CAMERA HEALTH REPORTING AND MONITORING

Are you confident your video surveillance system won't miss what matters?

Video surveillance is under growing pressure. Camera networks are expanding rapidly—often into the thousands—while expectations for reliability, transparency, and compliance continue to rise. At the same time, aging infrastructure makes system performance harder to guarantee. Regulatory oversight is increasing with GDPR enforcement and standards such as EN 50710, while escalating cyber threats turn connected devices into prime targets. Together, these challenges make it harder than ever to ensure continuous, trustworthy video coverage.

Increased system complexity and aging devices
Undetected issues can lead to blind spots and security risks—moving beyond manual checks helps minimise exposure and ensure system reliability.

Shift to predictive maintenance
Identify potential issues earlier through regular validation, reducing unplanned downtime and improving maintenance efficiency

Raising regulatory scrutiny on security systems
Consistent testing and structured validation support reliable documentation, helping ensure systems remain compliant with growing regulatory requirements.

The **impact** of yesterday's approach on today's exposure

Continuing with manual checks and reactive fixes leaves organizations exposed. Camera failures often go unnoticed until a critical moment—resulting in gaps in evidence, operational downtime, and reputational damage. Compliance audits become stressful and costly when documentation is incomplete or outdated, and security vulnerabilities in unmonitored devices open doors to attacks. In a world of tightening regulations and rising threats, these outdated practices can lead to financial penalties, legal exposure, and loss of trust.

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Achieve unparallel peace of mind for your video surveillance system

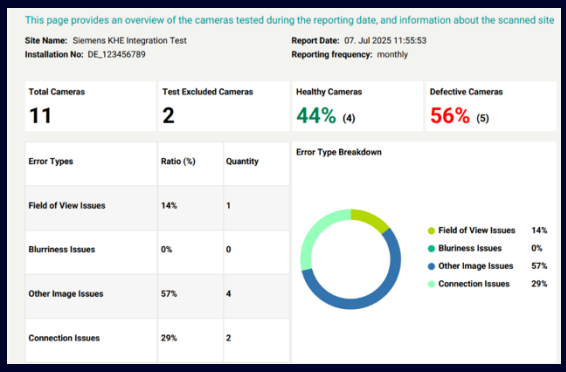
With Siemens Camera Health Reporting, you gain confidence that your video surveillance system is always performing, compliant, and ready when it matters most.

- **Enable more frequent video functional tests** to detect issues early
- **Gain full transparency** to prevent failures before they happen
- **Stay audit-ready and compliant** with automated reports aligned with GDPR and EN50710

Key Capabilities that keep your video Surveillance reliable

Functional Test Reporting

- **Increased functional test frequency:** You'll receive functional test results as often as you need, covering all your IP cameras.
- **Clear Functional Test Results:** You'll gain a You'll gain precise understanding of your cameras' operational status and performance, ensuring you always know if they're operating as expected.


This page provides an overview of the cameras tested during the reporting date, and information about the scanned site

Site Name: Siemens KHE Integration Test
Installation No: DE_123456789
Report Date: 07. Jul 2025 11:55:53
Reporting frequency: monthly

Total Cameras	Test Excluded Cameras	Healthy Cameras	Defective Cameras
11	2	44% (4)	56% (5)

Error Types	Ratio (%)	Quantity
Field of View Issues	14%	1
Blurriness Issues	0%	0
Other Image Issues	57%	4
Connection Issues	29%	2

Error Type Breakdown

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Data Privacy compliant

- **100% local image processing:**
  You keep all image data on-premise, ensuring maximum protection with no cloud connection or data transmission
- **Password-protected documents:**
  You control access to sensitive reports by securing PDFs with passwords, even during later review or sharing.
- **Automatic anonymization:**
  You protect personal privacy as people and are automatically obscured before images appear in reports.

CAMERA HEALTH MONITORING

Ensure continuous camera performance with Health Monitoring

In addition to functional test reporting, Camera Health Monitoring extends system insights from periodic validation to continuous oversight. While reporting delivers structured, audit-ready transparency, monitoring focuses on continuous operational assurance through automated remote monitoring of testing solution and camera functional test results.
This enables early detection of camera issues and supports faster response through integrated service workflows, including automated ticket creation.
Available as a standalone add-on, Camera Health Monitoring provides proactive system supervision; however, its full value is realised when combined with System Remote Health Monitoring to deliver continuous visibility and documented performance over time across the entire video system.

Camera Health Reporting provides documented proof of performance, while Camera Health monitoring adds continuous operational awareness of your IP camera.

Positive Results

Here are some actual results others have achieved by working with Siemens Security Digital Services:

Customer objective: To ensure uninterrupted surveillance across their vast facilities and meet the strict aviation security compliance standards required for airport operations.

Siemens solution: Siemens Security Digital Services were implemented, enabling automated, daily health checks across their extensive network of 1,200 cameras.

Positive results achieved: The airport experienced early detection of failures, which significantly reduced downtime, and their audit readiness improved dramatically, ensuring continuous security and compliance

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About Siemens

Siemens combines digital capabilities with service expertise to support secure and reliable building operations. With a global service organization and strong experience in security systems, Siemens helps customers ensure system availability, transparency, and long-term performance.

Contact us

Take the next step toward proactive video system management. Camera Health Reporting is part of Siemens' structured service portfolio, designed to support your journey from reactive to fully managed operations. Explore our portfolio approach to discover how you can scale your service model based on your needs and priorities.

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