Remote video monitoring

Always watching. Always protecting.

Revision 1.0

Introducing AC SIRIX: Your Remote Monitoring Command Centre

- **AC Sirix** is a fully remote command center designed to provide real-time monitoring and alarm verification services for your business.

- With **AC Sirix**, our expert team monitors your property 24/7, ensuring quick response to potential threats and instant alarm verification.

- Whether it's verifying alarms or providing continuous surveillance, **AC Sirix** offers a seamless, technology-driven solution to keep your business secure, anytime, anywhere.

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Market overview

North America's commercial sector is experiencing a significant increase in theft and other crimes, prompting business owners to enhance their security measures to safeguard their assets, employees, visitors, and infrastructure.

Reflect on these alarming statistics:

> **Automotive theft surge.** Between 2019 and 2023, automobile thefts in the United States climbed by an alarming 27.43%. In Canada, auto theft rates increased dramatically between 2021 and 2023, with Ontario up 48.2%, Quebec up 57.9%, and Atlantic Canada up 34%. These figures indicate a considerable danger for parking lots and vehicle dealerships.

> **Escalating gun-related crime.** Between 2019 and 2023, active shooter incidents in the United States climbed by 60%. Gun-related crime in Canada has increased by 42% since 2013, showing a growing safety problem for North America's society and business environments.

> **Construction site theft.** Construction sites in Canada report approximately $46 million in stolen equipment annually, while in the USA, the annual loss ranges from $300 million to $1 billion, emphasizing the need for better security measures.

> **Retail sector challenges.** Shoplifting rates in Canada soared by 31% in 2022 alone. Furthermore, some members of the Retail Council of Canada report theft increases of up to 300% since 2020, with annual losses reaching approximately $5 billion. Comparatively, the U.S. saw losses of US$112.1 billion in 2022 due to theft and organized retail crime, up from US$93.9 billion the previous year, indicating a global trend in rising retail crime.

Security synergy

Remote Video Monitoring elegantly combines the precision of advanced technology with the discernment of human oversight. Initially, an array of security devices—including cameras, motion detectors, and radars—vigilantly scans for any unusual activity or potential threats, promptly relaying alerts to our command center. Upon receiving an alert, our dedicated operators quickly review the footage to verify the situation. Once a threat is validated, they meticulously adhere to each client's Standard Operating Procedure (SOP). This may involve issuing verbal warnings via on-site loudspeakers, deploying security agents, contacting property owners, or alerting law enforcement. Together, our integration of cutting-edge technology and skilled human response forms a formidable shield, fortifying the security landscape with unmatched reliability and strength.

Secure horizons.

**Thwart threats with powerful voice interventions.**

Syncing security.

