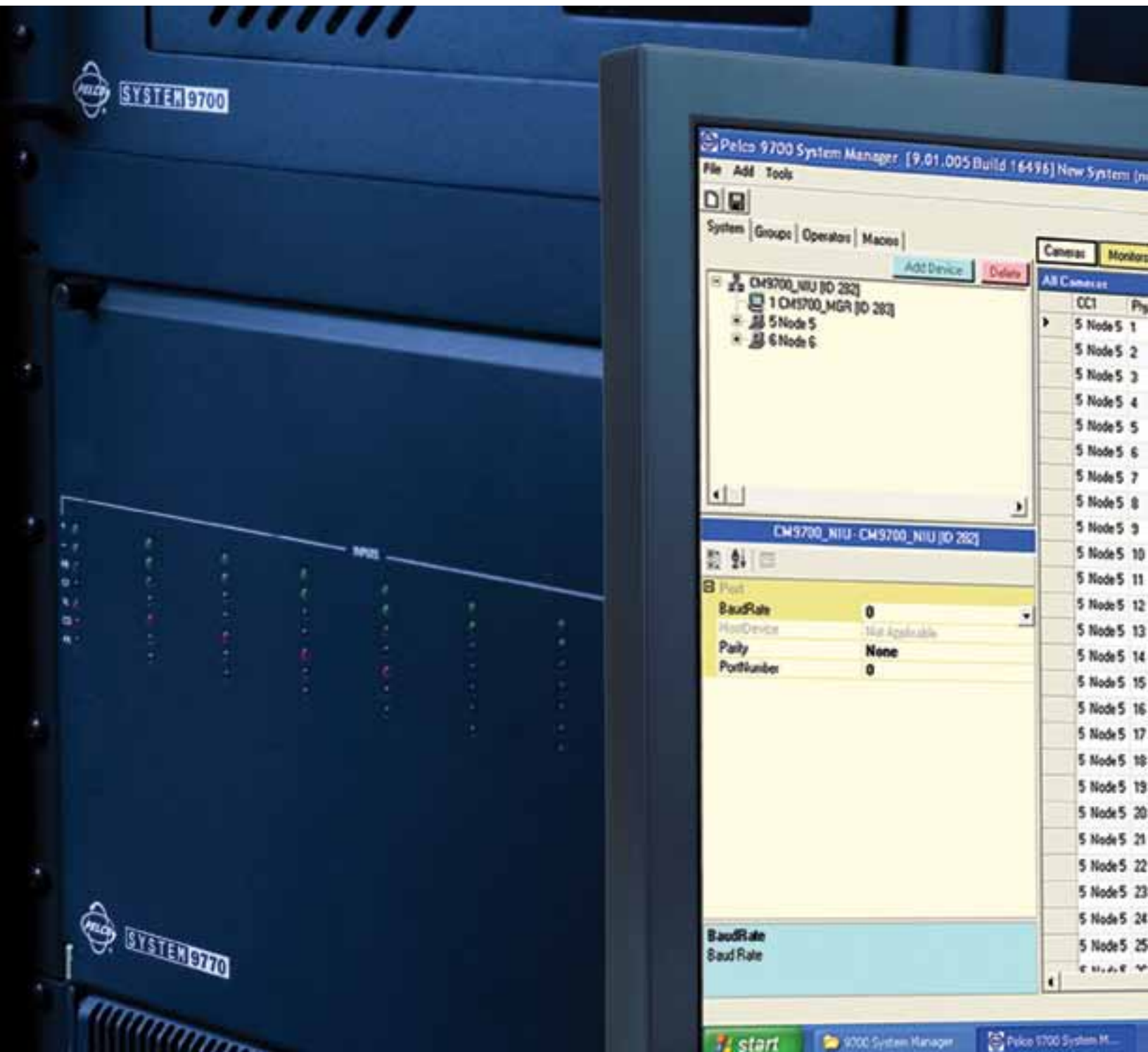




by Schneider Electric

System 9700 High Density Matrix

Powerful Video Security in a Reduced Space



It Doesn't Get Any Better Than This.

