Endless adaptability

Endura
IP video management system

PELCO

by **Schneider** Electric

Discover the power of integrated security.

Endura — Meeting
the demands of 24/7
surveillance applications

When reliability matters most

Endura is the ideal video management system (VMS) for mission-critical surveillance operations requiring around-the-clock monitoring and unwavering reliability. It provides the tools security and IT professionals need to effectively safeguard people and property. Customizable permission settings and unlimited user profiles enable access for multiple stakeholders, driving greater return on security investment across your enterprise.

Reliability for 24/7 surveillance

As a distributed system, Endura™ architecture ensures that there is no single point of failure that would compromise user access to or continued recording of active devices. Endura is designed with multiple levels of redundancy to ensure maximum system uptime. From redundancies in the purpose-built hardware, to sophisticated active failover schemes in the recording sub-system, to an architecture that allows for individual components to continue operating in the event of a failure elsewhere on the system, Endura is engineered to address the complex requirements of mission-critical surveillance applications.

Dependable scalability

Scalable to accept thousands of HD and megapixel cameras, the Endura system is an intelligent, yet easy-to-use approach to video security that provides greater control, enhanced operational flexibility, centralized management, cost-effective recording, and integration capabilities. Endura has been engineered to offer the quality and responsiveness of traditional analog installations with all the benefits of an IP VMS system. What's more, Endura offers several options for existing analog matrix customers to migrate to an IP VMS system at their own pace. Customizable permission settings enable system administrators to provide access for an unlimited number of users who require different levels of visibility and administration.

Endless adaptability

Endura systems can integrate with other physical security systems and building systems to deliver situational awareness and control. Built around open standards, Endura includes a complete application programing interface (API), software development kits (SDKs), and dedicated technical support, which allow other systems manufacturers to develop interfaces for and leverage Endura capabilities. Additionally, Pelco™ by Schneider Electric™ has developed interfaces in Endura for third-party IP cameras, allowing users to choose across hundreds of camera options from Pelco and third-party partners when configuring a system. An Endura Certification Program ensures that all installations and support are done by highly trained professionals.

Endura is designed to fit a wide range of customer applications – including airports, casinos, and city surveillance – where unmatched fault tolerance and system integrity are mandatory.

Airports

Gaming

City surveillance

Endura IP VMS for mission-critical surveillance with unwavering reliability

A system to meet your specific needs

The Endura IP video management system offers unbridled scalability, uncompromised performance, and the unwavering reliability required for mission-critical surveillance applications. With the ability to scale thousands of cameras, Endura is designed to fit a wide range of applications — including airports, casinos, and city surveillance — where unmatched fault tolerance and system integrity are mandatory.

All IP

For new installations with large, mission-critical surveillance requirements looking to invest in IP, Endura is ideal. With its increasingly scalable approach that's easy to manage and monitor, Endura grows with the needs of the business while providing 24/7 performance. Accommodating thousands of cameras and with unlimited recording storage capacity, Endura is specifically designed to ensure continuous system availability.

Analog to IP

For those installations with an existing investment in analog systems, Endura makes the analog to IP migration an easy one. Endura can act as a recording system, emulate an analog matrix node, or replace the analog matrix functionality while retaining its familiar user interface and operational feel, allowing existing customers to migrate at their own pace to take advantage of the benefits of IP technology. Scalable to gracefully accept any number and mixture of standard resolution, HD, and megapixel cameras, Endura maintains its performance, operational control, and management attributes regardless of the number and size of cameras it is managing for any critical surveillance application. Nothing else compares to the power of the Endura architecture, which is engineered to minimize latency at every link within the system.

Access from anywhere

Endura now provides access to mission-critical video – wherever you may be. With the built-in transcoding engine and web server in the SM5200, Endura cameras and recorded footage can be accessed from any web browser or mobile device, regardless of the topology and bandwidth. For current Endura users with an SM5000 System Manager, upgrading to a new SM5200 is quick and easy. A simple procedure backs up user, camera, and device databases from the SM5000 to a flash drive and restores these databases to the new SM5200 – making for a seamless migration.