How do we connect your devices to our command center.
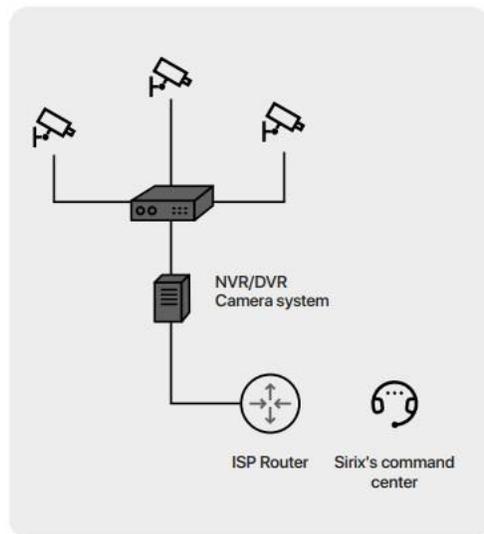
Scenario 1
Your NVR is directly integrated with the Sirix portal, eliminating the need for additional hardware. For most manufacturers, we can also access I/O alarm inputs/outputs and audio features.
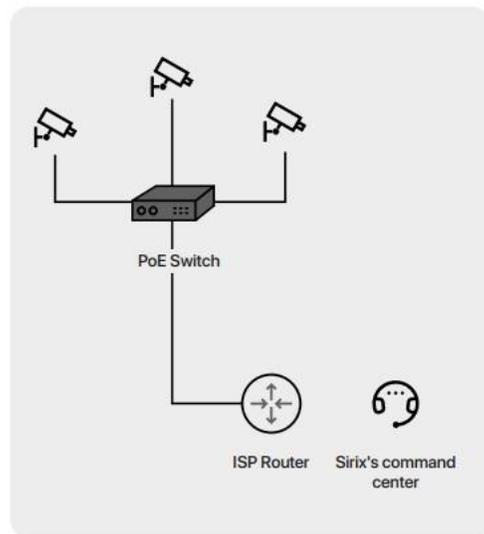
Scenario 2
We support most commercial brands, allowing us to access metadata similar to what an NVR provides. There's no need for an NVR, which is ideal for connecting to solar systems for low energy consumption or minimalist LTE infrastructure.
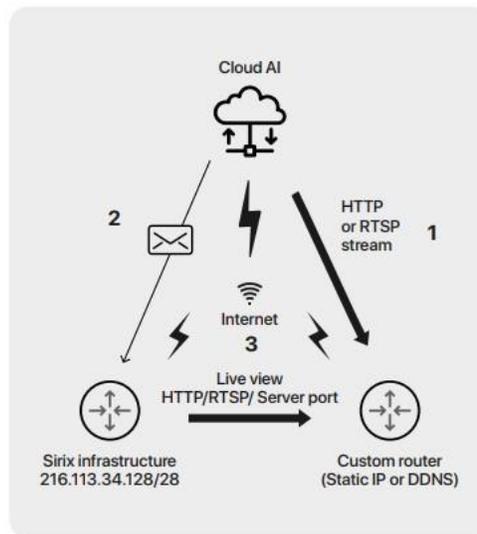
Scenario 3
Cloud AI with port forwarding.

This integration uses port forwarding to continuously stream from the NVR/cameras using RTSP. It is best suited for setups with unlimited internet connections and offers top-notch Cloud AI services for reducing false alarms and improving intrusion detection.
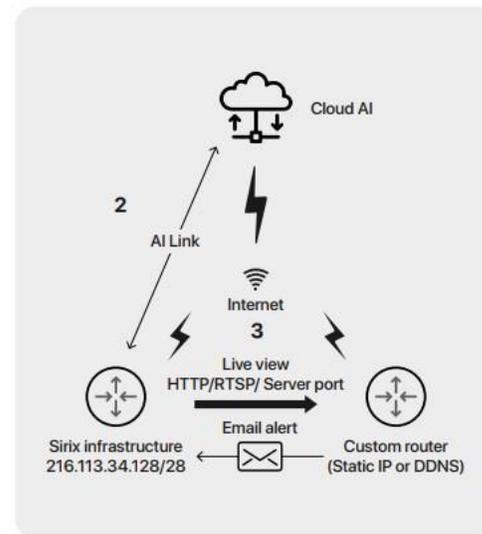
Scenario 4
Cloud AI with video verification.

This integration is designed for limited connections, such as LTE wireless connections with monthly data caps or VPN connections. The NVR/cameras use their built-in AI to send email alerts to Sirix. We then analyze this footage to filter out false alarms.

Connected constellation.

Sirix smoothly integrates with a continuously growing selection of over 500 technology solutions, including access control, alarm systems, audio setups, automation systems, video software, and advanced analytics from our trusted technology partners.

See all integrations

Cawamo   CATHEXIS   Calipsa   brivo   arlo   arcules   American Dynamics   AMAG TECHNOLOGY   Envysion

BOSCH   Bold Technologies   BARIX   AXIS COMMUNICATIONS   alien dvr   ALIBI   AJAX   aimetis   EAGLE EYE NETWORKS, INC.

avigilon   AVA   Matrix   MAS   AGENT   actuate   ACTi Connecting Vision   ABUS Security Tech Germany   SOFTWARE HOUSE From Tech Security Products

MARCH networks   Luxriot Simple yet Powerful   lumeo   LiveSafe   3xLOGIC   3VR   360vision   2N TELECOMMUNICATIONS   secure i

LILIN   LENEL:S2   isentry FROM AI TO ACTION   Genetec   DMP   DW DIGITAL WATCHDOG Everything's Digital   DIGITAL ACOUSTICS   DIGIMERGE Right for Business   ROG

Detection diversity.
Direct connection.

