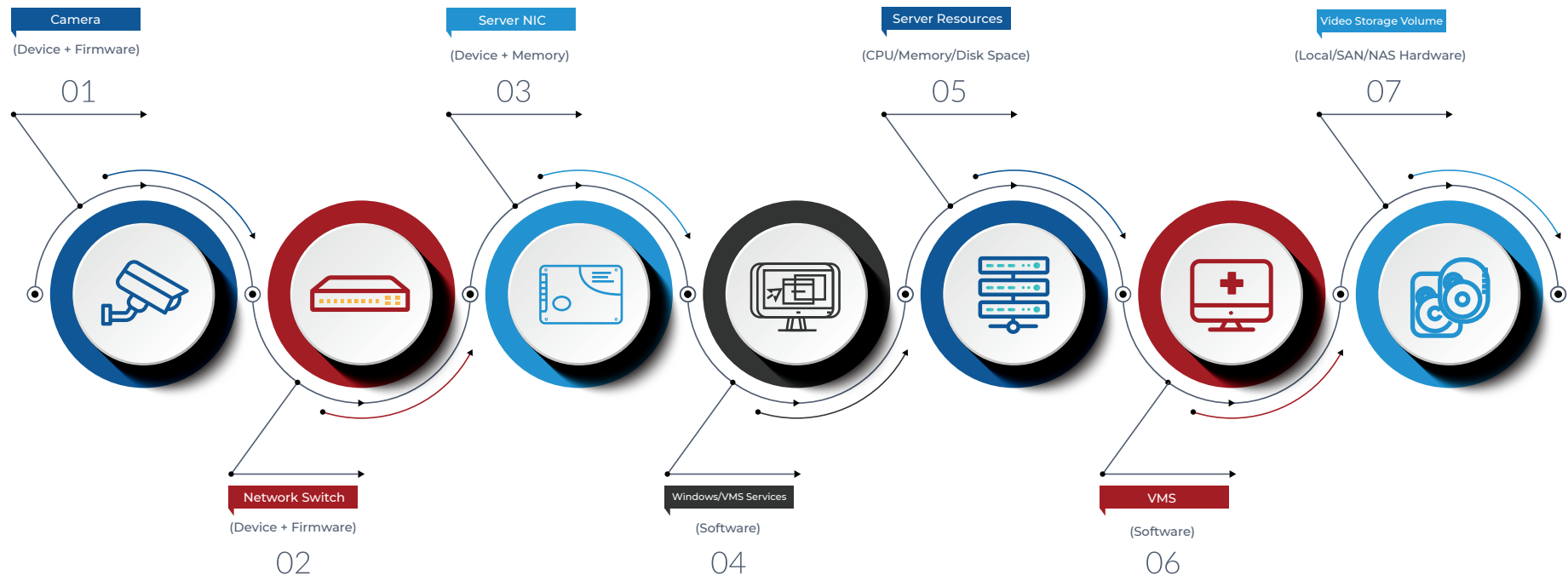


Solving The Missing Video Evidence Problem

Vunetrix is a software tool which:

- **DISCOVERS** baseline thresholds for each IP component connected to a video system,
- **DETECTS** status changes with individual components and
- **ALERTS** in real-time when there is a problem causing Missing Video Evidence.

There are a lot of things that have to go right when an image is captured by a camera and is eventually recorded to digital storage device and available for play back.



01 When cameras are offline, they can't send a video stream. For cameras with SNMP support, Vunetrix not only detects offline status it can detect available bandwidth and alert.

02 Lost video packets which lead to missing video evidence can occur when the Network Switch fails or experiences bottlenecks. Vunetrix detects the failure/bottleneck and alerts.

03 If the Server NIC port is not functional video streams are not available to the VMS and missing video evidence can occur. Vunetrix detects NIC availability and bandwidth and alerts when NIC fails.

04 Vunetrix monitors the services which support the VMS itself. If those services stop running, (the software 'hangs'), Vunetrix detects, reports and can automatically re-start the service if needed.

05 NVRs may not notify when the server's CPU/Memory has been overconsumed or used too much disk space. This has the potential to affect video quality or prevent the recording of video evidence. Vunetrix detects insufficient resources and alerts.

06 (API integrations with Exacq Vision, Milestone, Wavestore provide even more detailed information about video streams at the software layer. Ask about additional integrations coming soon.)

07 Vunetrix can monitor hardware disk health or RAID/Array Health metrics to determine when the physical or logical disk systems are compromised (pre-failure, failed, disconnected) which can adversely affect Video Evidence storage.