

# VI Monitor Plus

## Key Features



### Recorded Video Management:

- Intuitive access to recorded video from any camera in system regardless of location.
- Frame-by-Frame or variable playback speeds up to 32X.
- View single camera or drag and drop up for Full Layout Synchronized Playback.
- View groups of cameras via drag and drop.
- Slider bar provides quick access to events.
- Digital zoom on Live and recorded video.
- Synchronized video and audio playback.
- Instant replay of last 30 seconds of recorded video (Via Rule)
- Create a clip with use of guides marking time interval
- Save clip to local client or server.
- Continuous, motion activated, scheduled, event or Trigger based recording.
- Record up to 30 FPS or as little as 1 image per second, hour or day.
- Record always at low FPS and transition to higher FPS on motion events or alarm.
- Pre- and Post-motion recording.
- Support for camera and server side motion detection.
- Create sensitivity zones in Windows client or camera configuration.
- Motion Event logs provide quick review of video associated with motion or alarm events.
- Access recorded video from other non-local servers added to the server list.
- Graphical timeline highlights motion events.
- Progressive download speeds for slow-speed connection.
- Automatically manages files and disk space.
- Specify maximum Storage retention by camera.
- Enhanced Timeline with Motion vs Fulltime Indications.
- Most complete Panoramic/360° De-warped support of any VMS manufacturer.

### Video Exporting:

- Intuitive Viewing Clients require little to no End-user training.
- Clips can include Optional 128bit encrypted watermark, server based date/time stamp, and camera name.
- Recorded video is saved in cameras native compression format and placed in AVI or EXE container for easy universal playback.
- Improved Video Exporter: with central options.
- Exported clips include audio.
- Multiplex video export of up to 9 video streams in single AVI file.

### Live Video:

- Full-featured Windows, Web, and Mobile Clients included for free.
- iPhone and iPad Vi Mobile app available for free through Apple App store.
- Android Vi Mobile app available for free through the Google Play.
- Mobile App support, live and recorded video streaming, Maps, and Control
- functionality, and PTZ camera control. Browser agnostic Web Client works with many popular browsers, and has full support for Chrome and IE.
- VI MonitorPlus: Workspace Home Screen with Custom Quick Launch options.
- Workspaces : Tabs which allow for easy multi-tasking.
- Dynamic aspect ratio control for complete camera layout from 16:9 or 4:3.
- High Speed Video Viewing via Active X for IE only.
- VI Monitor for MAC
- Quickly navigate between cameras from any server using Windows Explorer tree structure
- Unlimited user seats for viewing clients

- Create customized layouts and layout groups (MOVE)
- Create custom layout by dragging and dropping cameras.
- Predefined layouts stored in the database can pull cameras from multiple servers, restricted by security level
- Camera touring or Layout sequencing
- 180° stitched layouts for supported cameras.
- Single, Quad and Panorama views for fisheye 360° cameras
- Advanced camera features from Panasonic, Axis, Sony, Sentry360, Pelco and ImmerVision.
- Easy PTZ control options included on-screen overlay Via collapsible right menu bar.
- Cycle PTZ presets, pausing for specified interval
- PTZ control with USB Joysticks
- Option to lock down non-admin users from PTZ controls
- PTZ Prioritization – Users can be ranked to determine who has PTZ operations at a specific time.
- Search box allows quick access to any camera or server - search by partial name or IP address. ( WEB CLIENT only)
- Push live video pop-up windows to other logged in users.
- 2Way audio allows operators to interact with video.
- Create Covert cameras by removing from navigation.
- High Performance option renders video in real time.
- Run in Full Screen mode with limited menus.
- Multi monitor support Via Free floating Workspaces.
- Video Wall app supports up to 64 monitors.
- Operators can push single camera or layout to a Video Wall.
- Motion alerts displayed for each camera.
- Option to play sound on motion alarm.
- Launch clients in full screen mode to predefined layouts.
- Public View App displays live images directly from camera without connecting to a server.
- Lane Viewer App displays live images along with card holder picture and information to verify identity.

### Facility Maps:

- Easy Map creation. Setup requires a JPEG, BMP or GIF images of layout, which can be populated by drag and drop Icons of doors, camera, and panels available on server.
- Create Multilevel mapping provides quick access to multi-level layouts.
- Live icons provide system info such as door states or live views with a click of a mouse.
- Zoom into maps or navigate between multiple layers.
- Quick access to recorded video from facility maps.
- Launch specified facility map on startup.
- View maps from Windows, Mobile, or Web Clients.
- Mouse over Layout icons to switch live displays to groups of cameras in the area.
- Access Control dynamic menu through Facility Maps, provide detailed information through one central location.

### Notifications & Automation:

- Pop-up live windows of alarmed cameras.
- Red outline in camera layout on alarm conditions.
- Play audio file on alarm to alert operator customizable per user.
- Pop-up window with detailed instructions for operator.
- E-mail or send Custom Messages text Flashback Images, Interval snapshots, or Video Clips.
- Alerts can be directed to specific users or groups.
- Powerful Rules Wizard allows easy configuration to take actions after an event.
- Motion alerts displayed for each camera.
- Option to play a sound on motion alarm.