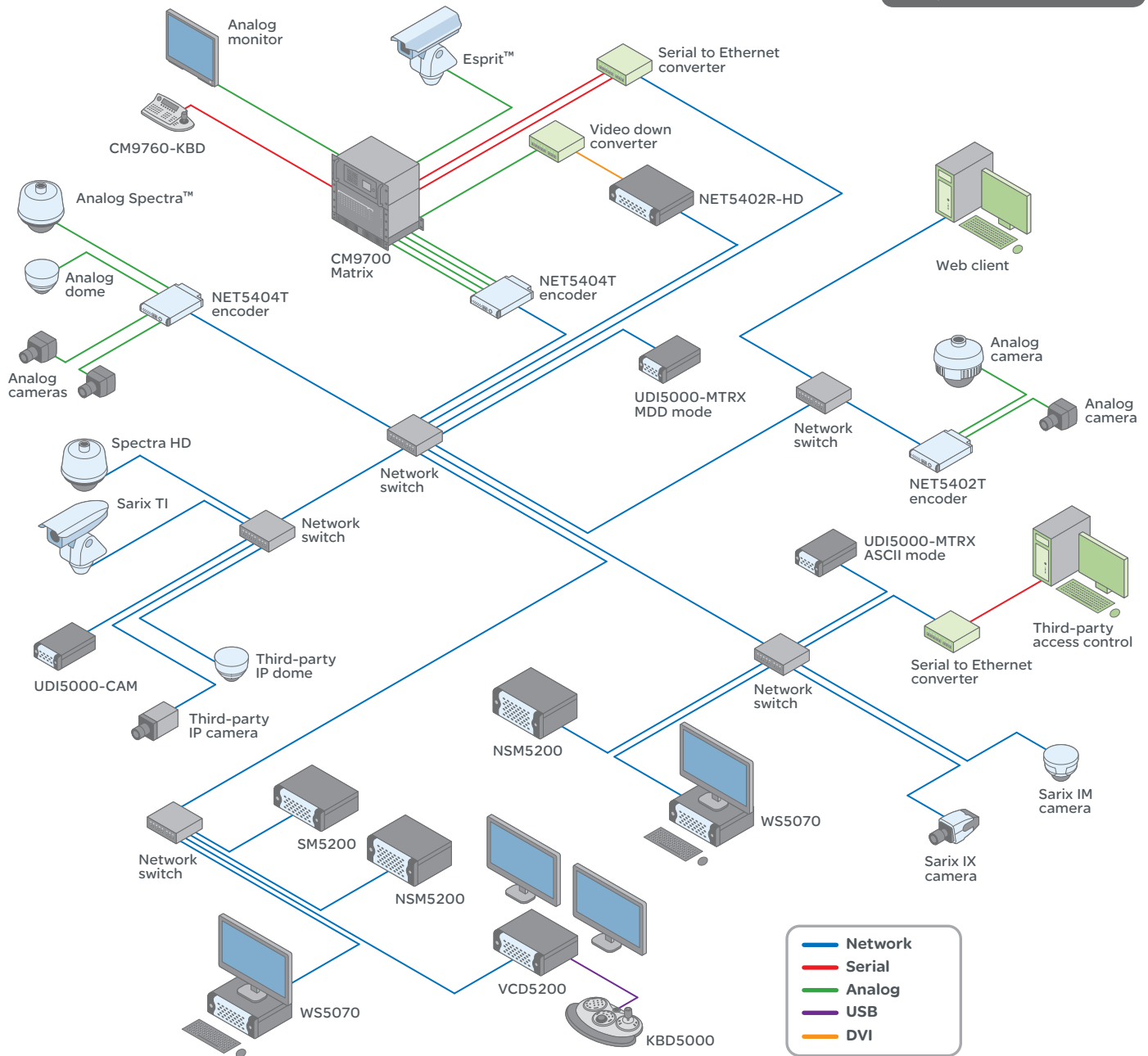### Pelco Mobile app adds convenience

Pelco Mobile™ provides remote access to live video direct from Digital Sentry™ systems, Endura systems equipped with the SM5200, or independent Sarix™ cameras. Now you can monitor the people and property you are protecting from anywhere you may be. Featuring a sleek, easy-to-use interface, Pelco Mobile is supported on mobile devices using the Apple® iOS and Android™ platforms.

Requires Endura SM5200; Digital Sentry v.7.3.54 or later; Sarix v.1.7 or later
Apple is a registered trademark of Apple Inc.
Android is a trademark of Google Inc.

Endura IP video management system

Endura is specifically designed to ensure there is no single point of failure to meet the demands of 24/7 surveillance applications.

Example of an Endura system

Analog monitor

Esprit™

Serial to Ethernet converter

CM9760-KBD

Video down converter

NET5402R-HD

Analog Spectra™

Web client

Analog dome

NET5404T encoder

CM9700 Matrix

NET5404T encoder

Analog cameras

UDI5000-MTRX MDD mode

Analog camera

Spectra HD

Network switch

Analog camera

Sarix TI

Network switch

NET5402T encoder

UDI5000-MTRX ASCII mode

UDI5000-CAM

Third-party IP dome

Network switch

Third-party access control

Third-party IP camera

NSM5200

Serial to Ethernet converter

Sarix IM camera

WS5070

SM5200

Sarix IX camera

Network switch

NSM5200

VCD5200

WS5070

KBD5000

	Network
	Serial
	Analog
	USB
	DVI

Endura components

With a complete range of solutions components, including NVRs, software, encoders, decoders, workstations, and keyboards, Endura is the ideal video management system for mission-critical surveillance operations that require around-the-clock monitoring and unwavering reliability.

Endura components	
SM5200	Endura Video Management System
NSM5200	Endura Network Video Recorder
WS5070	Endura Workstation with Advanced System Management
WS5200 software	Endura System Management Software
NET5402R-HD	High-Definition, Multi-Stream Network Video Decoder
WS5200-MAP	Map-Based Extension for Endura Workstation
VCD5202	Multichannel Video Display and User Interface
KBD5000	Full Function Endura Keyboard with PTZ Control
NET5400T	Dual Stream Encoder, Video Analytics Processor

SM5200

NSM5200

KBD5000

Endura VMS by the numbers	
Maximum number of cameras (analog + IP)	Thousands
Maximum number of analog cameras	Thousands with network video encoders
Number of megapixel IP cameras	Thousands
Maximum recording bandwidth per server	250 Mbps with 64 Mbps playback
Storage	Unlimited
RAID Recording	RAID 6

Features

Endura IP VMS features

> Ability to support thousands of analog and IP cameras

> Ideal for attended surveillance (keyboard, virtual matrix)

> Unlimited user profiles to serve multiple stakeholders

> Redundancy for mission-critical reliability

> Broad integration to other building and security systems

> Maximum recording bandwidth per server is 250 Mbps with 64 Mbps playback

> Unlimited storage expansion

> Equipped with RAID 6 recording

New SM5200 features

> Stream Endura video over low bandwidth connections

> Web browser support for administration, viewing, and export

> Ability to easily share video with multiple stakeholders

> Realize greater business value via easier access to video

For more information, please visit www.pelco.com or call (800) 289-9100 (United States and Canada) or +1 (559) 292-1981 (international). For pricing information or to purchase Pelco products, please contact your manufacturer's representative or the Pelco office in your area.

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