A diverse range of security devices for detecting
threats or breaches can be seamlessly connected
to Sirix's command center.

Regular security camera

Thermal high-temperature camera

Radar

Flood sensor

Fence sensor

Motion detector

Lidar

Door contact

Glass break

Technology

Advanced video analytics

Sirix provides AI-driven features to redefine perimeter
protection and elevate threat detection through video insights.

Object detection
Detect pre-defined objects and stop intrusions.

Long-range object detection
Precise detection of objects at a distance using image analysis.

Mask detection
Identify mask-wearing individuals for health
and theft prevention.

Time-lapse
Showcase project progress in high-definition clarity.

Intrusion detection
Detect unauthorized access and halt intrusions.

Violence detection
Spot violent actions, ensuring immediate safety response.

False alarm filtering
Eliminate 99.5% of false alarms, focusing on real threats.

Gun detection
Detect visible guns promptly, ensuring critical response.

Tailgating (cars)
Spot vehicles using one pass, mitigating issues.

Shoplifting detection AI
Prevent shoplifting through continuous detection of
shoplifting-related gestures.

Technology

Person search
Locate individuals using distinct attributes without facial recognition.

Traffic flow analysis (TFA)
Analyze crowd movements for improved safety, efficiency, and marketing insights.

License plate recognition
Accurate plate detection vital for parking security.

Time alerts (parking lots)
Monitor vehicle duration, alerting on overstays.

Smoke & fire detection
Detect smoke and fire, ensuring swift safety action.

Crowd detection
Analyze crowd behavior and size, providing safety insights.

Loitering detection
Alert based on lingering durations for enhanced security.

Slip and fall detection
Identify falls in real-time, triggering safety measure.

Custom-made AI solution
We can provide customized AI solutions for any industry or business.

Beyond surveillance.

Threat detected

When an intrusion is detected on the site, a video alarm is displayed on one of the operators' stations.

Footage analysis

The operator examines the video footage to confirm the situation.

Voice intervention

The operator performs a voice intervention, the best tactic to keep intruders away.

Operation success

The intruder leaves the secured site.

Event recorded

A report is automatically generated and saved in the client's account in Sirix's portal.

Ultimate deterrence

As the news spread, intruders decide to go elsewhere to commit theft.

Security procedure alternatives

If the intruder does not leave the premises, the security operator will follow the SOP, which may include calling the emergency contact or dispatching police or security guards.

Triple threat shield.

