



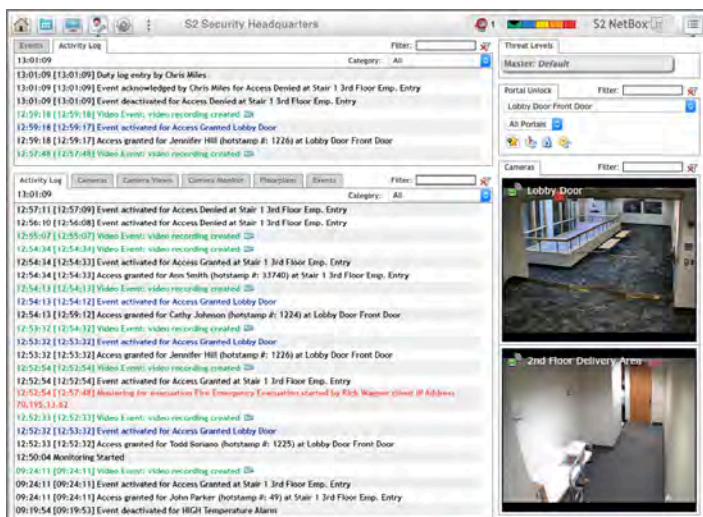
S2 Network Node

Overview

S2 Network Node is an intelligent field panel that handles distributed processing for S2 NetBox® access control and event monitoring systems. Access control and events from connected devices are aggregated to the S2 NetBox web interface for centralized system management.

S2 Network Node supports up to seven modular S2 application blades for access control, inputs, outputs and temperature probes. Any S2 application blades can be combined to fit deployment requirements. Blades are automatically recognized and addressed without jumpers or switches. External devices such as 12VDC card readers can be powered from the S2 access control application blade.

A highly flexible component of any S2 NetBox system, S2 Network Node enables customization and expansion of the system's capabilities.



Access control and event monitoring for connected devices are aggregated to the S2 NetBox web interface.

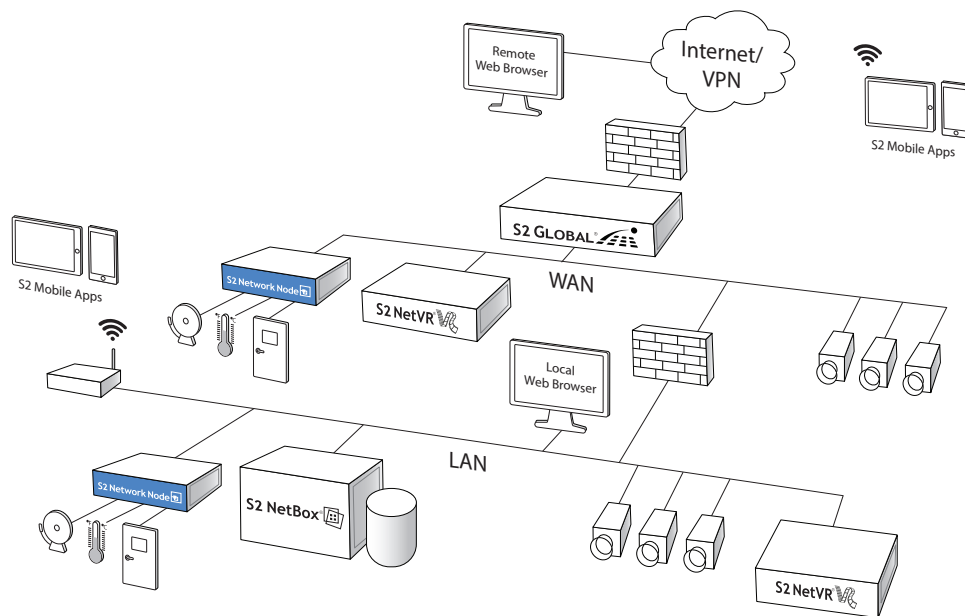
Key Features

Access Control

- **Blade Support:** Houses up to seven S2 application blades for access control, inputs, outputs and temperature probes
- **Portals:** Supports up to fourteen doors or other access points
- **Reader Support:** Interfaces with Wiegand, magnetic stripe and keypad reader technologies
- **Input Assignment:** Enables assignment of up to 56 supervised inputs
- **Output Assignment:** Enables assignment of up to 56 form C output relays
- **Temperature Inputs:** Monitors up to 56 analog temperature points

System

- **S2 System Node:** Handles distributed access control and event monitoring
- **Solid State Design:** Extends product lifecycle, lowering total cost of ownership
- **Offline Availability:** Maintains access control capabilities even when connectivity to the S2 controller is lost
- **Intuitive Configuration:** Utilizes embedded web interface for initial setup
- **Automatic Discovery:** Automatically connects to and authenticates with the S2 controller upon configuration



Schematic only. Not a network diagram.

Specifications – S2 Network Node

Access Control

S2 NetBox Software	Version 4.1.02 and later
S2 Network Node Blade	M1-3200
Application Blades / SIOs	7
Portals	14
Access Levels	512
Supervised Inputs	56
Relay Outputs	56
Temperature Inputs	56
Credential Storage	150,000
Buffered Transactions	800,000

Client Requirements

Operating System	Windows 7, 32-bit or 64-bit
Browser	Chrome, Internet Explorer, Firefox and Safari*
Processor	Intel Core i3 or higher
Memory (RAM)	4GB
Hard Drive	100GB minimum

Appliance

Storage	2GB Flash
Processor	TI AM3352 ARM
Memory (RAM)	512MB SDRAM
Operating System	Linux
Ethernet Ports	1
MTBF	297,000 hrs
Chassis	Wall mount or standard 4U rack mount

Appliance (continued)

Dimensions (H, W, D)	<i>Wall Mount:</i> 17.0in x 15.0in x 6.75in (43.18cm x 38.1cm x 17.15cm) <i>Rack Mount:</i> 7.0in x 19.0in x 15.0in (17.78cm x 48.26cm x 38.1cm)
Weight	18 lbs (8.6 kg) maximum
Operating Temperature	32° – 95°F (0° – 35°C)
Storage Temperature	-4° – 158°F (-20° – 70°C)
Input Power	100 - 240 VAC, 50/60 Hz, 2.3A
Reader Output Power	12VDC, 250 mA/reader
BTU Maximum	184 per hour
Commissioning	Web configuration utility
Regulatory Approvals	UL, CE, FCC, RoHS
Warranty	2 years, hardware; 1 year, software

Part Numbers

S2-NN-E-WM	Supports up to 7 S2 application blades, wall mount
S2-NN-E-RM	Supports up to 7 S2 application blades, rack mount
S2-NN-E2R-WM	Includes 1 S2 access control application blade with 6 available expansion slots, wall mount
S2-NN-E2R-RM	Includes 1 S2 access control application blade with 6 available expansion slots, rack mount

* Refer to the latest Release Notes for browser version compatibility.

For more information, please visit www.s2sys.com.

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