



## The Power of Security Anytime Anywhere! - *LIVE!*



### I-PECOS/RAVS™ Integrated Command Control and Remote Audio Video Surveillance System

AnyToAnyVideo™ innovative technologies are designed to permit complete simultaneous control of otherwise unrelated equipment applications and work with your cameras and monitors to offer an unparalleled level of remote "live" surveillance right at your fingertips, including hand held devices.

Mobile monitoring represents only one facet of our multi-tiered control, command and surveillance systems. We invite you to explore this new vision of optimal, distributed command and control system with integrated remote surveillance and see how proprietary SAVS™ video compression can work for you.

Conceptually, I-PECOS/RAVS is the generalization of the universal-remote control well known for consumer electronics. All electronic systems in a facility may be controlled from a single graphic touch panel. It was designed to offer the "certified" for nuclear weapons security full-PECOS (licensed from Modular) integration capabilities to commercial facilities.

The applications for I-PECOS/RAVS include, but are not limited to, security; access controls; fire; video surveillance and recording; communications networks, intercoms, and telephony; heating, ventilation and air conditioning (HVAC); lighting; audio/visual, and emergency response. I-PECOS/RAVS provides a command and control environment that sets above these diverse systems, to integrate all such "subsystems" into a single harmonious electronic system managing the functionality of all subsystems simultaneously.

The I-PECOS/RAVS system provides human interface through large-screen, touch-panel, graphics-based, PC video monitors. It monitors the "health" of all subsystems' components and reports any failure and/or degradation for maintenance attention. Several touch panel monitors may be distributed around a facility to provide client access to the controls from different locations. If the application is unusually sensitive, the system may be configured to have all components completely redundant, with automatic fail over to backup hardware, to prevent an equipment failure taking a subsystem off-line.

Through its revolutionary video compression technology, AnyToAnyVideo™ provides video streaming and storage solutions for Internet-enabled devices. AnyToAnyVideo™ provides superior technology for video surveillance products optimized for viewing on PDAs and cell phones and will continue to create technologies for greater efficiency and mobility in video surveillance and other applications.

**AnyToAnyVideo, LLC – CharterHouse Affiliate 2801 Townsgate Road, Suite 139, Westlake Village, CA 91361**  
**Phone: 805.494.5191 Fax: 805.494.8191 [www.anytoanyvideo.com](http://www.anytoanyvideo.com) email: [info@anytoanyvideo.com](mailto:info@anytoanyvideo.com)**

AnyToAnyVideo logo is a trademark of AnyToAnyVideo, LLC. RAVS, SAVS are trademarks of VCT Vision, Inc. PECOS is a trademark of Modular Integrated Technologies, Inc. All other trademarks are property of their respective owners.

## **PECOS™: THE ONLY COMMERCIAL-OFF-THE-SHELF TECHNOLOGY “CERTIFIED” FOR NUCLEAR WEAPON SECURITY**

After previously being available only to classified programs, PECOS is now available for immediate commercial and military distribution. The mature PECOS products have been continuously controlling entire DOE nuclear weapon facilities for over ten years. PECOS is the only commercial-off-the-shelf (COTS) integration-software technology “certified” for nuclear weapon security. After fifteen years of attempts, with PECOS, no DOE facility has ever failed a force-on-force penetration exercise.

Process Equipment Control System (PECOS) is a Personal Computer (PC) based “operating system” for command, control, and communications among unrelated pieces of security equipment. It is an integrating system. PECOS technology is absolutely distinct from traditional systems. PECOS (1) makes disparate security equipment from otherwise competitive manufactures work together seamlessly and (2) accomplishes that feat for systems of huge scale and in real-time. The use of PECOS changes the entire vision of what can be expected from a physical security system.

PECOS is recommended for the specific purpose of integrating electronic systems allowing them to become interoperable across incompatible platforms on a regional, national, or international basis. PECOS may be configured as the equivalent of a Universal Remote control that has the ability to link hundreds or thousands of complete security subsystems to its control authority. When used for securing perimeters, facilities, and vehicles with your own choice of subsystems, PECOS seamlessly integrates those choices into its control frame and allows you to increase your subsystems, sensors, monitors, and other security equipment on an unlimited basis. This specific capability does not exist in any other software platform in the world.

## **SAVS™: THE POWER OF SECURITY, ANYTIME, ANYWHERE**

SAVS™ is a proprietary compression technology licensed by AnyToAnyVideo™ for video surveillance systems. SAVS™ offers unsurpassed picture quality and transmission capability. The proprietary compression of SAVS™ is so powerful that you can check in on your security cameras from a modem, slow or high speed Internet, or even through a cellular connection to your PDA or Smartphone. SAVS™ has proven to be 2 to 5 times more powerful than MPEG-4 and more than 10 times better than Motion JPEG, giving high levels of compression while maintaining exceptionally high image quality. SAVS™ is available with Remote Audio/Video Surveillance (RAVS™) systems from AnyToAnyVideo™. These cutting-edge inventions, collectively called SAVS™, include:

- High quality, high compression video codec algorithm
- Multi-channel synchronized audio recording capability
- Audio/video transmission at extremely low bandwidth
- Cash register point-of-sale database interface
- Remote archiving of audio, video, and point-of-sale data
- Two-way audio capability
- Playback on any DVD player

## **SPECIFICALLY FOR VIDEO SURVEILLANCE**

Unlike standard audio/video compression algorithms (codecs) such as MPEG-4 or Motion JPEG, which were developed for general purpose storing and streaming of single channel media files, SAVS™ is engineered specifically for video surveillance applications. This focused development has the following advantages:

- Multiple channels of audio and video can be recorded and/or transmitted *live* at once
- Low CPU power usage results in higher quality images, faster frame rates, and lower costs
- Transmission of audio/video at high frame rates even at low bandwidth

## **I-PECOS/RAVS: THE INTEGRATED SYSTEMS**

RAVS allows PECOS display station to request live video events and send it to PECOS roaming display stations, (PDA's). Roaming Display Stations are able to receive an event from PECOS, launch initiate, connect and display live video. Live video switching can be handled either by event notification or manually by the user. RAVS allows PECOS to send live video request for display at the central control room, by controlling the signal to the output monitor from the Video server.

## **The Power of Security Anytime Anywhere! - LIVE! Integrated Command Control and Remote Audio Video Surveillance System**

**AnyToAnyVideo, LLC – CharterHouse Affiliate 2801 Townsgate Road, Suite 139, Westlake Village, CA 91361  
Phone: 805.494.5191 Fax: 805.494.8191 [www.anytoanyvideo.com](http://www.anytoanyvideo.com) email: [info@anytoanyvideo.com](mailto:info@anytoanyvideo.com)**

AnyToAnyVideo logo is a trademark of AnyToAnyVideo, LLC. RAVS, SAVS are trademarks of VCT Vision, Inc. PECOS is a trademark of Modular Integrated Technologies, Inc. All other trademarks are property of their respective owners.