Boost your site's protection threefold with Sirix's
Cloud AI, ensuring unparalleled detection coverage.
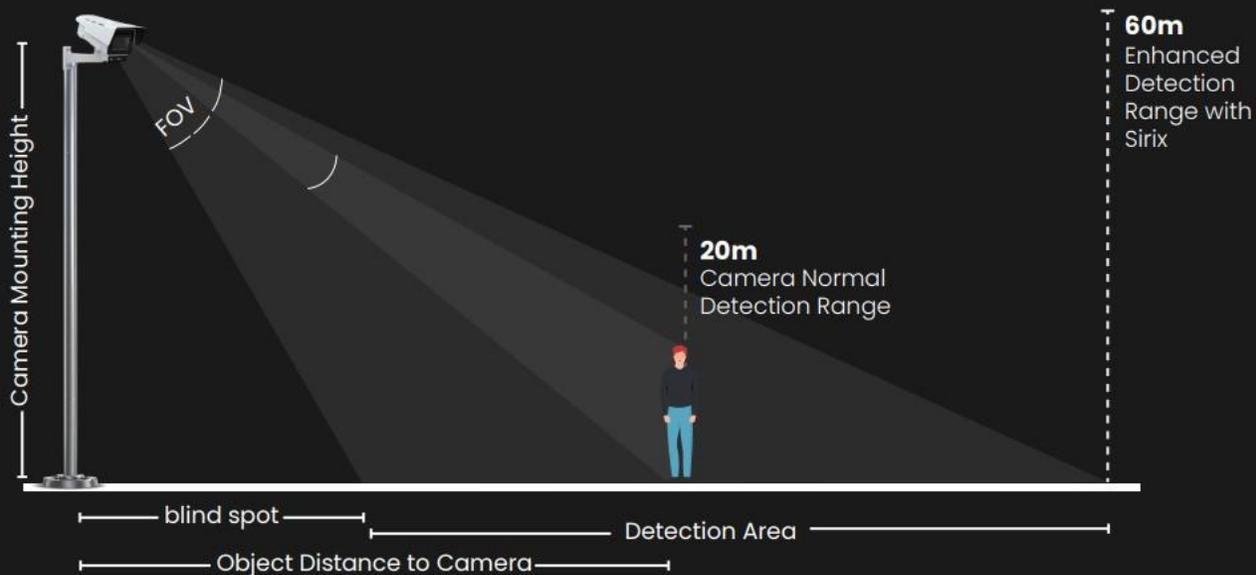
Max range. Max precision.
AI's broadest vigil.

Enhance your camera's AI detection range at its widest angle,
while still maintaining accuracy.

Side view
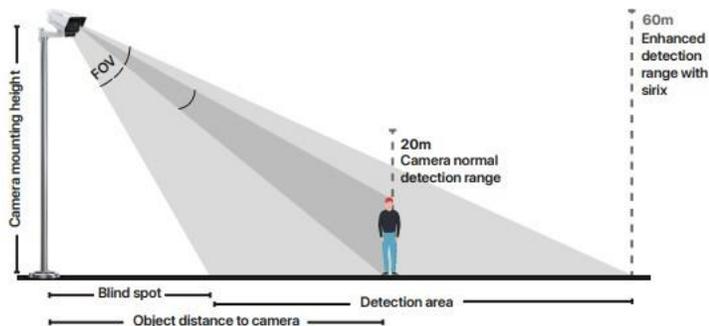
This graphic shows the extended detection range of the camera when set
to its broadest angle **(2.8 mm or 90° HFOV)**.

Top view

This top-down graphic shows the expanded detection area of the camera
with Sirix enhancement, when set to its widest angle **(2.8 mm or 90° HFOV)**.

Insight in sight.

Sirix provides tools for actionable data into your site's security performance.

Site-specific alarm numbers
and outcome reports

Sirix's operator performance
statistics for each site
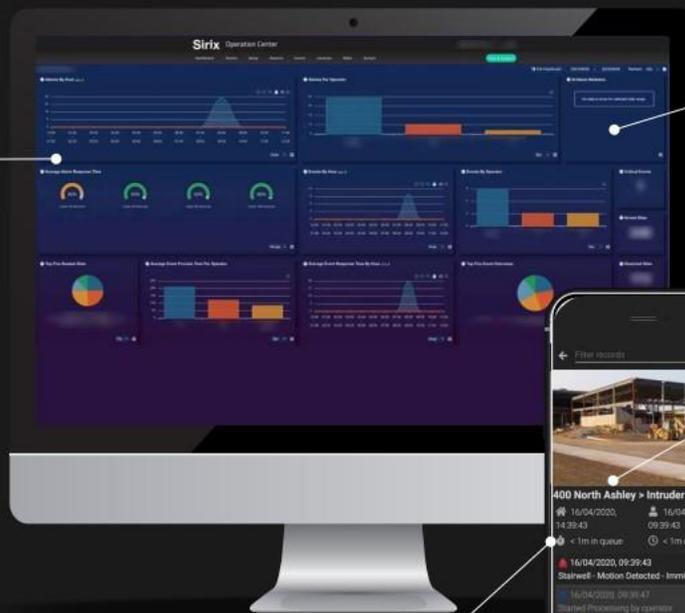
Site name

Cause of the alarm

Date and time the event
was detected

Duration for Sirix's operators to
address the alarm and implement the
standard operating procedure (SOP)

Response time of Sirix's
operators to the alarm

Actions and timestamps of Sirix's
operators in responding to the alarm

IncidentCode.

