



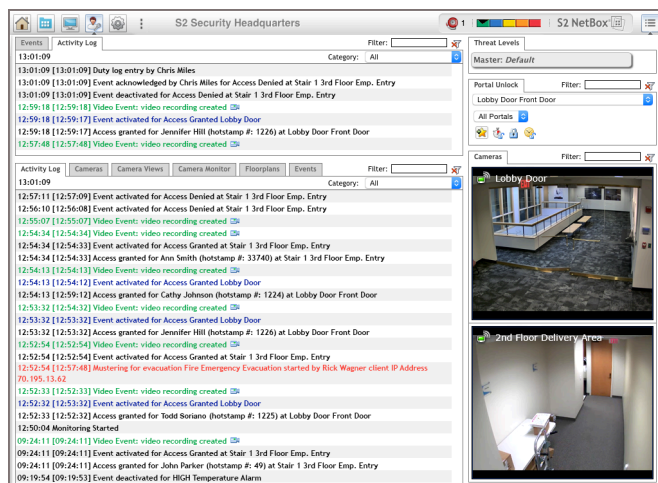
# S2 NetBox®

## Overview

S2 NetBox is a full-featured, web-based access control and event monitoring system that supports up to 32 portals. 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.

A solid-state appliance, S2 NetBox is fast and reliable. The system works with existing infrastructure and peripheral devices, making it easy to deploy. S2 NetBox is flexible and scalable, supporting up to seven application blades and up to 32 S2 Nodes. In addition, S2 NetBox tightly integrates with S2 NetVR® series video management systems, providing unified system management and administration. Integration with third party video management systems is also supported.

S2 NetBox serves a range of applications from small businesses to field offices of large enterprises. As organizations grow, migration to S2 NetBox Extreme is seamless. Large, distributed enterprises can also centrally manage multiple S2 NetBox controllers with S2 Global®.



## Key Features

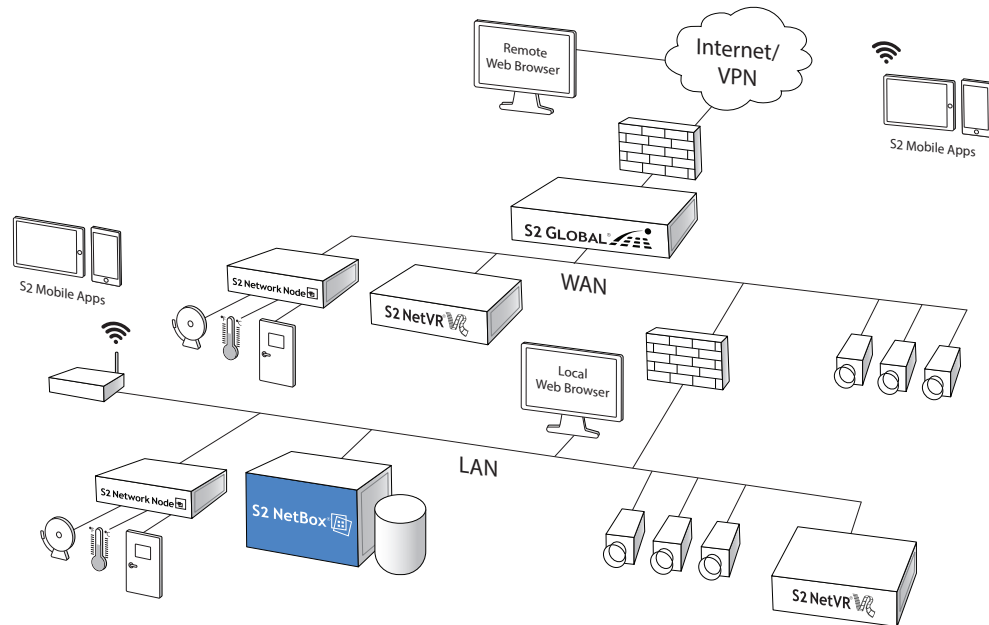
### Access Control

- **Portals:** Supports up to 32 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
- **Blade Support:** Houses up to seven S2 application blades for access control, inputs, outputs and temperature probes
- **Video Integration:** Works with S2 NetVR series video management systems and other 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 S2 Nodes and handles system backups
- **Mobile App:** Allows for mobile security management using S2 Mobile Security Officer®

S2 NetBox is web-based, with one-click access to major system functionality.



Schematic only. Not a network diagram.

## Specifications – S2 NetBox

Access Control	
Cardholders	20,000
Access Levels	Unlimited
Unique User Roles	16
Simultaneous Users	5
Time Specifications	512
Portal Capacity	32
S2 Node Capacity <sup>1</sup>	32
S2 Application Blade Support	7 application blades for access control, inputs, outputs and temperature probes
Maximum Inputs / Outputs	500 / 500
Online Transactions	Up to 10 million records
Client Requirements	
Operating System	Any; for badging use Windows 7
Browser <sup>2</sup>	Chrome, Internet Explorer, Firefox and Safari
Processor	Intel Core i3 or higher
Memory (RAM)	4GB
Hard Drive	100GB minimum
Appliance	
Storage Capacity	20GB
Processor	Intel Atom N2800
Memory (RAM)	4GB total
Operating System	Ubuntu Linux
Ethernet Ports	1
MTBF	213,447
Chassis	Wall mount
Dimensions (H, W, D)	17in x 17.5in x 8.25in (43.18cm x 44.45cm x 20.95cm)

Appliance (continued)	
Weight	10 lbs (4.54 kg)
Operating Temperature	32° – 95°F (0° – 35°C)
Storage Temperature	-4° – 158°F (-20° – 70°C)
Operating Environment	Humidity 85%, non-condensing 35°C
AC Input	86 – 264 VAC, 47/440 Hz, 1.5A
BTU Maximum	256 per hour
Regulatory Approvals	UL, CE, FCC, RoHS
Warranty	2 years, hardware; 1 year, software

Integrations <sup>3</sup>	
Video Management	S2 NetVR series VMS and other major VMS manufacturers
S2 NetVR Capacity	4
S2 NetVR Camera Capacity	256
Concurrent S2 Client Connections (S2 NetBox, S2 Magic Monitor®, S2 Mobile Security Officer)	5
Third Party VMS Camera Capacity	32
Access Control	Allegion, ASSA ABLOY, DMP and Mercury

Part Numbers	
S2-NB4-E2R-WM	Includes 4 portal license and 1 access control application blade supporting 2 readers

Supports up to 7 application blades. Portal licenses expandable to 32 portals.

<sup>1</sup> S2 Network Node capacity may vary depending on system design.

<sup>2</sup> Refer to the latest Release Notes for browser version compatibility.

<sup>3</sup> For additional integration information, contact sales@s2sys.com.