SECURITY SOLUTIONS FOR K-12 AND CAMPUS SAFETY
With over 60 years of innovations in the security industry, Panasonic i-PRO Sensing Solutions has made it our mission to protect students and the education professionals who guide them. Backed by a diverse portfolio of security and evidence-management platforms, Panasonic i-PRO Sensing Solutions can tackle any security challenge within the campus environment by delivering an end-to-end security solution that is customizable, scalable and easy to use, all while providing one of the best total-cost-of-ownership proposals in the industry.
Panasonic i-PRO Integrated Solutions

PERIMETER SAFETY
- Video Insight VMS
- MonitorCast
- VI TV+
- Bus Fleet Management
- Body Worn Cameras

SITE AWARENESS
- Edge-Base Analytics
- AI Camera Line
- HALO IOT Smart Sensor
- i-PRO Camera Segment

INCIDENT PREVENTION
- Rules and Reactions
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COST OF OWNERSHIP
- Hardware Software Bundling
- Retaining Your Prior Investments
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- Grants and Financing
- The Power of One
Many video management software (VMS) solutions have been designed with confusing licensing structures and overly complicated user interfaces, which usually leaves clients with a platform that is costly and hard to use. This is where Video Insight (VI) shines. VI provides a powerful, yet intuitive, open platform that delivers full situational awareness and control over your site. Through a single UI, a user can fully manage all of their site’s security system components, which reduces the learning curve and raises total site perception.

Designed with a campus environment in mind, this powerful VMS solution captures, manages and archives videos from all of your cameras, whether they are located at a single location or spread across multiple ones. Also, since VI supports over 4000+ camera models from over 150 manufacturers, you can rest assured that your prior hardware investment will not go to waste. Additionally, the VI VMS platform has one of the best total-cost-of-ownership proposals in the industry, which makes it extremely easy to upgrade to and reduces the associated costs.
INCLUDED COMPONENTS:

**VI MonitorPlus | PC-Based Viewing and Management Client | Unlimited Access**

VI MonitorPlus is Video Insight’s main viewing and management client. VI MonitorPlus provides enhanced performance and stability, maximizes scalability, and offers enterprise functionality. VI MonitorPlus is aimed at making the entire VI video management system more intuitive, more powerful and easier to use.

**VI Web Client | Full VMS Functionality Via Any Browser**

VI Web Client is a browser-based viewing and management client provided to Video Insight users at no additional cost. It provides on-demand remote access to live and recorded video from any camera / server comprising one’s site. With VI Web Client, admins can perform quick searches, utilize mapping features, clip, control PTZ cameras, view system performance, and manage their users.

**VI Mobile Viewing Clients | Awareness Anywhere**

VI Mobile is a VMS app that allows authorized “on-the-go” users to access live and recorded video from any camera on any server. Users can view and control PTZ cameras, view full layouts, and manage integrated access control door functions via their supported Apple or Android-based device.

**VI Monitor for Mac**

VI Monitor for Mac provides quick access to live and recorded video on any Mac system running Mac OS 10.9 or greater. This native client allows unlimited amounts of monitoring designed with the unique features that the Mac OS echo system provides.
Video surveillance is just one of the components needed to achieve campus safety. Another main element of any effective school safety roadmap should be an enterprise-grade access control system, which enables its user to quickly and efficiently set schedules, manage users, produce reports, and lock down the entire site in the event of an emergency. Ideally, this access-control platform should also integrate fully with the site’s video surveillance system. MonitorCast is such a platform.

MonitorCast is our in-house-developed access control application that is fully integrated with Video Insight. Though the platform can be a completely stand-alone application, it can be fully controlled and configured using VI MonitorPlus to make both platforms one unified security solution.

**FEATURES:**
- Full Integration with Video Insight v7 and Above
- Real-Time Reporting Dashboard
- Anti-Passback
- Scheduling
- Active Directory Integration
- Multi-Site Support
- Door Access Levels and Management
- Map-Based Alarms with VI Monitor Integration
- Built-In Rules Manager
- Web-Based Stand-alone UI
- Schlage NDE/LE Wireless Lock Support Using Mercury and Engage I/O Hardware
- Altronix LINQ Integration (Requires Licensing)
- Added Personnel Reports Along with Card Status
- Automated Email Reports
- Login Lockout Feature for Increased Security
- FarPointe Remote Control (Indalla 33 Bit)
Optional Clients and Plug-ins:

VI TV+

One of the challenges of deploying IP video cameras is displaying their live images in a public setting. Fortunately, our VI TV+ app was developed to meet this deployment scenario and makes the process as easy as possible. With VI TV+, any 4th-generation Apple TV media player can become a feature-rich viewing client that allows a user to set up camera tours, display camera layouts, review recorded video, and do searches for any feed found on campus.