Real-time incident reports featuring images, videos, and maps for complete visibility.

Monitoring mastery.

Receive clear, actionable reports to evaluate system performance over time and support decision-making.

01. Incident visualization. Each incident report includes relevant images, providing a complete visual understanding of the incident for review and analysis.

02. Instant stakeholder alert. When an incident report is initiated, site owners and security integrators receive SMS or email alerts. Alerts include a link for real-time updates, allowing stakeholders to follow the incident as it unfolds.

03. Cancel dispatch feature. Our advanced interactive reports have "Cancel Dispatch" buttons. This crucial tool allows stakeholders to stop security teams or police deployment if they deem it unnecessary, giving them more control over the incident response.

04. Authority notification. If an incident demands intervention from authorities, access to the detailed report is promptly shared with police or security teams, ensuring swift and efficient communication during emergencies.
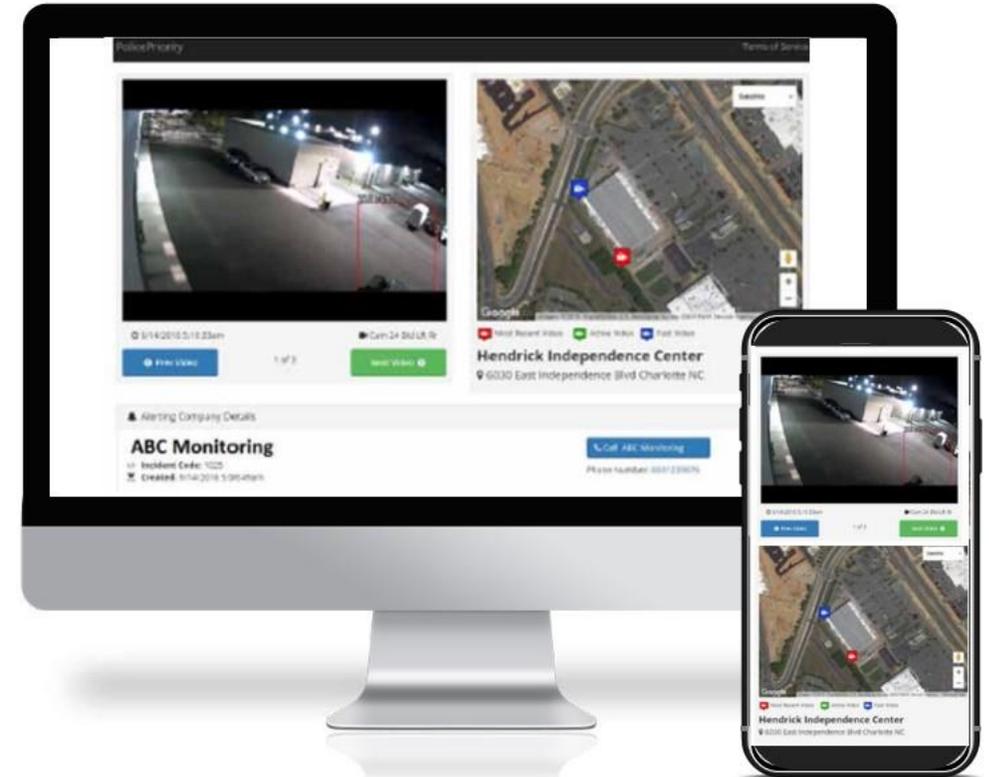
The text or email link opens a real-time report with video and images of the incident.

AktivSense.

