

# Our Software

## ElectSys Digital Video Management Systems

### Benefits

Our video surveillance security software and systems have the following benefits:

- Lower Total Cost of Ownership
- Takes advantage of the trends of ever increasing power of PCs and decreasing prices
- Requires little or no training because of the easy to use Windows interface navigation tree



- Can be maintained by existing IT support personnel because it's built on a standard Windows platform
- Leverages existing infrastructure: networks, analog cameras, storage, web server
- Reduces implementation costs due to easy integration with existing POS, Access control and other internal systems
- Reduces cost of on-going support by providing one click software upgrades and remote management of servers
- Easily expands for additional memory and storage
- Is supported by US based technical support personnel

- Instant access to high quality recordings anywhere on the network or over the internet with a standard web browser.
- Intuitive and easy to use
- Alarm or motion events trigger actions such as increasing frame rates, email alerts, and PTZ movements
- Superior performance and features at the lowest cost
- No hassle with tapes, multiplexers, or VCRs
- Easily create clips to assist in crime prosecution
- Scalable: unlimited servers and cameras
- Stable, proven technology
- Full loss prevention capabilities including POS overlay and transaction search
- Easy migration from analog to IP – standard system supports both traditional analog cameras and IP cameras
- World class US based support means quick, knowledgeable answers to your questions in plain language



### Recording Features

- Records up to 480 frames per second over 32 cameras
- Works with standard CCTV cameras as well as IP cameras
- Each camera can be configured to capture between 1 to 30 fps
- Camera resolutions available from 320 X 240 to 720 X 480
- Continuous, motion activated, scheduled or event based recording by camera
- Recording frame rates changes can be triggered by motion or alarm events
- Motion Zones allow you to customize each camera's sensitivity to ensure that you record exactly the area desired

- Easily configure motion settings with intuitive live display
- Motion event labels
- Privacy zones
- Pre and post motion recording buffers
- Up to 16 channels of audio
- Scheduled and time lapse recording
- Camera name, time and date stamp overlay
- Supports unlimited amount of storage space using standard local or network drives
- Automatically manages files and disk space to ensure continuous recording



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## Viewing Features

- View live or recorded video on the server, via the network or on the internet using a web browser without a plug in.
- Consolidated recorded playback. New iPlayer gives the user the ability to perform all playback options in one easy to use interface
- Intuitive play, pause, and rewind functionality
- Frame by frame or variable playback speeds
- Event logs
- Synchronized playback
- Thumbnail view
- Timeline view
- Smart Search
- POS integration
- Image zooming
- One click writes recorded video directly to a CD or DVD
- Control PTZ cameras from the server, network client or the web
- Customizable mouse clicks
- Unlimited image zoom
- Adjustable brightness, contrast, and color controls for each camera
- Supports hidden cameras
- Customizable layout buttons can pull cameras from multiple servers and from analog and IP cameras on the same user interface
- Event log allows quick review of video associated with motion or alarm events



- Integrated multi-layered facilities map provides you with an overview of camera placement for quick access with motion indication
- Support for Pocket PC
- Smart Search
- POS transaction search
- Popup window displays cameras with motion on the server, the network client, the web browser and spot monitors
- Unlimited number of users can view recorded live and recorded video simultaneously

## Configuration and Management

- Integrated Camera Setup and configuration – all camera configurations are done from one easy to use setup screen
- Integrated Server Setup
- More configuration options at the camera level rather than just the server level
- System Security including encryption

- Recorded video can be stored on multiple hard drives, i.e., camera 1 can be stored on the local hard drive and camera 2 can be stored on a network drive
- Health Monitor ensures maximum server and camera uptime
- Archive Manager recompresses video, moves, or trims video doubling storage requirements
- Enterprise Manager give administrators tools to manage servers, users, groups, and cameras from a central location

## Customization

- Full SDK
- Configuration wizard for setting up complex condition triggers and resulting actions based on any combinations of alarms, motion events, any digital input, or schedules.
- Easy integration with access control, POS or other applications



## Other Features

- Centrally manage all servers over the network
- Web browser with no plug ins
- Easy software upgrades
- AVI format is compatible with all major media players
- System reporting capabilities – system problems, camera problems, server problems
- No limitations on the number of viewers that can simultaneously access a DVR on the network.
- Security at the server and camera level
- Operational without the need for a keyboard, monitor and mouse connection
- Provides the ability to adjust bandwidth for each DVR
- Provides static and/or dynamic addressing
- Supports RAID technology
- Supports external storage devices including file servers, NAS, and SAN
- DVRs are available with up to 2.4 TB of disk storage

**Try our fully functioning demo.**  
Click [www.videoinsight.net](http://www.videoinsight.net)  
Call 1-800-513-5417



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