Bus Fleet Management

Educational providers know that campus security does not begin or end at the borders of buildings. It must be maintained from the moment a student enters onto school property, even if that property is on four wheels.

Panasonic i-PRO Sensing Solutions also offers an optional transportation recorder and software plug-in for the Video Insight VMS. This solution provides officials with easy access to recorded video, vehicle information and GPS data on the same system that manages their fixed on-site cameras. This allows them to have eyes on their entire campus at all times.

FEATURES:
- Video Playback with Geo-Location Data Displayed on a Map
- Programmable Actions Trigger Recording (Stop Sign, Door Open/Close and Panic Button)
- Tracks Bus Activity and Location to Identify Unexpected Incidents
Body Worn Cameras for Campus Security

Panasonic i-PRO now offers its Arbitrator body worn camera as part of its comprehensive security solution. Our body worn camera is the ideal companion for school resource officers in K-12 education or those users that require recording on the go, and it can now be uploaded onto Video Insight video management software. To do this, you simply dock the camera, and the video offloads automatically for incident review.

FEATURES AND BENEFITS

- Review BWC Footage Within Video Insight VMS
- Add Mobile Audio/Video to Your Fixed Video Surveillance System
- Monitor the Safety of the Campus Wherever and Whenever Needed
- Fewer Incidents When Students Know They are Being Monitored
- Real-Time Evidence of Student/Staff Interactions
- Record Incidents That May Be Missed By Fixed Video
- Longer Battery Life, More than 12 Hours
- Supports H.264 Video Compression
- Rugged IP67 and MIL-STD-810G Architecture
- 1080p / 720p / 360p Resolution, 16:9 & 4:3 aspect ratio
Edge-Based Analytics

i-VMD

Having clear and usable video of an event that has taken place is key to conducting investigations. However, preventing a tragic event from taking place to begin with should be the end goal of any security application.

Therefore, Panasonic i-PRO Sensing Solutions has a number of advance analytics technologies included in many of our camera solutions at no extra cost.

One such analytic is intelligent video motion detection (i-VMD). i-VMD goes beyond simple passive video accumulation by enabling select i-PRO cameras to automatically identify and respond to a particular set of scenarios in real time.

I-VMD FEATURES INCLUDE:

- Scene Change Detection
- Intruder Detection
- Loitering Detection
- Direction Detection
- Line Cross Detection
- Object Detection

Ai Camera Line

While edge-based analytics are a great way to expand your site awareness, Panasonic i-PRO Sensing Solutions has developed an even more powerful tool to aid in the mission of campus safety, our new line of Ai powered cameras.

Unlike i-VMD analytics that can detect a set of pre-defined behaviors, i-PRO’s new Ai camera line goes beyond such capabilities. These cameras can read the scene instantly and identify various elements, such as people, bikes, and cars. They can even warn a user when a gun or a knife is detected within the scene, thus providing real-time site awareness.
iPRO Camera Segment

No two schools are alike. There are many installation and environmental conditions to take into account when selecting the right camera hardware.

Deployed globally, Panasonic iPRO camera solutions are designed with these challenges in mind, as they must survive in every environmental condition found around the world. Whether your campus is facing poor visibility due to direct or lowlight conditions, condensation issues, heavy precipitation, or dust adhesion, you can rest assured knowing that our cameras will meet these challenges head on and provide you with extreme visibility, H.265 compression, and network security.

Panasonic iPRO Sensing Solutions understands the mission-critical nature of campus safety. We know that the tools and hardware used to keep your staff and students safe must be an asset, not a liability. This is why we stand behind our iPRO line of cameras with a five-year advance replacement warranty.

HALO IOT Smart Sensor

Vape Detection

Unfortunately, in today’s campus environment, the growing trend of e-cigarettes and vaping presents educational providers with a set of unique challenges that cannot be solved with traditional smoke detectors. Therefore, Panasonic iPRO Sensing Solutions has fully integrated Video Insight with the HALO IOT smart sensor. This multi-sensor is capable of detecting vape, smoke, THC and sound abnormalities (like shouting) in areas a camera cannot be placed.