There was a time when big switcher features and performance meant: well, a really big switcher. Not anymore. With Pelco's System 9770 and 9780 High Density Matrix Switchers, you can have all of the control, flexibility and capabilities of a "big" switcher in 50- to 75-percent less space. And in this case, less is more.



More Control. More Speed. Less Space.



More room for security personnel and more room for everything else you never had room for before. When the situation calls for lots of cameras, monitors, keyboards and operators, but not lots of racks, we've got the solution. The 9770 and 9780 High Density switchers from Pelco.

Big Switcher Features In Less Space

Pelco's CM9770 and CM9780 are feature-rich, full cross-point matrix switchers that can be configured for as few as 32 cameras, to over 4,000 cameras and 512 monitors – all in a single node. Up to 24 nodes can be connected in a distributed architecture to expand on the systems overall capacity or to minimize cabling in distributed campus-like environments.

Pelco's high-density matrix switchers represent unequalled value for those designing systems for maximum flexibility, maximum control and minimum space. With a broad range of features and options the CM9770 and CM9780 help you and your staff get the video information you need to observe, evaluate and act with better results than ever before.

Although we've reduced the footprint, we haven't reduced the features. The System 9770 and 9780 support up to 5,000 macros system wide, with up to 120 commands per macro. That means you can automate like never before. User partitioning allows or denies access to video for up to 99 operators. Priority operation allows higher-level operators to take control of cameras pan/tilt/zoom (PTZ) functions. Lockout capabilities ensure lower level operators do not move a camera away from an individual or scene under investigation.

VCR or DVR Control? No problem. Control connected VCRs and DVRs right from the keyboard. Advanced alarm handling allows incoming alarms from access control, slot data, HVAC or other external systems to display and preposition multiple cameras to precise areas of interest under alarm conditions. Video loss a concern? System 9700 will let you know if it happens.

Intuitive Control. Ergonomic Interface.

The Pelco CM9760-KBD Intelligent Keyboard provides exceptional access to and control of the matrix switcher. Ergonomically designed for comfort and speed, lens control via rocker switches are located adjacent to the PTZ controls making single handed operation possible.

Program powerful macros for faster operation and system control. And with our customizable keyboard overlays, you can immediately identify the macro associated with each key. The bright LCD screen displays camera number, monitor number as well as specialized icons for multiplexer, PTZ, VCR and DVR control.



High Density Matrix



Compressed Footprint



Total Intuitive Control



Factory Pre-Configured Systems

Every Pelco matrix switcher is pre-configured at the factory to your specifications. All cards are installed and the system is programmed for full access. A 24-hour, system configuration burn-in is performed and all component and system functionality is tested to ensure ease of installation and fast time-to-operation.

Flash Technology

Accomplish system updates with ease. As new firmware code becomes available from Pelco, it can be loaded onto a laptop and connected to the bay via a serial cable. All modules can be flash updated to the latest version, with the press of a single button in the bay.

Hot Swappable Boards

All modules can be hot-swapped while the system is operating. New boards for system expansion can also be added to the bay while the system remains fully operational.

Advanced Manager Software

Every Pelco matrix switcher is pre-configured at the factory. However, when changes to the system are necessary, the Windows based advanced manager software provides a familiar windows operating environment. Configuration wizards help the administrator to quickly navigate the system and make necessary changes.

Matrix to Network Interface

The MDD-EVS allows for the expansion of existing analog systems by providing an interface between CM9700 matrix switchers and Endura™ distributed IP systems. This unit converts digital video streams from Endura into analog video that can be accessed, viewed, and controlled with a Pelco CM9700 series matrix utilizing a CM9760-KBD keyboard.



