



HealthCheck

www.gcxone.com/HealthCheck
NXGEN Technology AG



Enterprise Camera Health Monitoring.

Automated. Intelligent.
Always On.

HealthCheck continuously monitors every connected camera, automatically detecting connectivity failures, image quality issues, tampering, and operational problems before they impact your security operations.



Camera Online
Health **98%**



Signal Stable
Strong



Live Stream
1080p / 25fps



Last Check
00:15 ago



Health Verified
No Issues Detected



Continuous Monitoring

Automatically verifies every connected camera around the clock.



Intelligent Diagnostics

Detects image degradation, glare, obstruction, low light, and camera movement.



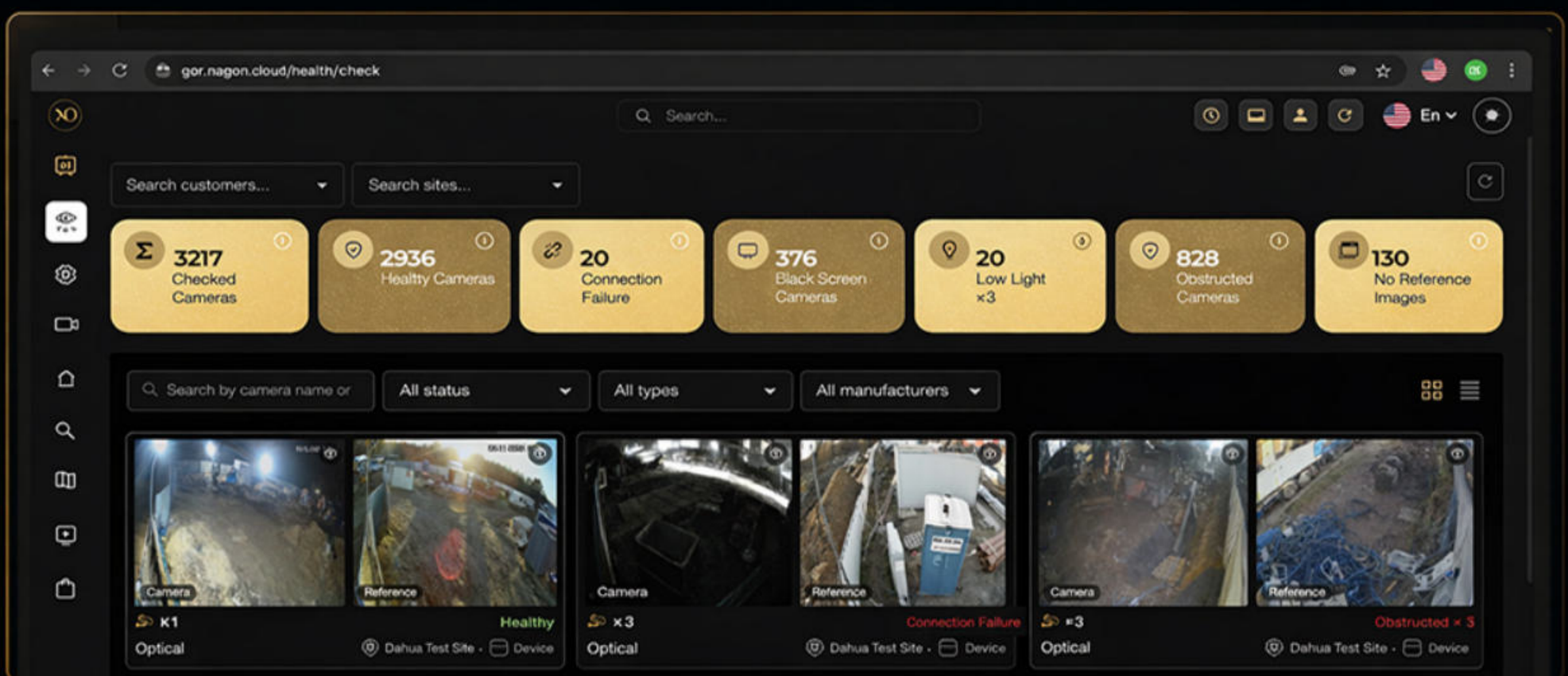
Instant Alerts

Identify failures before they become operational risks.



Automated Reporting

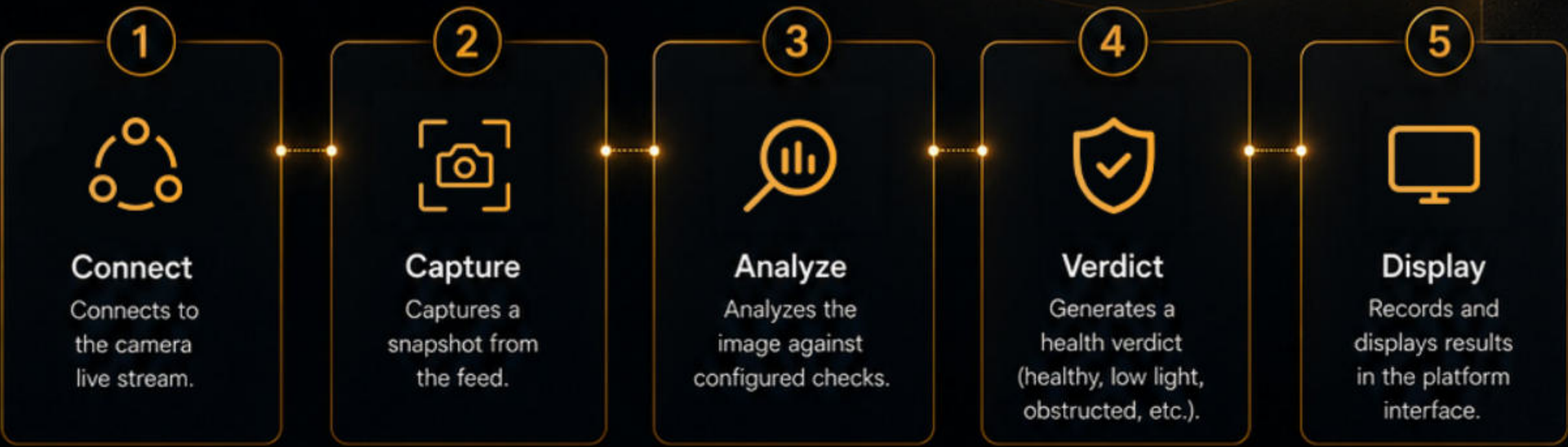
Generate detailed health reports for compliance and maintenance.