HALO FEATURES INCLUDE:

■ Vape / Smoke/ THC Detection
■ Expanded Air Quality Analysis
■ Audio Analytics
■ Environmental Analysis
Rules and Reactions
If they are not collectively working to improve the safety of your students and faculty, camera resolutions, hardware specifications, and software capabilities are meaningless.

We believe in security solutions that can deliver prevention over evidence. To achieve such a result, you need a platform that can react intelligently to a number of events as quickly as possible.

This is why we built a powerful rules engine in the heart of the Video Insight and MonitorCast platforms. With these rules engines, a user can customize a vast array of automatic responses to any number of events deemed important to the site’s safety.

For example, if someone is detected in an area they should not be in, or if an analytics such as FacePRO recognizes a dangerous individual on campus, Video Insight can quickly react and notify any number of users of the individual by instantly sending a photo, a video clip, or by popping up a live camera feed on the client’s machines. Furthermore, audio alerts could automatically play throughout the campus through the intercom system, and with access control integration, doors can lock to prevent that individual from gaining additional access to the site.

Now, no rule or automated event will ever replace the importance of security professionals who are ultimately tasked with the well-being of your students, but such automated actions can provide them with a much-needed edge in their efforts on campus safety.

Sharing Critical Knowledge
Knowledge is power! Video Insight, our comprehensive video management solution, makes it easy to share your site’s layout, camera, and recorded evidence with your local law enforcement partners.

Since VI provides its users with unlimited viewing client instances, a campus can simply add an individual officer or an entire police department to their list of approved personnel. This adds an extra layer of protection for the school and provides police officers with critical knowledge to aid them during an emergency.
Hardware Software Bundling
Every solution has a cost-to-benefit ratio, even those that are designed to keep us safe. At Panasonic i-PRO, we do not believe that costs should ever compromise student and campus safety. Our goal is to provide our users with a complete and comprehensive security solution they can fully utilize from the moment of deployment.

To this end, we bundle a camera license for Video Insight with every Advidia and Panasonic i-PRO camera, include an Enterprise server license with our NVR offerings, and include a MonitorCast door license with every controller. From the moment you purchase one of our hardware solutions, you not only have access to a video management system, but you no longer need to be burdened with the associated software costs of such platforms.

Retaining Your Prior Investments
One of the greatest cost challenges facing many educational providers stems from their prior investments in security-based hardware, software, and infrastructure. We understand that the retention of infrastructure saves both time and money.

Panasonic i-PRO’s Video Insight platform is a completely open-source solution that natively supports over 4000+ cameras from over 150 manufacturers. On top of that, VI supports 99% of all servers and client machines running either Windows Server or Windows 10 pro operating systems. This makes the transition to our solution an extremely simple process.
C.U.P.

Your prior hardware solutions most likely came with software investments. In an effort to make the upgrade to our platform as easy and cost effective as possible, Panasonic i-PRO Sensing Solutions has a competitive upgrade program (C.U.P.).

C.U.P. allows new clients to receive a discount on our Video Insight 3rd-party camera and server licenses in exchange for every one camera or server they had on a qualified competing platform. This ensures that your prior investment does not go to waste and makes the path to the Panasonic i-PRO security solution an effortless one.

Grants and Financing

In an effort to reduce the investment costs associated with our solution, our team members can aid you with the location and application of grant dollars you may not know exist. Furthermore, no matter which of our solutions you may want to invest in, we can help reduce the initial commitments tied to them with a customized finance program.
Full Solution by Panasonic i-PRO

Educators understand better than anyone that the learning and mastery of a new subject is a challenging endeavor.

At Panasonic i-PRO, we have taken this concept to heart. We have reduced the learning curve of our entire security solutions by fully integrating them into our Video Insight VMS. No matter which of our solutions a campus might need, you can access and control them all through VI.

A user no longer has to understand the logic behind an independent access control solution or how to take advantage of a stand-alone analytic. Instead, once a user learns the basic functions of VI MonitorPlus, they can effectively use all integrated solutions tied into VI and increase their site’s overall security.

Finally, no solution is complete without support. We understand the critical nature of campus safety, and we take pride in the fact that we can provide you with software, hardware, and warranty assistance for all of our solutions with just one call to our U.S.-based support team.