



VIDEOINSIGHT®

Video Insight is a powerful yet easy-to-use enterprise Video Management System (VMS) with new plug-in architecture that provides enhanced scalability and improved feature sets. This powerful and versatile VMS solution fully integrates our MonitorCast Access Control platform to deliver uncompromised system management and control with unlimited scalability.



VI Monitor PLUS



VI Web Client



VI Monitor for Mac



VI Mobile



VI TV+

PRO

The Power of Truth



KEY FEATURES

Streamlined Client (VI MonitorPlus)
With an intuitive UI Video Insight's main client empowers its users with great functionality, customization, and control all designed with efficiency in mind.

Included Access Control (MonitorCast)
MonitorCast is an enterprise access control application that is fully integrated with VI7. The two platforms work together seamlessly, forming a unified security solution. MonitorCast is easy to use, highly expandable, includes a browser-based management UI, rules manager, realtime reporting, and fully integrated with active directory.

The VI redaction plug-in should be installed on a workstation that meets or exceeds the following hardware recommendations.

CPU	Intel Core (3.1 GHz quad-core)
RAM	8GB or Better
Network	1 Gb/s+
OS	Windows 10 PRO Windows Server 2012-2019

H.265 Support
H.265 is supported for live video streaming, playback, clipping, and snapshot creation. VI users can benefit from H.265's improved bandwidth and storage efficiencies all without sacrificing image quality.

Expanded Functionality Via New Plugin Architecture
Video Insight's plugin based architecture allows users to expand the functionality of their surveillance system with features designed to meet challenges specifically faced in their vertical. Plugins include vehicle tracking plus recording, LPR, and facial recognition (FacePRO).

VIDEO INSIGHT, PANASONIC'S POWERFUL ENTERPRISE VMS WITH COST EFFICIENCY



Video Insight is the latest in surveillance technology integrating powerful enterprise VMS features, and cost efficiency in one robust system.

With more than 25,000 current deployment worldwide in law enforcement, commercial, education, healthcare and transportation industries, Video Insight continues to provide you optimal solutions to meet your security demands.

Panasonic Video Insight meets your demand for an advanced Video Management System with a powerful complete configuration of enterprise-level reliability, and cost-efficiency as an easy-to-use surveillance solution.

Advanced surveillance features eliminate uncertainty and improves response times. Every feature provides direct user benefits to your surveillance operations.



• ENTERPRISE VMS

• COST EFFICIENCY

• EASY-TO-USE



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VITV+



Optimised Hardware Allows Unlimited Scalability

Engineered as a pure 64-bit system, Video Insight maximises hardware capability resulting in increased efficiency across all system features.

A key factor in hardware optimisation is Video Insight's powerful capability to allow users up to 400 cameras per server with an unlimited number of web clients and storage size.



Advanced Bundled VMS Features

Video Insight features a single-management interface which comes pre-installed with a wide array of features at no additional costs. Enhanced surveillance features include the Video Wall V6, Automated Failover, Active Directory LDAP, Access Control Integration and Software Development Kit (SDK).

PRO
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KEY FEATURES

Recorded Video Management:

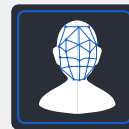
- Video compression support : Wavelet, JPEG2000, MJPEG, MPEG2, MPEG-4, H.264, H.265
- Frame-by-Frame or variable playback speeds up to 100X on SE Version
- View single camera or drag and drop up for Full Custom Layout Synchronized Playback.
- View groups of cameras via drag and drop with Layout 1, 4, 6, 8, 9, 12, 16, 20, 25, 30, 36, 64
- Multiple live views and playback up to 64 camera per Monitor.
- Support Thumbnail Search & Graphic Search display.
- Instant replay of last 30 seconds of recorded video. (Via Rule)
- Slider bar provides quick access to events.
- Digital zoom and Digital PTZ on Live and recorded video.
- Synchronized video and audio playback.
- Create a clip with use of guides marking time interval and Bookmark
- Save clip to local client or server.
- Continuous, motion activated, scheduled, event or Trigger based recording.
- Support Record Overwrite and Record Day.
- Record always at low FPS and transition to higher FPS on motion events or alarm.
- Multi monitor support Via Free Floating Workspaces.
- Video Wall app supports up to 64 monitors.
- Easy PTZ control options included on-screen overlay Via collapsible right menu bar.
- Cycle PTZ presets, pausing for specified interval.
- Operators can push single camera or layout to a Video Wall.

