

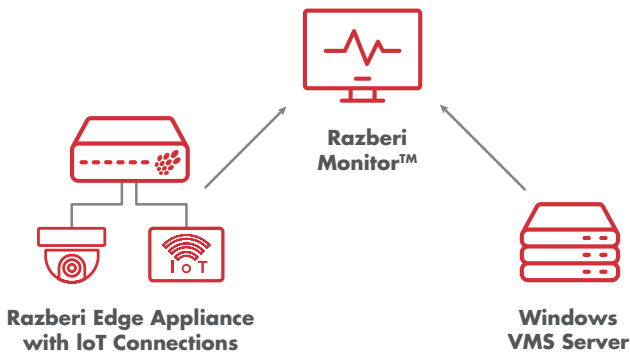
Simple, Secure  
Video Surveillance and IoT

# Razberi Monitor™

Real-time AI-powered cybersecurity and system health monitoring for video surveillance and IoT devices



- *Surveillance Uptime Assurance*
- *Continuous Cyberthreat Monitoring*
- *Instant Issue Identification*



## Find issues before they become bigger problems

Ensure that your mission-critical surveillance is working as expected. Perform continuous checks on system health and cybersecurity with on-premise and cloud-based solutions. Reduce truck rolls and the time required to diagnose problems.



### Powerful Features

- Camera and IoT security monitoring
- Camera video stream monitoring
- Server health monitoring
- Continuous malware monitoring
- Simple remote management
- Intuitive and actionable dashboards



### Advanced Automation

- Automatic IoT device discovery
- AI-based endpoint security
- Automated software updates
- Audit log event capture
- Real-time SMS & email alerts
- As-built reporting for cyber compliance



### Seamless Integrations

- Video Management Systems
- Security Information and Event Management Systems
- Alarm Monitoring Systems

# Razberi Monitor™

## Specifications

Cloud Host	Amazon Web Services
Secure Cloud Communications	HTTPS TLS1.2 (uni-directional)
Single Connection to Cloud	HTTPS Web Proxy Support
Default Port (outbound only)	HTTPS (443/tcp)

## Camera Health Specifications

Codecs	H.264, H.265, MJPEG, MPEG4, uLaw
Streaming Protocol	RTSP/RTP/HTTP multipart form/ ONVIF
Transport Protocol	UDP/TCP/HTTP tunnel/ RTSP tunnel

## Alarm Management Integrations

Video Management Software	Milestone XProtect
Security Information and Event Management Systems	SolarWinds
Event Messaging Protocol	Syslog

## Cybersecurity Integrations

Antivirus	CylancePROTECT
IoT Protection	Razberi CameraDefense

## Compliance

Audit Log	Supports NERC Critical Infrastructure Protection CIP-007: Cybersecurity - Systems Security Management
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## System Requirements - Razberi Monitor premise application

Operating System	Microsoft® Windows® 10 Enterprise (64-bit)
	Microsoft® Windows® Server 2012 (64-bit)
	Microsoft® Windows® Server 2016 (64-bit)
.NET	Microsoft® .NET 4.7.2 Framework

## Alerts Martix

	Server SwitchIQ	Endpoint Defender™	Core	3rd Party Server
<b>Hardware Alerts</b>				
Unit Offline	✓	✓	✓	✓
Unit Online	✓	✓	✓	✓
Disk Health	✓	n/a	✓	✓
RAID Health	✓	n/a	✓	✓
CPU Temperature	✓	n/a	✓	✓
Switch Offline	✓	✓	n/a	n/a
EndpointDefender Offline	✓	✓	✓	✓
Switch Traffic	✓	n/a	n/a	n/a
<b>OS Alerts</b>				
Unexpected Shutdown	✓	n/a	✓	✓
Bugcheck Reboot	✓	n/a	✓	✓
File System Unstable	✓	n/a	✓	✓
<b>IoT Alerts</b>				
Camera Video Loss	✓	✓	n/a	n/a
Camera Audio Loss	✓	✓	n/a	n/a
Camera Excessive Reconnects	✓	✓	n/a	n/a
<b>Cyber Health Alerts</b>				
Malware	✓	n/a	✓	n/a
Unauthorized Device	✓	✓	n/a	n/a
Default Password	✓	✓	n/a	n/a
Common Password	✓	✓	n/a	n/a
Whitelist Violation	✓	✓	n/a	n/a
MAC Spoofing	✓	✓	n/a	n/a
<b>License Alerts</b>				
License Expiration	✓	✓	✓	✓