



Airport Perimeter & Terminal Area Protection

The Premier Video Intelligence Solution For Large Scale Surveillance Networks

The Vi-System™ optimizes video surveillance by automating event detection, scene analysis, and event notification. It uses existing infrastructure of analog, digital, CCTV and night vision infrared (IR) cameras to create a vital supplementary layer of protection.

Perimeter Fence Protection

The Vi-System detects suspicious loitering activity near airport perimeter fences. It creates a virtual geo-fence around an area of interest. Any individuals or vehicles loitering in the secured area of interest will trigger a real-time alert. The Vi-System provides detection under all weather conditions using a combination of CCTV and thermal imaging, forward looking infrared cameras.

Parked Aircraft Protection

The Vi-System detects unauthorized movement around a parked aircraft and provides anti-tampering and anti-theft protection. It addresses security needs of VIP, military government officials transiting through airports. Any entry to the area of interest will trigger a real-time alert and assist in capturing an intruder.

HAZMAT & Fuel Protection

Highly exposed permanent fuel storage, distribution facilities and mobile HAZMAT containers can be better protected with a Vi-System perimeter geo-fence. Leaks, smoke and fire can be automatically detected by the Vi-System. Loitering of unauthorized workers will trigger real-time event notification.

Terminal Area Protection

The Vi-System can detect an unattended bag that is placed or left in a crowded terminal. The application can be set to detect objects in a predefined size, or notify security officers if a bag was left unattended over a predefined period.

Vi-System

The Vi-System is a server-based platform that accommodates a variety of video Intelligence (VI) detectors Video Motion Detection (VMD), Non-Motion Detection (NMD), Human Behavior Detection (HBD) and others. The detectors can be applied to dozens or hundreds and even thousands of individual CCTV or thermal imaging cameras. The Vi-System can be accessed with proper authorization via a secured IP network.

Managing Thousands of Cameras

International and regional airport security officers are tasked with managing large-scale distributed surveillance networks. Extremely large numbers of cameras are deployed in and around airport grounds, terminal, perimeter fence, fueling facilities and buildings to establish the required security. The Vi-System is a high-end video intelligence product that was designed by seasoned security professionals with years of field experience. It is engineered from the ground-up to accommodate large-scale camera networks with unrivaled ease of use, surveillance performance, expandable functionality and network scalability at competitively low price points.





Large Scale IP Surveillance Network

Connecting dozens to hundreds and even thousands of cameras over an IP network requires careful bandwidth design considerations. The Vi-System features a patented Image Processing over IP (IPoIP™) technology that enables a central server to continually analyze the activity at each camera scene through smart communication with an agent residing inside or near the camera. Only suspicious activity will trigger an alert and activate the video streaming and recording process. This can save thousands of dollars in reduced video storage requirements and decreases the time spent on reviewing pre-recorded footage.

Rule Based Detection

The rule-based configuration detection engine enables applying multiple rules per camera, linking events from multiple cameras and sensors to produce an intelligent, reliable and comprehensive surveillance picture. This engine gives security officers the power to upgrade their entire surveillance network in a matter of hours or days (compared with weeks) and it can easily be fine-tuned to the desired detection sensitivity level to improve and optimize the system's surveillance performance over time.

Agent Field Experience

The Vi-System was selected by key public transportation agencies to protect their facilities. It successfully filters out much of the nuisance alarms associated with VMD to produce reliable results with a notably low False Alarm Rate (FAR).

Why Agent Vi?

Agent Vi has managed to eliminate the common trade-off between high-end video intelligence needs and exceedingly high prices. Its Vi-System delivers exceptional video intelligence functionality and performance at competitively low price points.