Notifications & Analytic

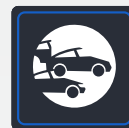
- Pop-up live windows of alarmed cameras.
- Play audio file on alarm to alert operator customizable per user.
- Pop-up window with detailed instructions for operator.
- E-mail or send Custom Messages text Flashback Images, Interval snapshots.
- Event Alerts can be directed to specific Users groups, Camera group, Maps Alert.
- Event Notification with Rule.
- Motion alerts displayed for each camera.
- Option to play a sound on motion alarm.
 - AI - VMD Analytic Detection.
 - Face Detection and Face Recognition.
 - License Plate Recognition.
 - Gunshot Location Detection.
 - People Search and Vehicle Search.
 - Google GIS Maps.

PLUG-INS MODULE

New plug-in architecture enhances the capability of Video Insight 7 and adds greater scalability and improve feature sets. New plug-ins include analytics, Vehicle Search, Face detection, LPR, gunshot detection, Google Maps and more.



Face Detection



Vehicle Search



License Plate Recognition



Gunshot Location Detection



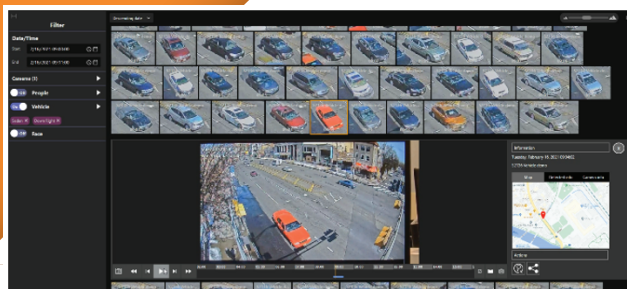
Google Maps Integration

PRO

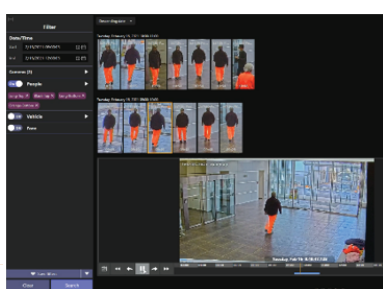
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Characterization Detection

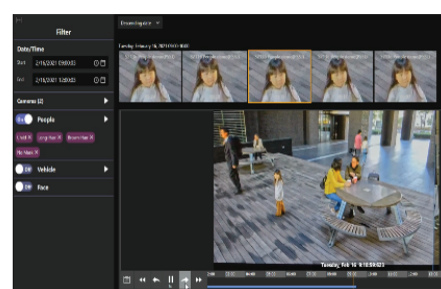
- Can Search detected object like **people, Vehicle and Face Recognition**.
- Can filter search results based on characterization of detected object.
- Can notify detected alarm like **AI-VMD, VIM+ Plug-in and Mobile App (VI Guard)**
- Current target quantity of connected camera is 100 per IP Server.



Vehicle Search



People Search



Face Search

Enterprise Functionality

- Support Operating Systems: Microsoft Windows 10, Windows Server 2019.
- 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
- Support for unlimited cameras and recording servers on VI MonitorPlus.
- User database, cameras, layouts, and full system management
- Support for both centralized and distributed architectures and Multi-Server management.
- 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 Security permissions with Live views, Playback, Backup, Maps, Bookmark to users groups.
- All system and user settings are stored in SQL database.
- Support Automatic Failover and Edge recording.
- 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, Google GIS Maps 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.
- Export Recorded video is saved in cameras native compression format and placed in AVI or EXE container for easy universal playback.
- Clips can include Optional 128bit encrypted watermark, serverbased date/time stamp, and camera name.
- Camera Maintenance logging and tracking .Net-based.
- Software Development Kit (SDK) Integration for other application.
- Camera Setup Template Support.
- Review recorded events across Multiple cameras quickly Via smart Thumbnails search for precise investigation.
- 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
- Support Multi-streaming up to 6 streams per camera and dynamic stream switching (Stream 1 and Stream2).
- Automatic Camera detection and automatic IP Address assignment with network system of Server.
- 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.
- 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.
- Live View maps from Windows, Mobile, or Web Clients (Internet Explorer, Microsoft Edge, Google Chrome, Firefox).
- iPhone and iPad Vi Mobile app available for free through iOS Apple Appstore.
- Android Vi Mobile app available for free through the Google Play.
- Limit users to a single login per username.

