

VideoSphere

Intelligent Video Management

VideoSphere™ Visual Intelligence is a scalable video surveillance software suite that delivers advanced management, investigation and reporting tools across analog and hybrid/IP environments. The suite enables organizations to improve loss prevention, liability management, asset protection, and customer and employee safety.



POWERFUL VIDEO SURVEILLANCE

The VideoSphere Visual Intelligence software suite is compatible with March Networks' NVRs, encoders and network cameras to deliver a powerful video surveillance system for security applications in banking, retail and other businesses.

The software represents a significant step forward in task-specific functionality and graphical interface design. It allows authorized system administrators, security and loss prevention investigators, management and others to work more efficiently and effectively.

The enterprise-class **Live Monitoring Console** permits real-time monitoring of video and associated audio with on-screen PTZ camera control and two-way intercom communication. Floating grids display up to 36 views per monitor from any number of sites, with activity spotlight, timeline control and bandwidth management for each view.

The **Investigator** allows users to zero in quickly on recorded video evidence. Graphical time/date search functions include a refinement feature that speeds access to specific evidence. The Investigator Professional adds the ability to search on user-defined automated teller machine (ATM), teller or point-of-sale (POS) transaction data.

TRANSACTION INVESTIGATION

In financial and retail environments, **Financial Transaction Investigation** and **Retail Transaction Investigation** options provide video evidence synchronized with receipt records of ATM, teller or POS transactions, dramatically improving the investigation and resolution of financial fraud and retail shrinkage. Integration with branches, stores, or headquarters increases data security, permits application-specific customization, and enables cost-effective expansion.

The **Evidence Manager** provides sophisticated video search tools and interactive case notes to build, manage and resolve cases efficiently. The Evidence Manager Professional adds transaction data and other advanced case management capabilities. To enable law enforcement officials to leverage evidence effectively, an autorun copy of the **Evidence Reviewer** is included automatically when evidence is exported.

The **Administrator Console** allows easy customization and maintenance of any number of systems, including software programming, revision control, health monitoring, user profile management and more. And to oversee larger-scale video networks, the powerful **Enterprise Service Manager** offers these comprehensive tools in a centralized manner, for extensive remote management and resource optimization.

FEATURES

- Distributed and fully scalable video system architecture
- Up to 36 live video and audio feeds displayed per monitor with PTZ camera control
- Targeted investigation tools, including multiple case management and evidence processing
- Integrated Financial and Retail Transaction Investigation options
- Easy export of evidence to CD or flash media
- Advanced video analytics and reporting applications, including: people counting; loitering, obstruction, occupancy and facial detection; queue length monitoring; and scene verification
- Networked local and remote system control, scalable across thousands of locations and cameras
- Centralized management of system software levels, user profiles and more
- Advanced health monitoring, reporting and maintenance tools

VideoSphere Visual Intelligence Software Suite

Technical Specifications

Client Software Module	Live Monitoring Console	Investigator		Evidence Manager		Evidence Reviewer	Administrator Console	Enterprise Service Manager
		Std	Pro ¹	Std	Pro ¹			
Primary application	Live video & audio monitoring	Rapid video search and retrieval	Enhanced video retrieval	Multiple case compilation and management	Enhanced case management	Evidence review by 3rd parties	System programming & maintenance	Extended programming & maintenance
Real-time viewing	•	•	•				•	
Two-way audio with synchronized video	•							
Video monitoring on alarm	•							
Video search with refinements		•	•					
ATM/Teller/ POS data integration			•					•
Synchronized video playback	• ¹			•	•	•		
Multi-window viewing	•			•	•			
Video authentication ²				•	•	•		
Copy, save or print video evidence	• ¹	•	•	•	•	•		
Evidence notation	• ¹	•	•	•	•			
Advanced case management					•			
System programming and maintenance							•	•
Multi-site mgmt. of system software, health and users							Programming & health only	Extensive control of all

Recording Modes: Continuous, scheduled or driven by event, such as alarm, motion detection (with masking and sensitivity), ATM, teller or POS transaction

Adaptive Compression³: Filtering of analog camera noise; complement to MPEG-4; average 30% storage improvement

Intelligent Video Retention: Critical record buffer, long-term retention, extended retention, predictive retention and alerts

Video Search and Export: To removable media (CD or memory stick), including auto-run Evidence Reviewer; export controlled remotely or automatically in response to events; export JPEG or BMP images and authenticated² .AVI clips, with time/date stamp, with/without transaction data

NOTES: ¹ 'Professional', a chargeable upgrade with value-added feature content
² SHA (Secure Hash Algorithm) of Digital Signature Standard [U.S. FIPS PUB 180-1, 1995]
³ Patent Pending

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