Our AI software instantly notifies you of any problems with the security camera evidence you expect to have.
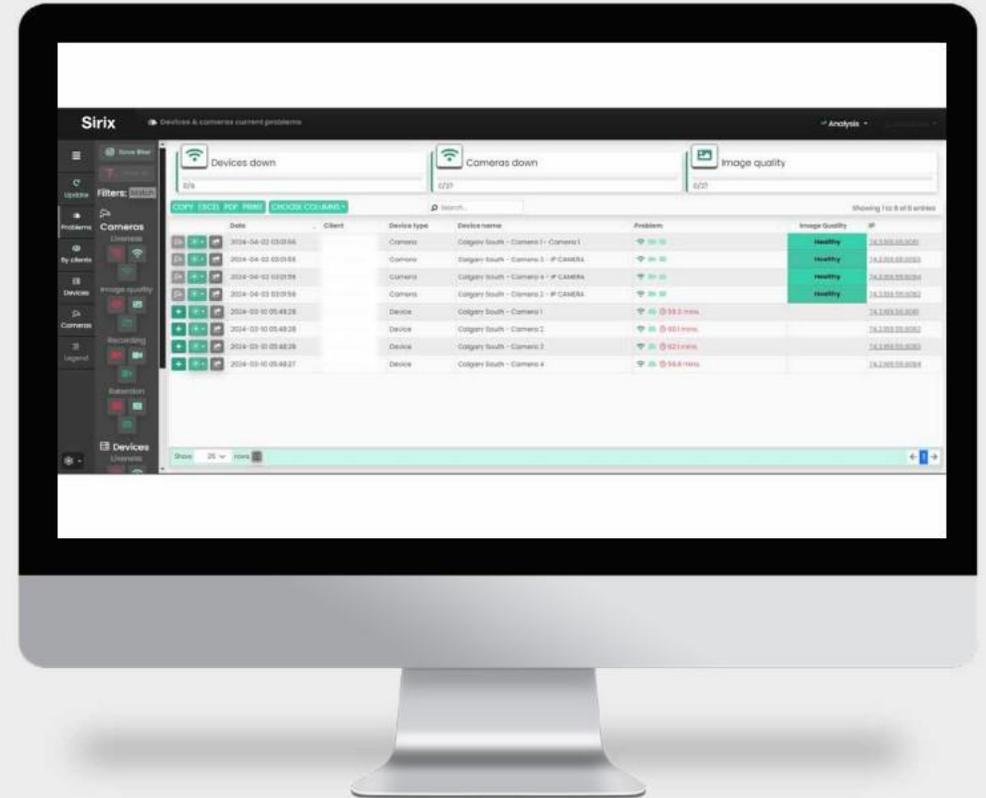
Cloud-based, hardware-free solution.

Proactive protection.

Get alerts at the first sign of anomalies in your security camera system.

AI image integrity

We identify camera view problems.

Connection issues

We detect when the connection to the NVR or VMS is down.
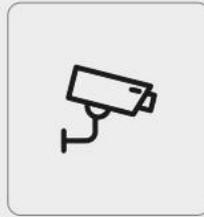
Camera failures

We monitor and alert if a camera disconnects for a predefined duration.

Hard disc failures

We identify hard disc read/write problems.
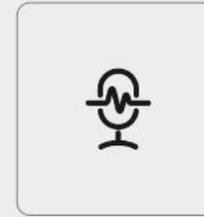
Recording issues

We alert if the recording duration is below expected.
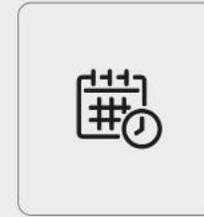
Time & date inaccuracy

We notify when the time is incorrect or tampered.

Camera view issue alerts.

Desired view

Desired view

Desired view

Desired view

Desired view

Desired view

Blurry view

Obstructed view
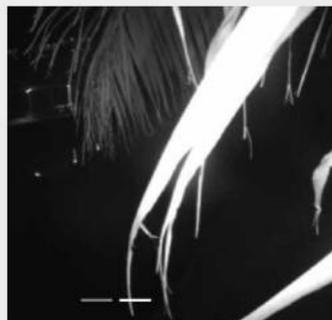
Tilted view

Glared view

Dark view

Faulty view

System performance reports.