Easy Licensing

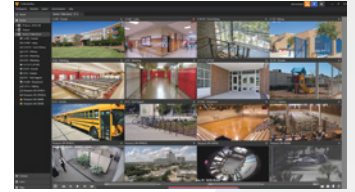
- Simple Per camera licensing structure, available in single camera increments.
- No extra licensing costs for client applications, or annual maintenance fees.
- No base or server license fees when using genuine Video Insight servers.
- Individual camera's MAC address not required for easy servicing and replacements.

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
- User level
- Multi-level security including restriction of setup, management, live and recorded viewing, PTZ operation, access to layouts, facility maps,
- 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.

Comparison Data Sheet

The New Video Insight 7 is our biggest release ever. Redesigned from the ground up to provide enhanced performance and stability, maximize scalability and offer new premium functionality for key vertical markets. VI 7 is aimed at making the entire video management suite more intuitive, more powerful and easier to use.



VIDEO INSIGHT VERSION	VERSION 6	VERSION 7.9.0.5 ENTERPRISE	VERSION 7.9.0.5SE ENTERPRISE-SE
CAPABILITIES OF WINDOWS CLIENTS	VI Monitor Classic	VI MonitorPlus	VI MonitorPlus
Enterprise Live Video Monitoring	/	/	/
Access to Recorded Videos and Clipping	/	/	/
Facility Maps with Camera and Door Functionality	/	/	/
PTZ Control	/	/	/
Access Control Integration	/	/	/
Custom View Management	/	/	/
Guard Tour & Reporting	/	/	/
Media Player with Video tamper Detection	/	/	/
Synchronized Playback for Multi-Camera Viewing	/	/	/
Variable bitrates Controls for Optimization of Bandwidth	/	/	/
Audio Playback and Recording Functionality (For Compatible Cameras)	/	/	/
360 Camera De-warping Functionality	/	/	/
License Plate Recognition (Add-on Paid Plug-in)	/	/	/
Rules Manager functionality	/	/	/
Enterprise User Level Management	/	/	/
Storage Management / File Manipulation	/	/	/
System Log Reports for All Events in VI	/	/	/
Logs Exporting In PDF, XPS, & TXT Format	/	/	/
Web-Page as Camera View Capability	/	/	/
Video Bookmarking Support	/	/	/
Workspaces : Multi-Tasking Tabs	/	/	/
Full Access Control Dynamic Menu for Facility Maps.	X	/	/
New Client UI	X	/	/
Dynamic Menu Bars	X	/	/
Full Hardware Acceleration Support for Improved Video Playback Via 3rd Party GPUs	X	/	/
Custom Application Plugins: IE Point of Sales, GPS Location, and More.	X	/	/
Live Camera View Sharing with Messaging	X	/	/
Improved Ability to Share Live Camera Views and Layouts through Video Wall	X	/	/
Increased Optimization Setting Options	X	/	/
Easy one-click Custom Workspace Saving	X	/	/
Workspace Home Screen with Custom Quick Launch Options	X	/	/
Enhanced Timeline with Motion vs Fulltime Recording Indication	X	/	/
Improved Video Exporter	X	/	/
Motion Search (Through free Plug-In)	X	/	/
Enhanced Camera Cycle Layout Functionality	X	/	/
Cameras Management Support	X	/	/
Health Monitor Cloud	X	/	/
Full Virtual Machine Compatibility	X	/	/
IP Server Backward Compatibility	X	/	/
IP Server Forward Compatibility	X	/	/
Fully Redesigned System Architecture	X	/	/
Full H.265 Compression Support	X	/	/
Plug-in Module			
Includes Mobile IOS, Android, & Web Viewing Clients and notification	X	/	/
Includes Integrated Enterprise Access Control Platform MonitorCast	X	/	/
Enterprise Customize dashboard and Widget	X	X	/
- Video, Maps, Report Information, Graph Information, Web Link	X	X	/
AI-VMD Analytic	X	/	/
Encoder and decoder support	X	/	/
License Plate and Face Recognition (Support Option)	X	X	/
People Search	X	/	/
Vehicle Search	X	/	/
Google GIS Maps Integration (Support Option)	X	X	/