



# S2 NetVR® Software Solution

## Overview

S2 NetVR software solution supports up to 128 IP camera streams and is designed for installations on any preferred hardware platform that meets the minimum requirements. Real-time video monitoring and recorded video playback are accessible from a client or mobile app.

S2 NetVR is available as a stand-alone system and can also tightly integrate with S2 NetBox® access control systems. Real-time video surveillance and recorded video playback are unified with the activity log in the user interface. Additional features include on-screen PTZ controls and integration of live video views into floor plan graphics. By clicking on an icon in the activity log, users can instantly play back recorded video associated with an event and save it to the case library.

Multiple S2 NetVR servers can be managed with the S2 Magic Monitor® client or connect to a single S2 NetBox controller, allowing the system to easily scale with organizational growth.

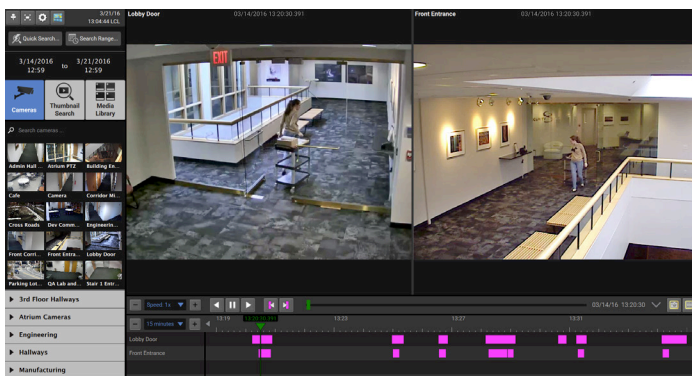
## Key Features

### Video Management

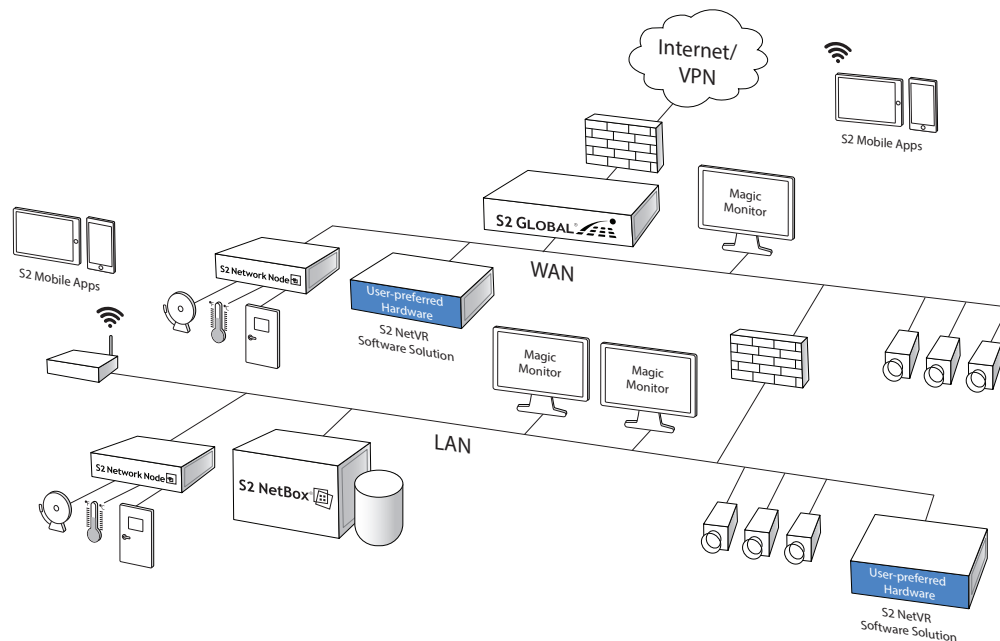
- **Cameras:** Supports up to 128 IP camera streams
- **Real-Time Surveillance:** Allows for live video tours and on-screen PTZ controls using S2 Magic Monitor
- **Forensic Search:** Locates video of interest with a single click and saves it to the case library

### System

- **IP Video Server:** Delivers real-time and recorded video from a client or mobile app
- **Access Control Integration:** Integrates with S2 access control systems for unified system management and administration
- **Customizable Monitoring Displays:** Provides customization of real-time monitoring displays, with single or multi-camera views
- **Mobile App:** Allows for mobile security management using S2 Mobile Security Officer®



*Easily search, review and catalog video with Magic Monitor Forensics.*



*Schematic only. Not a network diagram.*

## Specifications – S2 NetVR Software Solution

	64 Video Streams Maximum	128 Video Streams Maximum
<b>Video Management</b>		
IP Camera Streams	Up to 64 video streams	Up to 128 video streams
IP Camera Resolution	IP camera dependent	IP camera dependent
IP Camera Frame Rate	IP camera dependent	IP camera dependent
Compression Type	H.264	H.264
<b>Minimum Hardware Requirements</b>		
Video Storage	Customer determined (minimum 3 drives with 1TB storage per drive); RAID 5/6 configuration recommended	Customer determined (minimum 4 drives with 1TB storage per drive); RAID 5/6 configuration recommended
Storage Configuration	Customer determined (64-bit Controller)	Customer determined (64-bit Controller)
Processor	Intel Xeon E3-1220v3	Intel Xeon E3-1241v3
Memory (RAM)	8GB	8GB
Operating System	64-bit Ubuntu Linux 14.04 only	64-bit Ubuntu Linux 14.04 only
OS/Application Storage	80GB SSD minimum	80GB SSD minimum
Ethernet Ports	2; 1 for inbound and 1 for outbound	4; 3 for inbound and 1 for outbound
Max Video Throughput per NIC	200 Mbps	200 Mbps
Max Aggregate Video Throughput	400 Mbps	800 Mbps
<b>Client Requirements</b>		
Operating System	Windows 10 or Mac OS Yosemite and later	Windows 10 or Mac OS Yosemite and later
Processor	Intel Core i3 or higher	Intel Core i3 or higher
Memory (RAM)	4GB minimum	4GB minimum
Hard Drive	100GB minimum	100GB minimum
<b>Warranty</b>		
Software	1 year	1 year
<b>Part Numbers</b>		
S2-NETVRSS	Supports up to 64 IP camera streams or up to 128 IP camera streams. The level of IP camera stream support is dependent on customer-provided hardware and must follow the minimum specifications on the S2 NetVR Software Solution datasheet.	
S2-SWVR-1C	IP camera license for S2 NetVR software solution	

For more information, please visit [www.s2sys.com](http://www.s2sys.com).