

AI Surveillance & InteleXVision

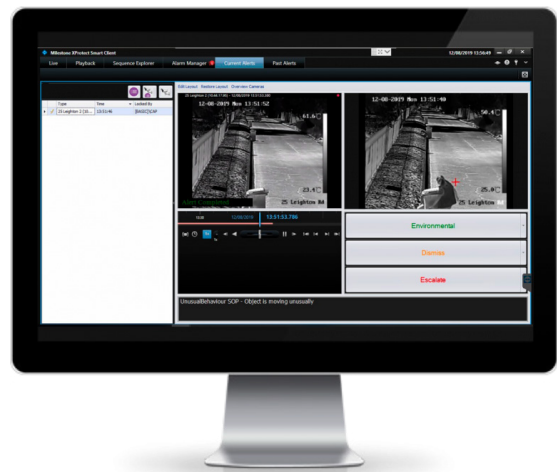
Delivering enhanced security control room performance with iSentry AI empowered CCTV surveillance

About AI Surveillance

AI Surveillance is one of South Africa's fastest-growing remote CCTV monitoring companies providing;

- White-label CCTV monitoring to security service providers
- Live monitoring-as-a-service direct to end customers

The company's primary focus is on **shopping centres, retail environments** and **the industrial sector**. It also provides critical off-site surveillance monitoring open public areas to create safer cities, very much focussed on a B-to-B approach. AI Surveillance customers



face multiple security threats on a daily basis, ranging from assault, shoplifting, stock theft through to armed robberies, cash-in-transit theft, perimeter intrusion and public disorder.

The challenge

AI Surveillance's market-leading reputation for excellence has spread quickly, creating a rapidly growing demand for their services and an ever-increasing number of CCTV cameras to monitor effectively and cost efficiently.

According to Rob Nichol, AI Surveillance Founder & CEO, nothing can fully replace the human eye. Experienced human operators in security control rooms always have to be at the centre of his company's solution.

To provide their exceptional service to clients, AI Surveillance employs the very best CCTV monitoring staff. All potential employees are

background-checked and rigorously assessed at interview. Training courses are thorough and the number of cameras each employee has to monitor is minimised to guarantee the highest possible levels of incident detection. As a part of achieving this control room staff are not asked to work long shifts.

However, the key to effective and cost efficient monitoring is an AI technology solution that enhances the control room operator's performance in monitoring and effectively processing large, exponentially increasing volumes of video input.

The solution: IntellexVision iSentry system

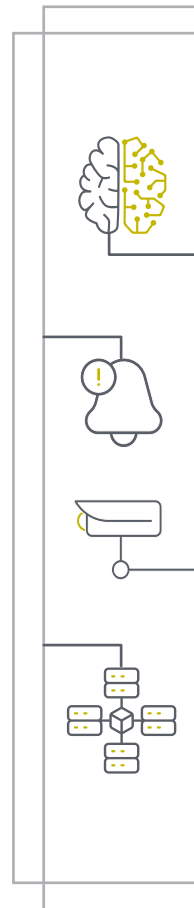


To cope with the increased demand, AI Surveillance needed to find a way to further improve on control room incident detection performance.

After completing their due diligence, the company chose the iSentry software system from IntellexVision.

iSentry removes the need for an operator to watch live video or for only pre-determined events to generate alarms to the control room. With its advanced AI technology, iSentry watches 100% of video and autonomously detects potential incidents.

When a potential incident is detected, for example a suspicious or unusual behaviour or movement, iSentry generates an alert for automatic system evaluation and sends relevant instant alerts in just milliseconds to control room staff. After reviewing that specific alert video, an experienced AI Surveillance operator can make a real-time judgement on whether it needs escalating.



iSentry also offers these **additional benefits**;

Deep machine learning capability

The system ensures a very low level of false alerts. This level also reduces over time with input and refinement from operators.

Flexible configuration

It's easy to add new alert criteria to monitor for specific types of incidents as circumstances evolve.

Hardware-agnostic

iSentry works efficiently with nearly all video surveillance systems.

Flexible Architecture

iSentry can be: deployed on a centralised, distributed or edge architecture; hosted on Windows or Linux; integrated with a VMS, or a standalone client, or via a web-client.

■ ■ Why is that car double-parked there? Why is that guy loitering there? iSentry is a real-time early warning system before something happens.

It also stands out as the only software system on the market that can effectively monitor very busy situations. Plus, iSentry is built around the control room and its operators. ■ ■

Rob Nichol, Founder & CEO, AI Surveillance



The outcome

iSentry has enabled AI Surveillance to continue its rapid growth path, with improved efficiency and detection rates as operators focus their activity on interpreting potentially suspicious and unusual incidents rather than monitoring for them in the first place.

One operator can now monitor 150 cameras in public spaces and commercial environments with the same or even higher levels of effectiveness as a large team of operators. For perimeter surveillance that number goes up to 350.



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