How Healthcheck Works



HealthCheck runs automated checks on your cameras to ensure they are online, streaming and delivering a valid image.



HealthCheck runs automatically on a schedule or on demand. Operators can trigger manual checks from the interface at any time.

What Gets Detected

Offline / No Connection

Low Light

No Video

High Glare

Obstruction

Camera Movement

Tampering

Color Bars

AI-Based Diagnostics (Advanced Mode)

Advanced mode uses AI models to detect complex anomalies such as obstruction, tampering, tilt, and other visual issues.

Camera Type	Manufacturer	Last time checked	Ref Image	State	Actions
camera	camera	05/03/2026 - 10:32		Healthy	VIEW
camera	camera	05/03/2026 - 10:33		Healthy	VIEW
camera	camera	05/03/2026 - 10:33		Healthy	VIEW
camera	camera	08/03/2026 - 10:14		Unhealthy	VIEW
camera	camera	08/03/2026 - 10:14		Unhealthy	VIEW
camera	camera	08/03/2026 - 10:14		Unhealthy	VIEW
camera	camera	08/03/2026 - 10:14		Unhealthy	VIEW
camera	camera	08/03/2026 - 10:14		Unhealthy	VIEW
camera	camera	08/03/2026 - 10:14		Unhealthy	VIEW

HealthCheck Monitoring Modes

Choose the right mode for your operation.
Scale from essential monitoring to
AI-powered analytics as your needs evolve.



Capability	Basic	Plus	Advanced
Camera Online Verification	✓	✓	✓
Camera Failure Alerts	✓	✓	✓
Detailed Reports Per Site	—	✓	✓
Customizable Check Frequency	—	✓	✓
Blocked / Tampered Camera Detection	—	—	✓
Low Light & Obstruction Detection	—	—	✓
Image Quality & Focus Assessment	—	—	✓
AI-Based Anomaly Detection	—	—	✓
Interactive Monitoring Dashboard	—	—	✓

Maintenance Strategy	Reactive	Proactive	Predictive
Frequency	Every 12 Hrs	15 Min - 4 Hrs (Configurable)	Flexible
Event Codes	Camera.health.fail Camera.health.normal	Camera.health.fail Camera.health.normal	analytics.healthcheck analytics.novideo

Built for Enterprise Reliability

HealthCheck strengthens uptime, reduce risk, and keeps your operations running at peak performance.



Operational Efficiency

- ✓ Automated monitoring eliminates manual inspections
- ✓ Instant issue detection saves time and resources
- ✓ Flexible scheduling and on-demand checks



Camera Reliability

- ✓ Detects offline and connectivity failures
- ✓ Identifies obstructions, glare, low light & tampering
- ✓ AI-powered diagnostics ensure accurate results



Business Continuity

- ✓ Scheduled reports for compliance & audits
- ✓ Alarm integration with automated workflows
- ✓ Proactive insights minimize downtime

The screenshot displays the HealthCheck dashboard. On the left is a sidebar with navigation options: Settings, General, User Profile, Roles, Users, Reports (highlighted), Tags Management, Switch Tenant, and Logout. The main content area is titled 'Reports' and includes a sub-header 'Manage report schedules and view delivery logs'. Below this are three summary cards: '5 Active Schedules', '26,643 Reports Sent (This Month)', and '148 Failed Deliveries'. A 'Quick Actions' section contains a '+ Create New Schedule' button. The 'Schedule' section features a table with the following data:

SCHEDULE	CUSTOMERS	SITES	FREQUENCY	NEXT RUN	Report Type	STATUS	ACTION
Test	1	2-4	daily	Sunday 2:36 PM	Healthcheck	Active	
tc dana	1	4	daily	Friday 4:00 PM	Healthcheck	Active	
test test	1	2	daily	Saturday 11:42 AM	Healthcheck	Active	
dana test	1	4	daily	Saturday 11:42 AM	Healthcheck	Active	
Es Test	1	4	daily	Monday 10:22 AM	Healthcheck	Active	

At the bottom right of the table, it says 'Rows per page: 1 1-5 of 5'. The footer of the dashboard shows 'Showing 25 out of 162 cameras' and a pagination bar with '1 2 3 ... 8 Next'. A QR code is located in the bottom right corner of the dashboard area.