

MotionTrack

AN INTELLIGENT VIDEO APPLICATION

MotionTrack, a Video Intelligence Module from Verint Video Solutions, provides sophisticated outdoor motion detection that helps to filter out nuisance alarms while identifying motion of real interest. Wind, rain, small animals, and vehicle headlights can trigger nuisance alarms and can distract security of officials, often wasting valuable time and effort in investigating false alarms.

MotionTrack also provides superior handling of noisy video sources such as infrared and light-intensified cameras. It adapts to changes in lighting and/or weather that have traditionally caused video motion detectors to fail. Its rapid adaptation allows MotionTrack to process data from panning as well as fixed cameras.

Designed to understand what is considered normal in a scene, MotionTrack detects the changes that are of importance to the user. As a result of adaptive digital process technology, MotionTrack achieves highly sensitive motion detection in a wide range of environments, providing its users with a low false alarm rate.

MotionTrack is designed to be more reliable and affordable than previous generations of outdoor video motion detectors, bringing a new level of intelligent processing to video security. If MotionTrack detects any pre-defined motion, an alarm signals the end-user through the Loronix Video Manager software. Once an alarm is triggered, Loronix Video Manager can be programmed a range of actions, including moving a PTZ camera, locking a door and denying or granting to certain secure areas.

Alarms On Detection of User-Defined Activities

The Loronix Video Manager combined with MotionTrack allows users to instantly view live alarm events, retrieve stored alarm video and review system-generated reports — all from a single screen.

The video manager records each MotionTrack alarm event in the database and orchestrates the appropriate response, as defined by the system administrator, including:

Alarm Scheduling: Alarms can be programmed to be active or inactive at specific times of day.

Automatic Video Call Up, On Alarm: Displays alarm video including user-defined pre- and post-video.

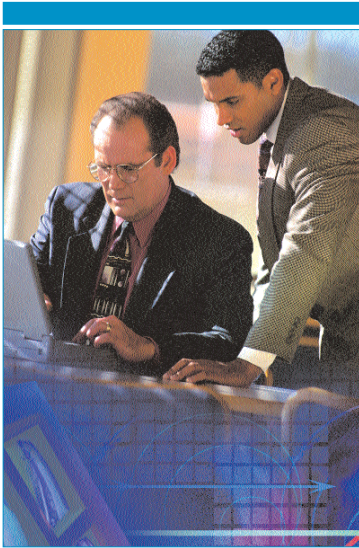
Alarm History: Surveys all past alarm events stored in the database.

Priority Alarm Configuration: Allows users to pre-set the priority of alarm events by assigning color, sound, or user-defined messages.

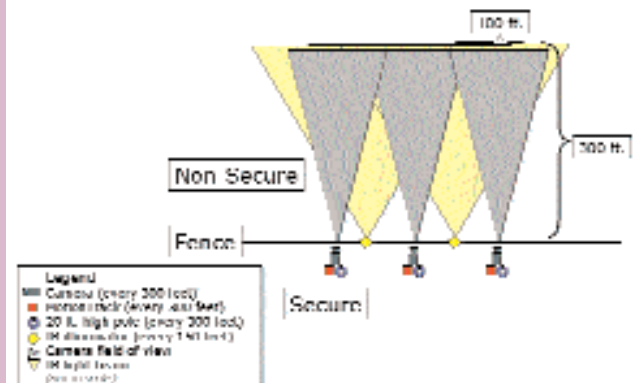
PTZ Salvo: Moves PTZ cameras to preset locations upon an alarm event.

Groups of Cameras on Alarm: Displays user-defined cameras or groups of cameras automatically upon a MotionTrack alarm.

Multiple Alarm Review: View live and recorded video from multiple alarms and/or sites simultane-



MotionTrack: Deployment Scenario for Perimeter Security (top-down view)



Deploying cameras perpendicular to the fence line provides maximum depth of protection, optimal probability of detection and reduced camera costs

MotionTrack

ously.

Voice Alerts Alarms can be configured to deliver voice and visual alerts upon an alarm.

Perimeter Security

Large properties with extensive borders, such as airports and prisons, can be very difficult to monitor and secure. Fence lines can be lengthy and potential threats can be nearly impossible to view with human-eye surveillance. Detecting such threats is essential and required to maintain a safe facility.

As a result of increased threats due to terrorist activity, perime-



MotionTrack can locate a single object in the specified region of interest.



Integrated with a Thermal Camera, MotionTrack can effectively monitor regions of interest on a busy airport tarmac

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