

VipSURV IP-Surveillance Third Generation Video Surveillance

1st Generation: Analog CCTV with VCR = **OBSOLETE**

2nd Generation: Analog CCTV with Digital Video Recorder (DVR) = **OBSOLETE**

3rd Generation: **Digital IP-Surveillance** - The future today!

RMSI integrates the best of two industries to deliver **VipSURV 3rd** generation video surveillance.

SECURITY INDUSTRY



- Needs Assessment
- Physical Security
- Analog CCTV
- Camera Expertise

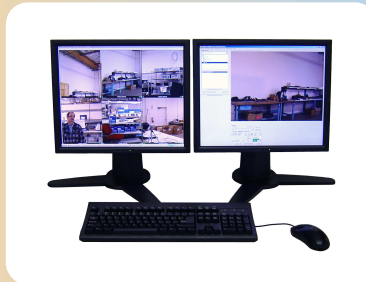
COMPUTER INDUSTRY



- WinTel Platforms
- Data Storage
- IP Networks
- Wired and Wireless

RMSI's VipSURV IP-SURVEILLANCE

- Needs Assessment
- Optimized Software
- Integrated & External Storage
- IP Networks: Wired and Wireless
- Integration with Physical Security System
- IP Camera Expertise
- WinTel Video Appliances
- Training and Support



VipSURV
Video Internet Protocol Surveillance

www.teamrmsi.com

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3rd Generation Benefits

Beyond the capabilities of CCTV systems

- **Video Performance**
High resolution and bandwidth provide clear images for live viewing as well as archived or shared image viewing. Eliminate the degraded stored image. The stored digital image is EXACTLY what is seen on the monitor.
- **High Capacity Storage**
Integrated and expandable storage with intelligent data retrieval.
- **Integration with Physical Security**
System flexibility is enhanced with RMSI's TRipNET to yield intelligent system responses to inputs from physical sensors.

Intelligent system integration facilitates installation and maintenance.



RMSI's power and connectivity controllers facilitate installation and maintenance of the VipSURV system components. These controllers also provide digital video streams from traditional analog sources such as thermal and explosion-proof cameras.

RMSI designs an effective network to support the surveillance system. Existing networking infrastructure is utilized whenever we can assure that the network performance will not be compromised and that it will support the surveillance system bandwidth requirements. Surveillance network link may be supported by a combination of Cat 5/6 Ethernet cable, fiber optic cable, and a variety of wireless Ethernet options.



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VipSURV IP-Surveillance

Bringing Technology Together for 3rd Generation Video Surveillance

RMSI's VipSURV IP-Surveillance captures the best features from the traditional CCTV technologies and merges them with the benefits of Open Architecture computing and networking to yield the next generation surveillance technology. This fully digital surveillance technology is ultimately scalable and upgradeable and, consequently, future-proof.

Traditional plus enhanced Surveillance capabilities:

- Records and plays back images from unlimited number of cameras
- Simultaneous record, playback, and live views
- Record MJPEG up to 30 frames per second
- Pan/Tilt/Zoom (P/T/Z) control via IP Protocol
- 7 day scheduler for unique daily patrol
- Up to 25 PTZ presets per camera
- Support video patrols with scheduled start/stop per camera
- Motion detection with exclusion zones
- Pre-post event recording
- Unlimited storage per camera
- Optional audio monitoring, recording, playback
- Automatic archiving to tape or DVD
- Support for input and output relays for alarms and control of doors and gates
- Integrates Access Control, Burglar, and Fire alarms.

Wide variety of cameras supported:

- Supports IP Addressable Cameras from any manufacturer
- Supports Traditional Analog Cameras via video server
- Supports, via video server, with existing analog cameras
- Supports advanced thermal, ultra-high-resolution, and infrared cameras



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Wide variety of monitoring options:

- High Resolution Digital Quality images
- Supports multiple monitors
- Supports “wall-of-monitor” software
- Supports remote viewing (see WAN accessibility below)

Wide variety of playback options:

- Instant search and retrieve from archive database
- Instant search on time, date, or activity alarm
- Instant playback with optional audio
- Digital zooming into recorded images
- Export of recordings in JPEG or AVI format, audio in Wave
- Allows control of record and playback from the internet (see WAN...)

Remote WAN Accessibility (via the Internet)

- Managed via VPN rules to assure secure remote access via LAN and Internet
- Multilevel password protect
- Worldwide remote viewing
- Worldwide access to video archive
- Remote PTZ and record control via Web

CCTV Background:

Closed circuit television systems have been a major tool for physical security for nearly 5 decades. These systems require guards to watch monitors, remotely control cameras, and change and store videotapes. In the last several years, newer CCTV systems have replaced the tape-based VCR with a digital video recorder (DVR). The DVR adds limited functionality to the otherwise analog system, but the quality of the stored image is degraded. The resulting DVR-enhanced CCTV systems have not improved the effectiveness or the functionality of the surveillance system as a security tool. These systems are not upgradeable and not easily integrated with physical security devices, so their functionality remains fixed from the day they are installed until the day they are thrown away.

RMSI's IP-Surveillance solves the shortcomings of CCTV + DVR

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