



VyneWatch™ At A Glance

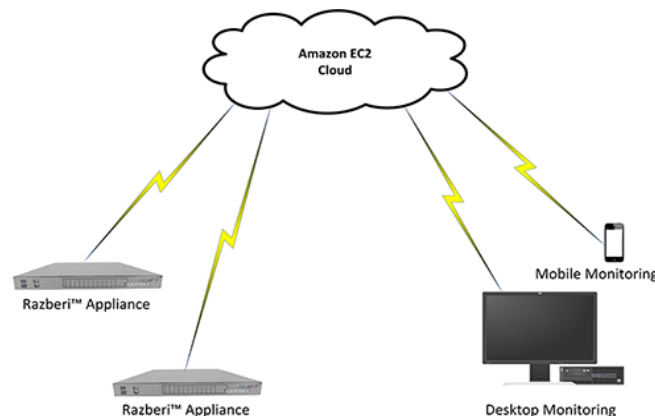
- Monitor surveillance system health from anywhere
- Prevents loss of critical video
- Cloud-based service accessible from anywhere with any device
- Receive email alerts based on the critical events you choose
- Provides a practical method of alerting support personnel to site problems
- Compatible with any razberi ServerSwitch certified VMS
- Supported on all razberi hardware – included with new appliances; upgrade for field units
- Available from authorized razberi business partners

Monitor the Health of Your Surveillance System Every Minute of Every Day

VyneWatch™ is the first cloud-based service that keeps you informed of the status of your video surveillance system regardless of the VMS software in use. In combination with the industry's leading all-in-one video recording appliance, the razberi ServerSwitch™, VyneWatch allows you to monitor the health of video surveillance systems at remote sites, preventing scenarios where critical video is not being recorded.

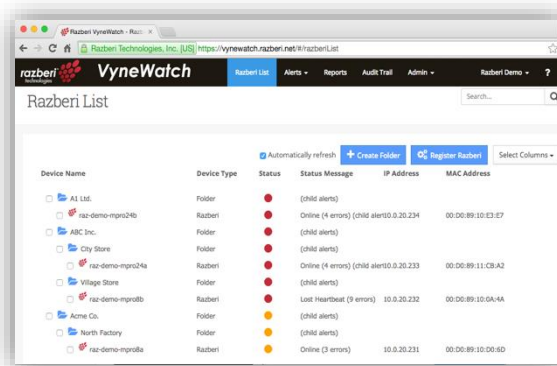
It's All in The Cloud

Leveraging the power and flexibility of cloud technologies, VyneWatch closely monitors the health and performance of your surveillance system and the razberi ServerSwitch hardware. Once connected to the VyneWatch service, the Razberi reports system health at regular intervals to ensure timely and accurate information and alerts. Users may login to VyneWatch from anywhere through its easy-to-use browser-based interface.



All The Details Are Covered

VyneWatch is designed to provide the user with a rich level of detail about the surveillance system performance, configuration, and current status. With sensors covering the CPU, memory, disk subsystem, network ports, and the PoE camera ports, you'll have all the information you need to peer deep into the inner workings of the ServerSwitch without the need to travel to the unit.



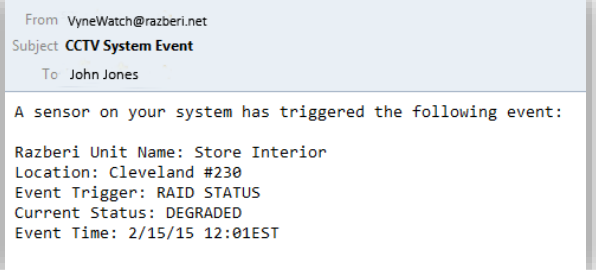
Easy User Interface

The VyneWatch user interface is clean and user-friendly so you can get all of your ServerSwitch details at a glance. Its intuitive user experience allows the user to quickly ascertain the health of a video surveillance system and setup automated alerts for various conditions.

Instant Event Notification

VyneWatch will automatically send an alert whenever one of these events is triggered. You never have to worry about being unaware of the health of your system again!

To ensure you never miss a critical failure that may affect the ability to record video footage, VyneWatch users can setup automated alerts for events such as **Lost Heartbeat, Disk Failure or RAID Error**. As soon as VyneWatch detects something is abnormal, it will send alerts to the right people.



More information on all razberi™ products available at: <http://www.razberi.net>



Online Monitoring

With the ability to monitor sensors remotely, such as your hard disk performance, you'll never need to guess what's going on with your video surveillance system thanks to VyneWatch!

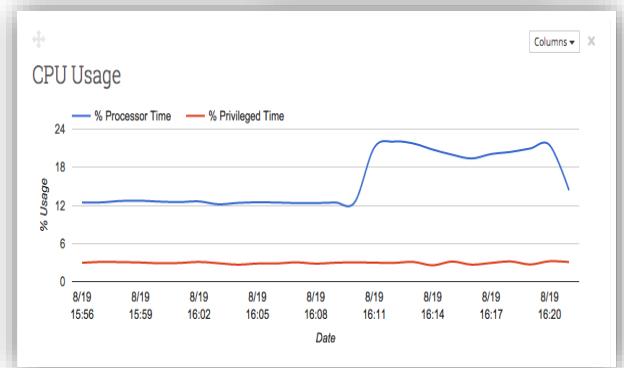
Easy Setup

VyneWatch is included in all new razberi appliances. Field units require an easy software upgrade. Activation of units can even be done remotely.

Information Being Monitored and Reported

The following information is recorded and accessible through VyneWatch.

Automated Alerts: currently available for **Lost Heartbeat, RAID Errors and Disk Failures.**



razberi Appliance	Serial Number	
	Model & Machine Name	
	Time/Time Zone	
	Operating System Name/Version	
	OS Serial Number/Install Date	
	Last Heartbeat Time	
	Registration Time	
	Last Update Time	
	Cameras	Port (number, enabled, mode)
		Link Speed
PoE (enabled, mode, class)		
MAC binding enabled/address		
Camera status		
Camera resolution, frame rate, bitrate		
Tx/Rx packets		
PoE voltage/current/power		
PoE overloaded		
NIC		IP Addresses
	MAC Addresses	
	Subnet Masks	
	Gateway	
	Interface Names	
	DNS Servers	
	Link Speed	
	Rx/Tx Bytes/sec	
	In/Outbound packets/errors/discarded unicast/multicast	
	Output Queue Length	
	Offloaded Connections	
	Switch	Port Count
F/W Version		
IP/MAC/Subnet/Gateway		

CPU	Model
	Frequency/Clock Speed
	Number of Cores
	Number of Logical Cored
	Percent Used
	Percent Privileged Time
HDD	Model
	Serial Number
	Capacity
	Firmware Version
	Partition Count
	Volume Name/Label
	Free Space
	File System Type
	R/W rates
	Seconds/Disk Transfer
	Bytes/Disk Transfer
	Transfers/sec
	Disk Queue Length
	Percent of Time Idle
	Percent of Time Used
	RAID Level
RAID Status	
SATA Speed	
Manufacturer	
Memory	Capacity
	Quantity
	Configuration (1x 4GB or 2x 2GB, etc.)
	Percent Used
	Available Bytes
Committed Bytes	