AGENT Vi

Agent Vi's Analytics Streamline Securitas Remote Monitoring Services and Resources

Product:
Vi-System – Real-Time Video Analytics

Application:
Security & Perimeter Protection, Business Intelligence

Customer:
Securitas Sweden, Alert Services Division

Location: Stockholm and Malmö, Sweden

Vertical Market: Corporate, SME, Retail

Agent Vi Partners:
Securitas – Certified Systems Integrator
Milestone Systems – Video Management System
Axis Communications – Cameras

Challenge

Securitas Alert Services, a division of Securitas, provides 'Video Surveillance as a Service' (VSaaS) for companies and government authorities in Sweden, with monitoring stations based in Stockholm and Malmö. They have a complete chain of services, from installation and maintenance of video surveillance cameras to dispatching of security guards, and they are recognized as a leader in the international security sector.

To offer the best security and safety monitoring possible, Securitas Alert Services sought to add a layer of IP video to their services. Specifically, Securitas looked for a robust and cost-effective real-time video analytics solution that could be installed at certain sites to allow an additional verification in their alarm and dispatch service. Additionally, as a service provider, Securitas sought a solution that would enable expansion of their customer base while maintaining their human resource levels.

Solution

In order to offer the highest level of security to its customers, Securitas Alert Services deployed Vi-System at dozens of sites across Sweden. Vi-System – Agent Vi's real-time detection and alert software – was installed through embedding the Vi-Agent edge device component in various Axis cameras (thermal, fixed and PTZ) deployed at these sites. AXIS Camera Application Platform enables integration of Agent Vi's applications directly in Axis cameras, allowing Securitas to choose from the wide range of Axis cameras available for different scenarios with seamless analytics compatibility.

The cameras are connected to the Milestone XProtect® Corporate recording and management platform allowing the video images to be displayed on the Milestone XProtect® Smart Client and XProtect® Smart Wall applications.

Products from these partners are fully integrated with Agent Vi's software, allowing seamless installation and operation of real-time analytics.

Various analytics rules are deployed, in line with the threat assessment for each specific site. The rules include:

- **Person crossing a line** to detect unauthorized personnel entering restricted areas;
- **Person moving in an area** to detect unauthorized personnel in restricted areas;
- **PTZ Tracking** to detect a moving person / vehicle on a fixed camera, and to handoff to the PTZ camera which locks onto the target and continues tracking it;

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Manager, Video Solutions Europe
Securitas Alert Services

- **PTZ Touring** to detect a person crossing a line / moving in an area on a PTZ camera that monitors preset positions, and to lock onto the target and continue tracking it;
- **Loitering** to detect persons sojourning excessively and behaving suspiciously;
- **People Counting** to detect and tally the no. of people entering and exiting sites.

Result

Securitas services customers with different needs from a range of industries including critical infrastructure sites, factories, educational campuses, recycling centers, construction sites and more. Vi-System has allowed Securitas Alert Services to greatly increase the efficiency and scale of their operations, with sites added regularly to Securitas' remote monitoring service without the need for additional operators.

Furthermore, the level of security afforded to Securitas customers has dramatically improved due to Vi-System. When a security incident occurs, Vi-System detects the breach and generates an alert which is displayed on the guards' screens. The relevant video feed is brought up for the guards to review and they can then respond to the suspicious behavior, in line with their threat assessment, and as the incident unfolds. This enables the delivery of a higher level of service to Securitas customers.

Vi-System has detected multiple security breaches which have prompted responses by Securitas guards, and in some cases, even resulted in arrests. One incident involved three criminals who planned to steal a truck carrying tobacco worth several million SEK. They were familiar with the site, but were not prepared for the video analytics installed on the surveillance cameras. As soon as they stepped into the defined area, Vi-System detected their movement.

The Vi-System alert enabled the monitoring center operators to react by setting off an alarm at the site and zooming in on the criminals with a PTZ camera to track them as they fled. The cameras captured images of the suspects which were used by police to assist in their arrest.

Andreas Sparrenblad, Manager, Video Solutions Europe at Securitas Alert Services, commented that "We are very happy about the cooperation with Agent Vi and they truly are an important part of our focus to create the best VSaaS solution in Europe. Within Securitas, video solutions – and in particular Video Analytics – are a strategic direction for the future."

Ariel Frischoff, VP Sales EMEA & APAC, at Agent Vi stated that "We are proud to be part of Securitas' VSaaS since its launch, and are working together to deliver the highest possible level of security to Securitas customers. Vi-System is an easy-to-use, enterprise-grade solution that enables Securitas to significantly expand its customer base with minimal investment in overhead and IT infrastructure." He added that "the tight integration between Agent Vi, Milestone and Axis products allows Securitas to offer its customers a complete, world-class surveillance package."

Intruder Detection:
Vi-System rule "Person moving in an area" detects movement by unauthorized person in restricted area

About Agent Vi

Agent Video Intelligence (Agent Vi) is a leading provider of open architecture, video analytics software deployed in a variety of security, safety and business intelligence applications worldwide. The comprehensive video analytics solutions offered by Agent Vi extend from real-time video analysis and alerts to forensic search and post-event analysis, and are fully integrated with a range of third party edge devices and video management systems.

Integrating Agent Vi's advanced video analytics capabilities into existing or new surveillance networks enables users to benefit from the true potential of their surveillance networks, transforming them into intelligent tools that respond to the practical challenges of the 21st century.

About Vi-System

Vi-System is Agent Vi's real-time video analytics software, which transforms standard surveillance networks into intelligent and effective detection and alert systems.

By performing real-time analysis of the video stream, Vi-System identifies and generates alerts for a variety of user-defined events relating to people, vehicles and objects. Used for applications such as security, safety and business intelligence, Vi-System offers effective monitoring of multiple video sources in parallel, enabling automatic detections, alerts and responses to events, as they emerge.

Based on Agent Vi's open architecture, pure-software approach, Vi-System can be easily integrated with a wide range of edge devices and video management systems, in both new and existing surveillance networks.

Vi-System boasts the combined benefits of superior detection performance, high scalability, installation simplicity and ease of use, making Vi-System the most advanced, comprehensive and cost effective real-time video analytics solution on the market.