# razberi™ VyneWatch

**Surveillance Health Monitor**

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

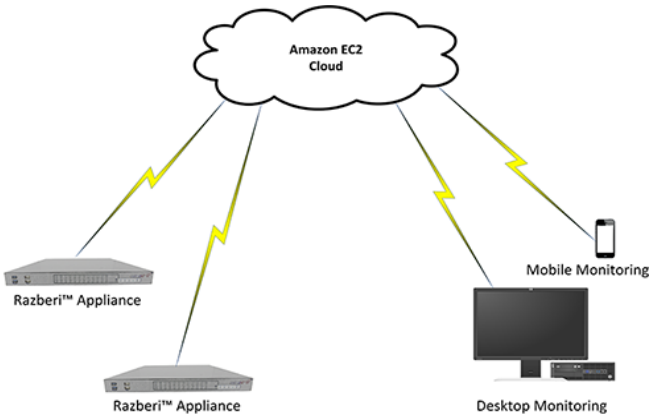
VyneWatch™ is the first cloud-based service that keeps you informed of the status of your video surveillance system regardless of the VMS software in use. In combination with the industry's leading all-in-one video recording appliance, the razberi ServerSwitch™, VyneWatch allows you to monitor the health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

## 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

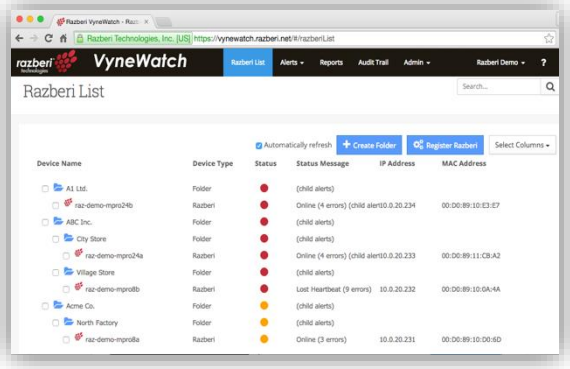
## It's All in The Cloud

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.



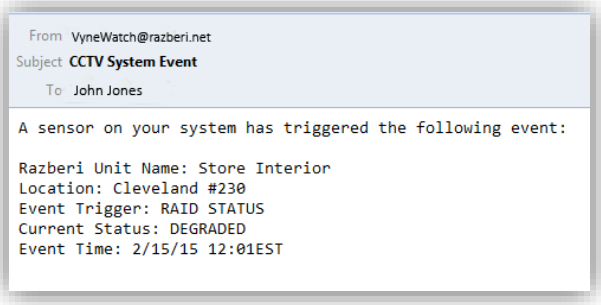

## Easy User Interface

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.

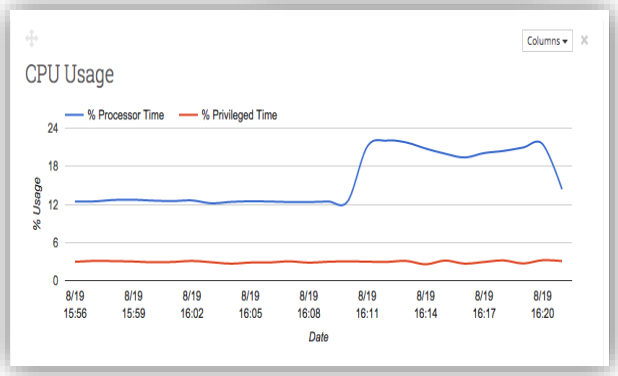



More information on all razberi™ products available at: http://www.razberi.net

# VyneWatch

## 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 |



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