- Send JPEG snapshots on an interval or on motion.
- Alter operators of camera side Analytic events.
- Using Camera Analytic, such as Tripwire, count people.
- Video Bookmarking, for tracking events on timeline with notations attached.
- entering and exiting facility to keep running total and alert if threshold exceeded.

## Enterprise Functionality

- Support for unlimited cameras and recording servers.
- Developed from open technologies based around Microsoft .Net and SQL platforms, allowing easy integration with 3rd party application via the well-defined SQL tables.
- Distributed login to any server prevents single point of failure
- Optimized for Centralization: Includes centralization of Servers,
- User database, cameras, layouts, and full system management
- Support for both centralized and distributed architectures
- Use existing SQL Server infrastructures or included SQL Express
- Centralized Management for all camera configurations & all servers are done from one easy-to-use setup screen.
- Clients can connect to a single IP address to access the entire system.
- Assign individual camera permissions to users or groups.
- All system and user settings are stored in SQL database.
- Automatic Failover.
- Health Monitor – comprehensive monitoring and alerting of system status.
- Audit Trail: User logins & configuration changes tagged in a SQL.
- Custom application Plugins: IE Point of Sales, GPS Location, and More.
- Automatic upgrade of client applications.
- Complete system performance statistics including – Storage, Bandwidth, resolution, format and frame Rate.
- Hidden Views: Users only see assigned views regardless of number of servers.
- Export camera and server information in Excel format.
- Camera Maintenance logging and tracking .Net-based.
- Software Development Kit.
- Multi Languages Available.
- Camera Setup Template Support.
- Review recorded events across Multiple cameras quickly Via smart
- Thumbnails search for precise investigation. (7.1)
- Customizable Server and Cameras Groups.
- Customizable Facility Maps and View Groups.
- Deep integration for over 4,100 camera models from 154+ manufacturers.
- Universal camera driver provides support for almost all other cameras via ONVIF, RTSP or HTTP
- Multi-streaming
- Camera auto discovery
- Send live video to Axis Decoders
- Rules and events can Trigger Digital Inputs and Outputs along with .exe applications or batch files.
- Robust scalable design, with a pure 64-bit Server and Client application that allows server & client software to efficiently take advantage of full machine memory.
- Email support for SSL and alternate ports, supporting Gmail and Hotmail.
- VI includes MonitorCast : a fully integrated, enterprise level, Mercury based, access control platform at no cost.
- VI has full support for Virtualization: Includes VMware, Hyper-V, XenServer.
- Action Center for all: recorded video logs, notifications, and system alerts.

## Security:

- Video Tampering & Validation built within the Software.
- Privacy Zones for sensitive areas for any camera in layout.
- SSL certification needed to secure web client transmissions
- Multi-level security including restriction of setup, management, live and recorded viewing, PTZ operation, access to layouts, facility

maps, rules and clip creation.

- Enterprise-wide user management tool for local users.
- Authenticate users with a Video Insight user database or with integration of users and groups imported from Active Directory, & LDAP. Assign individual camera permissions to users or groups.
- Comprehensive log of all changes to system
- Option to restrict users from logging in from multiple locations
- Limit users to a single login per username.
- Server Software runs as a Windows Service, for easy log retention.
- IP Server connects to all cameras; viewing clients in turn are connected to the IP Server to prevent direct camera connection
- Option to restrict users from accessing system from multiple locations.

## Storage:

- Flexible Open storage design with no limits on support for internal or external storage arrays such as NAS, SAN, and iSCSI drives.
- Support for Pivot3 Cloudbank failover architecture and Dell EqualLogic solutions.
- Option to move recorded video from either cameras or servers, on a set schedule, for long term storage or Archiving needs.

## Performance

- Full Support for GPU transcoding, and Hardware acceleration for greater stability, expandability, and higher video quality.
- 4Gbs bandwidth throughput per OS, for unprecedented system scalability and performance.
- System resource load balancing for optimized performance.
- Support for multiple 4k camera loadout and 30 FPS playback.
- System Support for 40 Megapixel IP cameras at 30FPS playback.
- No limitations on software for number of viewing client connections.

## Easy Licensing

- Simple Per camera licensing structure, available in single camera increments.
- No extra licensing costs for client applications, or annual maintenance fees.
- No base or server license fees when using genuine Video Insight servers.
- Individual camera's MAC address not required for easy servicing and replacements.
- Multi-stream connections from one camera only require one license.
- Only 1 license needed for most 180° and 360° multi-sensor cameras.
- Panasonic i-Pro and Advidia cameras require no camera licensing.

## Support

- Lifetime U.S Based technical support included: Monday- Saturday for trouble shooting, configuration support, and remote assistance.
- Unlimited Live Web-Based training included with Video Insight.
- Unlimited software updates included for version.

## Access Control Integration:

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|------------------|---------------------|------------------|
| • Maxxess        | • RBH Axiom V (AX5) | • Isonas         |
| • MonitorCast4.X | • Gallagher         | • AMAG           |
| • Badge Pass     | • Open Options      | • DSX            |
| • Wren Solutions | • Infinias          | • RS2            |
| • Paxton         | • Lenel             | • S2             |
| • Sureview       | • Secure            | • Blackboard     |
| • IMRON          | • Continental       | • Software House |