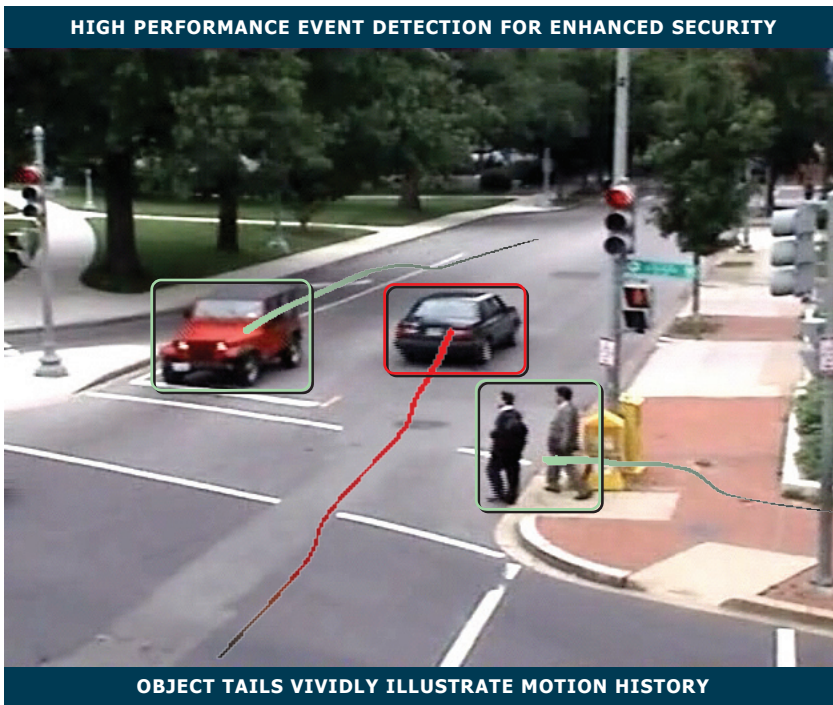


Panoptes™

“the all seeing” intelligent video solution



Innovative Video Intelligence

Panoptes, the next-generation in video intelligence, presents a high performance solution to monitor video streams and **detect security threats** in real-time.

Leading-edge Event Detection

Panoptes’ patent-protected tracking technology is based on the **human visual cognition** system with space-based peripheral vision and object-based tunnel vision components. While humans can allocate attention to only a small number of objects and events at once, the all-seeing Panoptes offers human-like detection and unlimited focused attention.

Object Classification

Panoptes uses cutting edge technology to **robustly classify objects**:

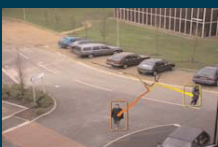
- Person/Group
- Vehicle
- Animal

Minimal False Alarm Rate

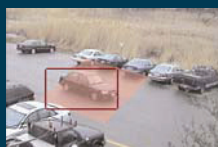
Panoptes’ patent-protected technology **virtually eliminates false alarms** caused by non-events and optimizes the detection of real security threats.

Track Objects Faster - Detect Events Earlier

- Intrusion
- Tripwire
- Wrong Direction
- Stopped/Left Objects



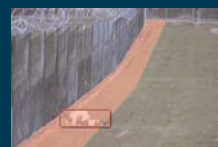
MOVEMENT



ZONE VIOLATION



WRONG DIRECTION



PERIMETER INTRUSION



ABANDONED OBJECT

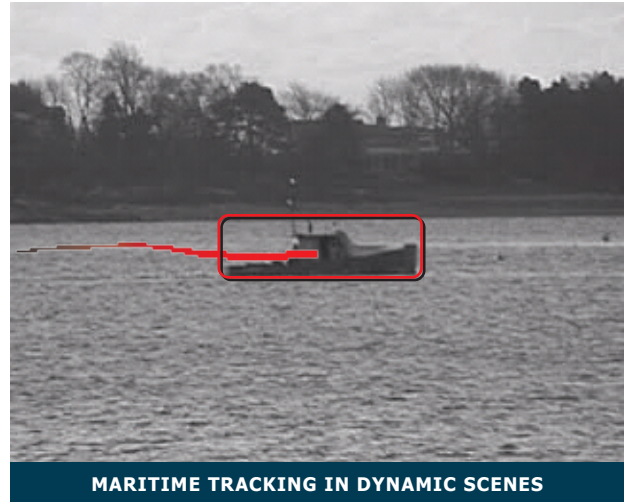


STOPPED VEHICLE

Accurate Event Detection

Panoptes uses "Event Spies" to detect the activities of tracked objects. Panoptes provides core events to be customized into robust "Event Spy" instances per application requirements. User tunable event detection parameters and weekly time schedules can be customized for optimal event detection.

| Core Event | Event Spy Instance |
|-------------|----------------------------------------|
| Intrusion | Perimeter Crossing, Zone Violation,... |
| Direction | Wrong Direction, Traffic Flow,... |
| Tripwire | Line Crossing, Scene Statistics, ... |
| Idle Object | Stopped Vehicle, Abandoned Object,... |



System Architecture

Robust and flexible system architecture is designed with cross platform efficiency in mind and can be configured to meet individual application requirements.

- Highly Scalable
- Remote administration through VPN/firewall
- Simple configuration and installation

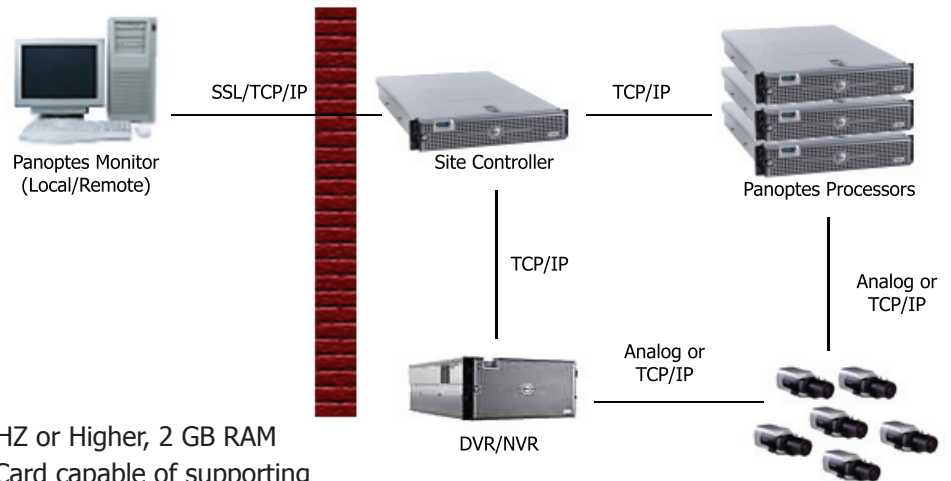
System Requirements

Software:

- OS: Microsoft Windows 2000/XP
- Database: MySQL Essentials
- Adobe Reader

Hardware:

- Desktop, 1/2U Rackmount
- Processor: Intel XEON Dual Core, 2.8 GHZ or Higher, 2 GB RAM
- Winnov/DirectX 9.0c Compatible Video Card capable of supporting 320x240 Image Resolution at 30 fps NTSC/25 fps PAL
- 100 GB Storage for Site Controller, 10 GB for Processor Machines



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