

HEALTHCARE VIDEO MONITORING WITH GENETEC

Patient Safety Without Compromised Privacy

SOLUTION READINESS – NOW AND IN THE FUTURE

Grow with a scalable platform

- Confidently scale to hundreds of devices or easily expand your operations across the continuum of care

Protect patient privacy, enable compliance with HIPAA and GDPR requirements

- Use built-in video redaction capabilities to automatically blur out the faces of patients or visitors in video frames, in real-time or after-the-fact

Control security on or off-premise

- Increase security compliance and patient safety, e.g. hospital staff and visitor supervision, patient fall risk monitoring, Alzheimer patient movement tracking, surgical procedure recording

Monitor security from anywhere

- Build one or many central control rooms and access all your systems from any location

Respond quickly in a dynamic environment

- Assign defined alarms and response strategies in advance for a variety of situations. Employ the threat-level feature to quickly change the behavior of the security system in response to changing security conditions and potential threats

Authorize video access using user profiles

- Restrict access to real-time or recorded video from unauthorized viewers and grant unblurred video viewing to only those who need to see it

The need for surveillance automation within healthcare environments

While all organizations recognize the need to ensure the safety and security of their information, it's front and center of healthcare organizational strategies as they deliver optimum patient care while protecting highly sensitive and confidential information. To help address this increasingly complex and dynamic environment across the continuum of care, healthcare organizations are investing in automated video surveillance solutions.

Not only do these organizations want flexible surveillance systems to better manage patient and staff safety, but they also require solutions that enable them to comply with HIPAA and GDPR requirements.

Solution: A Software-Defined, Hyper-Converged Automated Video Surveillance Platform

The Genetec and Dell EMC Video Monitoring solution creates an open IoT Surveillance Architecture that features a software-defined, hyper-converged platform. The offering combines lab-validated hardware and software ([Dell Technologies Lab Validation Partners](#)), and is designed to work together to support computer vision and machine intelligence capabilities from edge to core to cloud.

The solution's built-in video redaction capabilities blur out faces of patients or visitors in video frames, keeping identities for viewing only by authorized users. Integrated micro-segmentation security measures facilitate over-the-air updates and security patches in real-time to all surveillance devices.

Additional holistic management capabilities with VMware Pulse IoT Center and software-defined data center (SDDC) storage address informational and operational technology efficiencies.

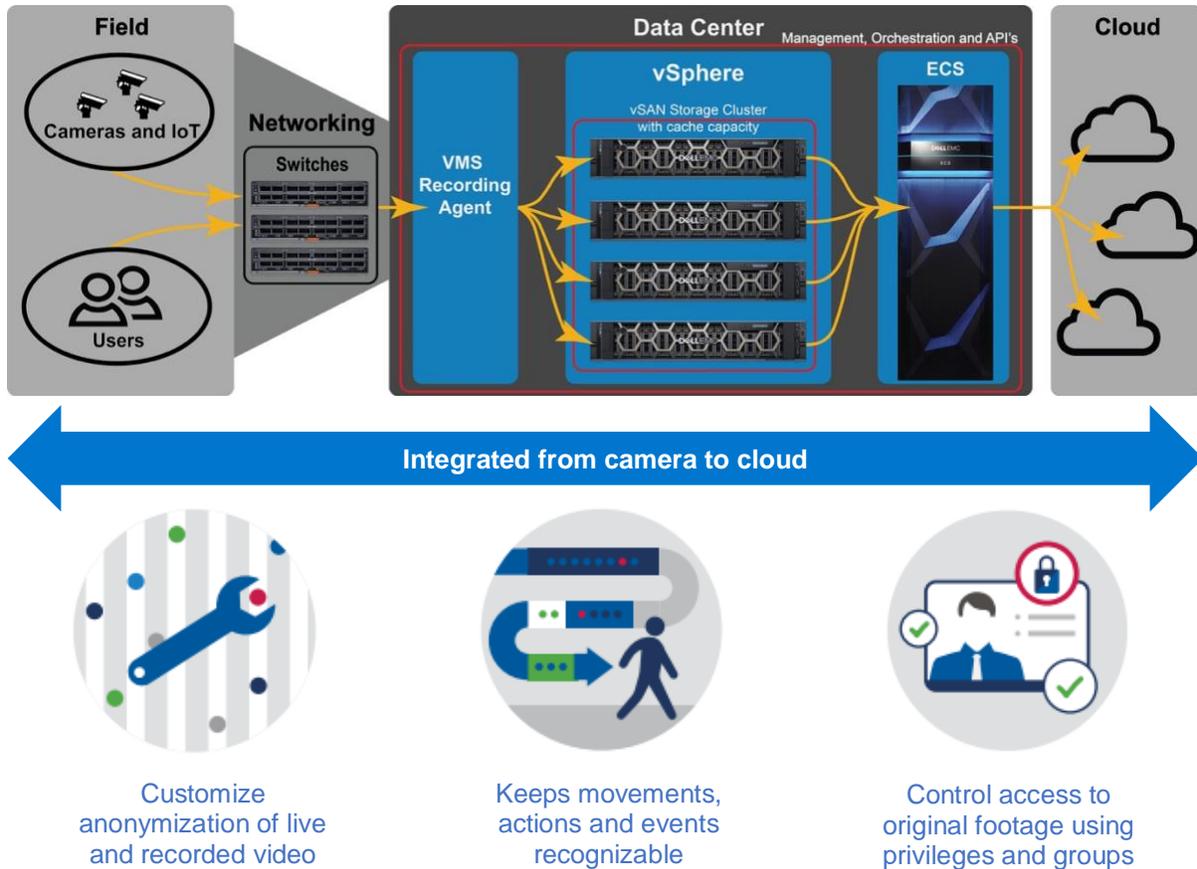
The built-in automated fault-tolerance delivers scaling capabilities up to 50PB that can be used either for private, on/off-premise, or hybrid data storage on a VSAN cluster or Elastic Cloud. Open architecture allows for customization and adaptation to changing technologies or industry regulations when you need to future-proof your investment.

A comprehensive solution: integrated from the camera to the cloud

Customize anonymization of live and recorded video: Select individual cameras and control the level and type of anonymization to use, such as pixelation, blurring or obscuring using opaque coloring.

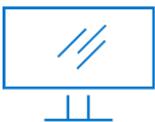
Keep movements, actions and events recognizable: Anonymize individuals in the camera's field of view without obscuring actions and movements. This ensures your ability to proactively monitor events is not affected.

Control access to original footage using privileges and groups: Easily control which operator can review the original footage using permissions settings. When an incident occurs, authorized operators can access it directly from the monitoring interface, ensuring investigations are not slowed down. The original recording can also be encrypted using certificates and chip cards to prevent unauthorized access.



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