19.0in x 21.9in (43mm x 482mm x 556mm)
Weight	19.5 lbs (8.85 kg)
Operating Temperature	50° − 95°F (10° − 35°C)
Storage Temperature	-40° − 149°F (-40° − 65°C)
Operating Environment	Humidity 85%, non-condensing 35°C
AC Input	100 − 240 VAC, 50/60 Hz, 5A/3A
BTU Maximum	948 per hour
Regulatory Approvals	UL, CE, FCC, RoHS
Warranty	3 years, hardware; 1 year, software
Operating System	Any; for badging use Windows® 10

NetBox Enterprise 100

Access Control	
Cardholders	150,000
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Simultaneous Users	35
Time Specifications	512
Portal Capacity	7,168
LenelS2 Node Capacity[1]	512
Maximum Inputs / Outputs	2,000 / 2,000
Online Transactions	Up to 400 million records

Appliance	
Storage Capacity	128GB
Storage Configuration	RAID 1
Processor	Intel Xeon E
Memory (RAM)	8GB
Operating System	Ubuntu Linux
Ethernet Ports	1
MTBCF	160,000
Chassis	Standard 1U rack mount, rail kit included
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Storage Temperature	-40° − 149°F (-40° − 65°C)
Operating Environment	Humidity 85%, non-condensing 35° C
AC Input	100 − 240 VAC, 50/60 Hz, 5A/3A
BTU Maximum	1,327 per hour
Regulatory Approvals	UL, CE, FCC, RoHS
Warranty	3 years, hardware; 1 year, software
Operating System	Any; for badging use Windows® 10

Specifications (continued)

NetBox Enterprise 50

Client Requirements	
Browser[2]	Chrome™, Internet Explorer®, Firefox® and Safari®
Processor	Intel® Core™ i3 or higher
Memory (RAM)	8GB minimum
Hard Drive	100GB minimum

Integrations[3]	
Video Management	VRx, NetVR and other major VMS manufacturers
VRx/NetVR Capacity	64
VRx/NetVR Camera Capacity	4,096
Concurrent LenelS2 Client Connections (NetBox, Magic Monitor, Mobile Security Professional®)	25
Third-Party VMS Camera Capacity	1,024
Access Control	Allegion, ASSA ABLOY and Mercury
Intrusion	Bosch and DMP

Part Numbers	
S2-EX50-128-G2	Includes 128 portal license
S2-NR64	64 portal expansion

Portal licenses expandable in 64 portal increments to 1,792 portals. Refer to price book for additional part numbers.

NetBox Enterprise 100

Client Requirements	
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VRx/NetVR Capacity	128
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Access Control	Allegion, ASSA ABLOY and Mercury
Intrusion	Bosch and DMP

Part Numbers	
S2-EX100-128-G2	Includes 128 portal license
S2-NR64	64 portal expansion

Portal licenses expandable in 64 portal increments to 7,168 portals. High availability option offered. Refer to price book for additional part numbers.

[1] Network Node capacity may vary depending on system design.
[2] Refer to the latest Release Notes for browser version compatibility.
[3] For additional integration information, please contact us.

LENEL·S2

For more information, please visit lenels2.com.

Carrier