



# Praetorian's Integrated System

The Total Surveillance Solution

Today, operational readiness requires improved information management to maximize preparedness, prevention, and response. Unfortunately, legacy surveillance systems are limited in their ability to show the total event, continuously monitor for suspicious behavior, and conduct quick forensics analysis. The recent proliferation and integration of cameras and sensors means only more *data*, not necessarily more intelligence or security. Superior operational readiness, then, lies in intelligent video and sensor systems that provide greater situational awareness and control, common operational environments, and 24x7 computerized monitoring.

Unlike conventional systems which overwhelm operators with multiple sensor and camera feeds on large banks of video

monitors, Global Security & Engineering Solutions' intelligent surveillance system, Praetorian, empowers users to see the total picture, understand real-time surveillance information, and act preemptively to stop or contain emerging threats.

The turnkey software provides for swift, protective action in even the most complex and densely populated sites. When deployed, public and private sector operators can benefit from: greater information management and situational awareness; the ability to minimize costs; and, reduced liability, labor, and risk of loss.

As an open-architecture and scalable system, Praetorian integrates with many other surveillance technologies, including commercial off-the-shelf (COTS) PC hardware and software.



## Video Flashlight™

- Multiple stitched video feeds combined into a common operating picture
- Real-time 3D immersive display of the surveillance environment
- Superior situational awareness, information management, and operational control
- Remote Flashlight allows users to access any camera in the network from a PDA or laptop.



## Hawk™

- Real-time geographic display of sites, sensor locations, and alarm conditions
- Integration of numerous types and brands of sensors
- Cutting-edge forensic capabilities and threat assessment.



## VisionAlert™

- Customizable alarm configurations
- Real-time detection for motion, breach, loiter, and left-behind object
- Works with many legacy cameras: fixed, PTZ; IP, analog; infrared, EO, thermal, and more.



## Camera Placement Service

- Validates the number and type of cameras required for comprehensive surveillance
- Reduces the labor hours used in planning video surveillance
- Can be used on new buildings as well as for retrofitting facilities that have existing CCTV systems
- Reduces cost to the user by determining that supplies ordered are correct and minimized.



## System Specifications:

Praetorian is designed to run on Microsoft® Windows 2003 Server and Windows XP Professional operating systems. *Typical* deployments consist of:

### Praetorian Video Flashlight™ software

- HP ProLiant DL145 1U Rackmount Server (or equivalent)\*
- Dual 2.8GHz AMD Opteron Processors
- 2GB System RAM
- 120GB SCSI Hard Disk Drive
- DVD+RW/CD+RD Combo Drive
- Dual 10/100/1000 baseT NIC
- Redundant Hot-Plug Power Supplies
- NVIDIA 6800-series 256Mb VRAM GPU

### Praetorian VisionAlert™ software

- HP ProLiant DL145 1U Rackmount Server (or equivalent)\*
- Dual 2.8GHz Xeon™ Processors
- 2GB System RAM
- 300GB SCSI Hard Disk Drive
- DVD+RW/CD+RD Combo Drive
- Dual 10/100/1000 baseT NIC
- Redundant Hot-Plug Power Supplies
- Winnov 4400VO Video Capture Cards  
(required only for analog-video capture)

### Praetorian Hawk™ software

- HP ProLiant DL145 1U Rackmount Server (or equivalent)\*
- Dual 2.8GHz Xeon™ Processors
- 2GB System RAM
- 300GB SCSI Hard Disk Drive
- 10/100/1000 baseT NIC
- Redundant Hot-Plug Power Supplies

### Praetorian Digital Video Server

- HP ProLiant DL580 4U Rackmount Server (or equivalent)\*
- Dual 2.8GHz Xeon™ Processors
- 4GB System RAM
- 1.2TB SCSI RAID Hard Disk Array
- DVD+RW/CD+RD Combo Drive
- Dual 10/100/1000 baseT NIC
- Redundant Hot-Plug Power Supplies
- 4 Winnov 4400VO Video Capture Cards  
(required only for analog-video capture)

### Praetorian Remote Flashlight

Minimum requirements for mobile flashlight:

- Operating System - Windows Pocket PC
- Processor - Intel® PXA270 624 MHz
- RAM - 64 MB
- ROM - 128 MB
- Display - 480 X 640 VGA
- Wireless - WLAN 802.11 a/g

\* Praetorian's Video Flashlight™ software has been tested and works successfully on the HP ProLiant series 1U Rackmount Server.

### Contact Us Today

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