

# A Perfect Convergence

## Security and IT Become One

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With ever-more-powerful networks, growing bandwidth capabilities and advances in video compression algorithms, delivering professional-level security solutions over IT infrastructures is a reality like never before. And Pelco is leading the way.

### Why Video Over IP

The ability to view high-quality, full-frame-rate video via IP opens a world of opportunities for today's security professionals. In addition to the convenience of leveraging existing network infrastructures, video over IP can provide greater control, enhanced operational flexibility, improved management, and expanded recording, archiving, and integration capabilities over traditional analog video security systems.

With greater responsibility being placed on IT professionals to provide a platform for the deployment of video security on a company's network, it is imperative that solutions and technologies are available that provide the high level of security demanded while being able to do so without adversely affecting the network itself.

It is also imperative that network video security systems allow IT administrators to deploy, manage, and maintain their video security components at the same level and detail expected from advanced network appliances without compromising network integrity. By employing advanced networking protocols, security measures, and bandwidth management tools, Pelco IP video security products are designed to be the building blocks of reliable advanced network video security systems.

### Pelco Knows Security

For more than twenty years, Pelco has been dedicated to designing, developing and bringing to market tailored solutions for video security professionals. We understand security, its challenges and its opportunities. We understand it because it is who we are. Pelco is Security.

From our earliest pan-and-tilt mechanisms to today's industry leading Spectra IV IP network camera positioning systems, Pelco consistently listens to our customers to

Spectra IV IP is just one of the network-based camera systems that comprises Pelco's IP Camera Portfolio.



develop those products that address their needs. It has been our core philosophy for twenty years and it will continue to drive us for the next twenty and beyond.

## Pelco Knows Security Over IT

Because of our understanding of the ever-evolving demands placed on security installations, Pelco is uniquely positioned to deliver cutting-edge network-based solutions and technologies.

**From high-resolution image quality and full frame-rate video to a clear understanding of bandwidth constraints, storage requirements and more, Pelco continues to broaden the market's understanding of what security – and IP-based security – can mean to your unique application.**

## A Simple Question

While many applications are demanding the flexibility and performance of network-based technologies, at the end of the day you need to be able to answer a rather straightforward question: Has the system you invested in, whether a single network camera or a complete end-to-end solution, enhanced your security?

You must be able to answer this question, and to do so, you must understand that several factors and variables must be taken into consideration when designing and deploying a network-based video security system.

Some things to consider:

**Optics** – Because Pelco understands what constitutes a true video security installation that delivers the results you demand, we have dedicated our research and development efforts to powerful optics technologies specifically designed with the demands of video security in mind.

Spectra IV IP and the entire suite of Pelco network camera systems feature advanced optics, including Day/Night, LowLight, Wide Dynamic Range and IR Trace Curve technologies. By developing these

technologies specifically to meet the demands associated with network-based security, our camera systems deliver the highest-quality video in the most-demanding lighting conditions.

**Imagers** – Pelco offers tremendous choice when it comes to imager technology. Understanding that different lighting conditions and application demands require unique solutions, both CCD and

CMOS imagers are deployed in our camera systems. For low-light applications, the sensitivity of CCD imagers provides the deepest contrasts and truest color reproduction, which are so critical in today's video security applications. Meanwhile, CMOS imagers can provide a high-resolution video option. Combined with the widest array of lenses and optics technology, Pelco network-based cameras deliver unparalleled results.

And once the image is captured, Pelco DSP technology manipulates the video data, enabling the processing of advanced algorithms, including EIS, WDR, Motion Detection, Window Blanking and more.

**Network Video Recording and Management** – You've captured the video. Now what? While many manufacturers focus solely on the camera, Pelco understands that security is much more. As such, we have developed powerful network video recording and management backbones to properly process, archive, record, access, and share the critical video you are capturing. Whether the enterprise-class Endura Video System, Digital Sentry, Pelco Virtual Matrix Capabilities or our software-only solutions, Pelco addresses your security issues, end to end.

**Enclosures and Mounts** – To ensure the reliability and long-term efficacy of your investment, Pelco makes available the largest array of enclosures, mounts and ancillary hardware components in the industry. Designed with specific environmental conditions and ease of installation in mind, the choices are endless.

**Design Services** – You're never on your own when designing and implementing a video security solution. With A&E and Large System groups available around the clock to assist you with system design, specification, implementation and more, this is yet another service that sets Pelco apart from the rest of the industry.

## Your Partner Every Step Of The Way

For more than ten years, Pelco has dedicated itself to helping educate the industry that it serves through the Pelco Global Training Institute.

On a daily basis, PGTI hosts IT integrators, administrators, dealers, end users and others for free training in video security at Pelco headquarters. From product and technology overviews to in-depth network security and certification classes, PGTI is a unique opportunity only Pelco can offer to help you succeed in the deployment of video security systems.

Only one company can offer you this unmatched combination of technologies, products and solutions. Only one company can deliver the camera technology you demand, the complete suite of network systems you need and the expertise, experience, service and support you should expect. Only one company. Only Pelco.



As a leader in network-based video and security, Pelco is committed to delivering cutting-edge solutions to meet the ever-evolving needs of your security applications.