

VUNETRIX

The Secrets of Protecting Your Security Environment from Lost Video Data

www.vunetrix.com

Why should you be thinking about lost video data?



INTRODUCTION

Beyond the video devices lies an integrated network with areas of vulnerability that could disrupt or knock out your video surveillance. Video loss means security holes that can put your entire company, your customers, and the public at risk of physical, electronic, and financial loss. In short, video loss is a serious threat to your company's security.

Why should you be thinking about lost video data?

Your Security professionals need a way to ensure the reliability of your video, reporting in real time about the status and vulnerabilities of your entire network. This solution needs to integrate bandwidth-heavy IP-based video equipment into high-traffic networks without slowing any of your security components. You cannot guarantee what you cannot monitor.

This eBook discusses how to minimize the risks of video loss to your business. We hope to pique your curiosity how a tool that integrates your network and devices can combine with real-time alerts to deliver better monitoring and reporting, and therefore ensure video reliability.



The Threat: Missing Video

Internet Protocol (IP) video surveillance is a smart investment for companies who want to mitigate their risk and reduce their liability. However, sometimes, video data gets lost. The problem lies in the reliability of the monitoring infrastructure. Despite investment size, device quality, and team performance, missing video continues to thwart physical security teams.

Why is this happening?

First, IP-based security video requires a lot of bandwidth and storage capacity and creates complex configurations with a large number of variables. Second, IT monitoring tools have often not been configured to monitor video behavior, nor detect many of the causes of missing video.

The Secret

Benefits of Surveillance System Monitoring with Vunetrix

Uptime: Vunetrix ensures that surveillance cameras are online and functioning normally.

Delivery: Vunetrix confirms that video streams are actually sending data. Vunetrix warns if and when networks are behaving abnormally and could potentially fail or have already failed.

Compliance: Vunetrix stores real-time and historical data about the performance of your surveillance system. Your team can access performance and compliance reports on demand as well as review daily, monthly, quarterly, and yearly summaries.

“You can have data without information, but you cannot have information without data.” — Daniel Keys Moran



Surveillance System Monitoring

Why is system monitoring with Vunetrix the secret to stopping video loss? Vunetrix technology is always on, informing you right away if part or all of the surveillance system might or has failed. Vunetrix continuously alerts you of real-time issues so that you can respond proactively and immediately.



Wait: How do you know your system is always on?



It may seem like a simple question, but every company has a different definition of what “on” really means. To safeguard your environment, we recommend incorporating the following into your security protocols.

KNOW YOUR NORMAL

Safeguarding your environment begins with understanding how your physical security network should be behaving. Companies must establish benchmarks, set thresholds and then set up notifications for threshold breaches. Providing context around the physical security network’s normal operating behaviors allows Vunetrix to set specific data thresholds for each mission-critical device connected to the physical security backbone. This context-specific approach is what we call, “Know Your Normal.”



DETECT ANOMALIES

When a device is not behaving normally, Vunetrix detects this abnormality. If too much or too little data is coming from a device, Vunetrix sends an alert.
Key Alerts: Hard Drive Failure, Memory Failure, Bandwidth, On / Off, Recording, Temperature, Back Up Power Failure, and many more.

RESPOND WITH CONTEXT

Not every alert is equal. Vunetrix provides organizations with the context around each alert empowering better decision-making.
With Vunetrix on board, companies know: Where there’s a problem, The nature of the problem, how to respond. Alerts can also be customized and individualized per operational duties. The identification of an incident gives Security professionals the opportunity to respond before the loss of valuable data and their environment becomes compromised or breached.



“Without real data, you’re just another person with an opinion.” W. Edward Demming

Conclusion

So what's the secret to protecting your security environment from video loss? Surveillance system monitoring with **Vunetrix**. Our always-on technology alerts you in real time of any system breaches, snags or failures that could lead to video loss and threaten your company's security.

To learn more about how our tool supports Security professionals, download our white paper, ["Understanding the Challenges and Complexities of Physical Security Networks."](#)

ABOUT VUNETRIX

Vunetrix is software for the Security professional, empowering them to efficiently and productively navigate the health of their IP security technology.

Better yet, our technology integrates with various OEM devices connected to the physical security backbone and delivers them in a single-view dashboard. Vunetrix organizes both live and historical data about your physical security network, so that Security professionals can translate that data into actionable insights.

Simply put, Vunetrix makes the invisible visible.



We invite you to contact us to discuss your concerns about video loss toll-free in the United States and Canada at 1-855 NET VIEW.



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