Receive clear, actionable reports to evaluate system performance over time and support decision-making.

Health report

Server 1
Recorder liveness: Recorder is live.
Hard-drive status: All hard-drives are OK.
Camera liveness: All cameras are live.

Camera recording info:

Camera name	Problem	2026
Lobby	No recordings in the last 3 hours.	Wed, Jan 03, 2024 at 09:37 PM
Ops	No recordings in the last 3 hours.	Wed, Jan 03, 2024 at 09:37 PM

Server 3
Recorder liveness: Recorder is live.
Hard-drive status: All hard-drives are OK.
Camera liveness: All cameras are live.
Camera recording info: All cameras have recordings for the last 3 hours.

Server 4
Recorder liveness: Recorder is live.
Hard-drive status: All hard-drives are OK.
Camera liveness: All cameras are live.

Camera name	Problem	2026
PS - Camera 3	Not live	Fri, Feb 02, 2024 at 11:40 PM
PS - Camera 8	Not live	Fri, Feb 02, 2024 at 11:40 PM

Camera recording info: All cameras have recordings for the last 7 hours.

Visual & detailed report

Camera name	Reference image	Problem	Latest image
Fleet maintenance - Camera 3		**Blurry view**	
T3 - Lot - Camera B		**Faulty view**	
Marina - Camera 5		**Obstructed view**	

Proof of work report

		Location	Address	Device Uptime	HDD OK	Time drift	Cams Live	Cams Recent Recs.	Cams Longterm Recs.	Cams Healthy View
+	🔄	Campus	192.168.73.1:1080	100.0%	0.0%	0 mins	%	%	100.0%	51.0%
+	🔄	City Hall	192.168.73.1:1080	98.3%	0.0%	0 mins	99.7%	95.6%	97.4%	99.4%
+	🔄	Fleet Maintenance	192.168.73.1:1080	100.0%	97.1%	0 mins	100.0%	97.9%	97.3%	98.6%
+	🔄	General Services	192.168.73.1:1080	98.6%	97.4%	0 mins	100.0%	99.1%	100.0%	95.4%
+	🔄	IR Homes/Campus Hills		0.0%	0.0%	0 mins	1.3%	95.8%	99.7%	99.5%
+	🔄	PWOC	192.168.73.1:1080	98.5%	97.5%	0 mins	100.0%	98.8%	100.0%	95.6%

Customized care, comprehensive coverage.

Construction site	Car dealerships	Apartment complexes	Office buildings	Retail	Parking lots
Truck yards	Cannabis farms	Cities	Shopping centers	Industrial sector	Distribution & logistics sectors
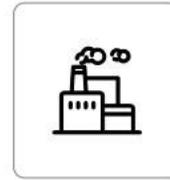
Bespoke services
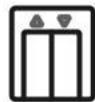
Elevator video monitoring

Autonomous gas station

Sirix's superior edge.

Expert operators 24/7

Sirix operates a 24/7 monitoring center with skilled operators that respond to alarms and examine CCTV footage. Effective voice interventions prevent intrusions, ensuring client-specific SOPs and safety.

Remote access to your site

Sirix provides real-time oversight and remote access to live and recorded footage via the Sirix Portal. Accessible on both desktop and mobile app, it allows you to monitor your premises and adjust security settings, including remote arming and disarming, for optimal control.

Quick response to threats

Sirix improves security camera threat detection using AI. When a breach is suspected, our monitoring center is notified. Our trained operators verify the threat using live camera and respond fast, following each client's SOPs for immediate and effective action.

Industry-specific solutions

Sirix offers bespoke security solutions customized for specific industry challenges, including autonomous security boxes, shoplifting detection AI, and tailgating alerts. Each solution comes with personalized planning and expert guidance to ensure optimal protection.

AI-powered solutions

Collaboration fuels daily creativity. Together, we
overcome major challenges.

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