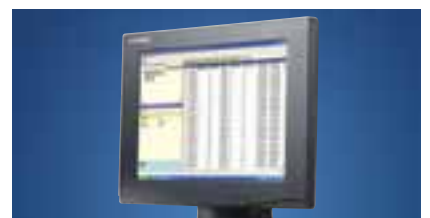
Pre-Confirmed Systems



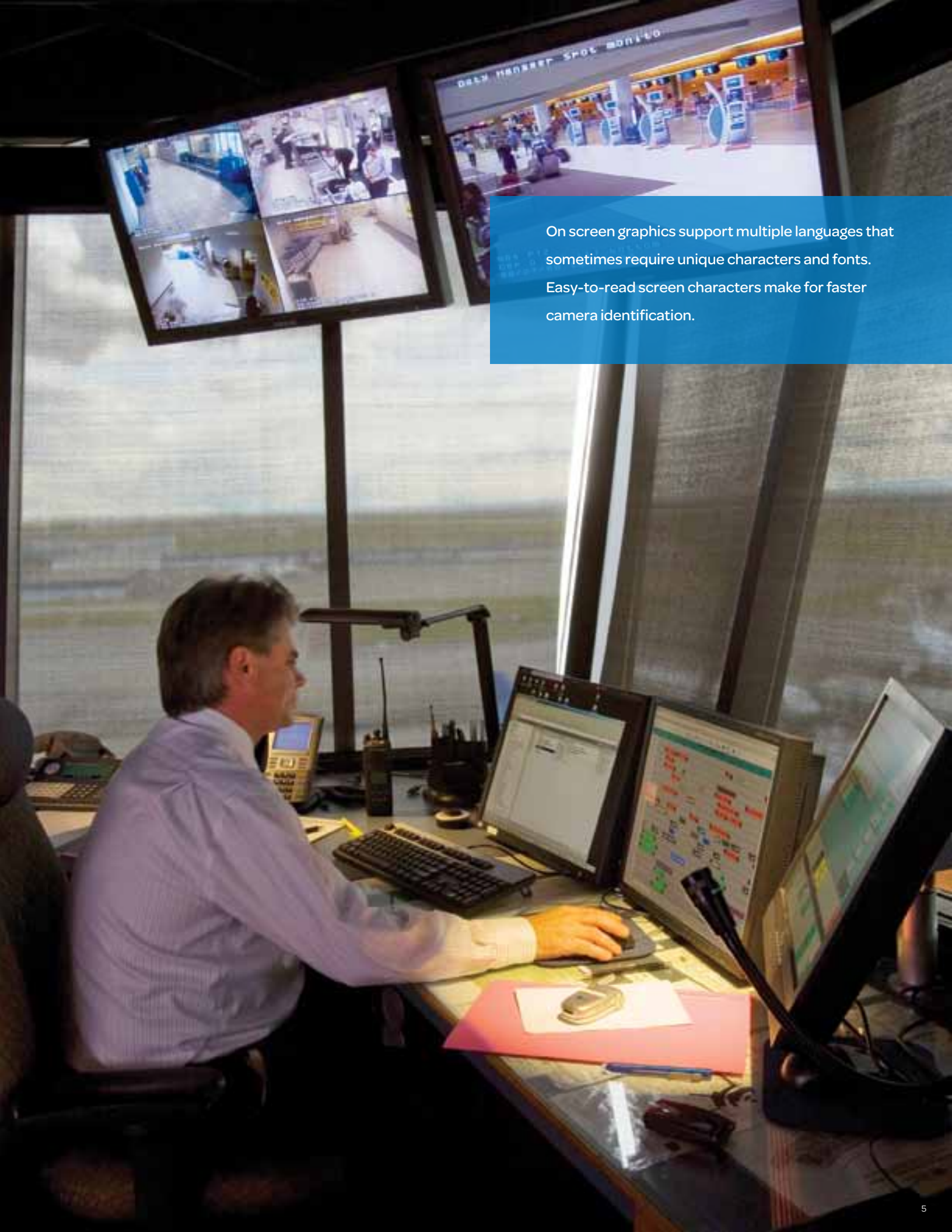
Flash Updates



Easy System Expansion

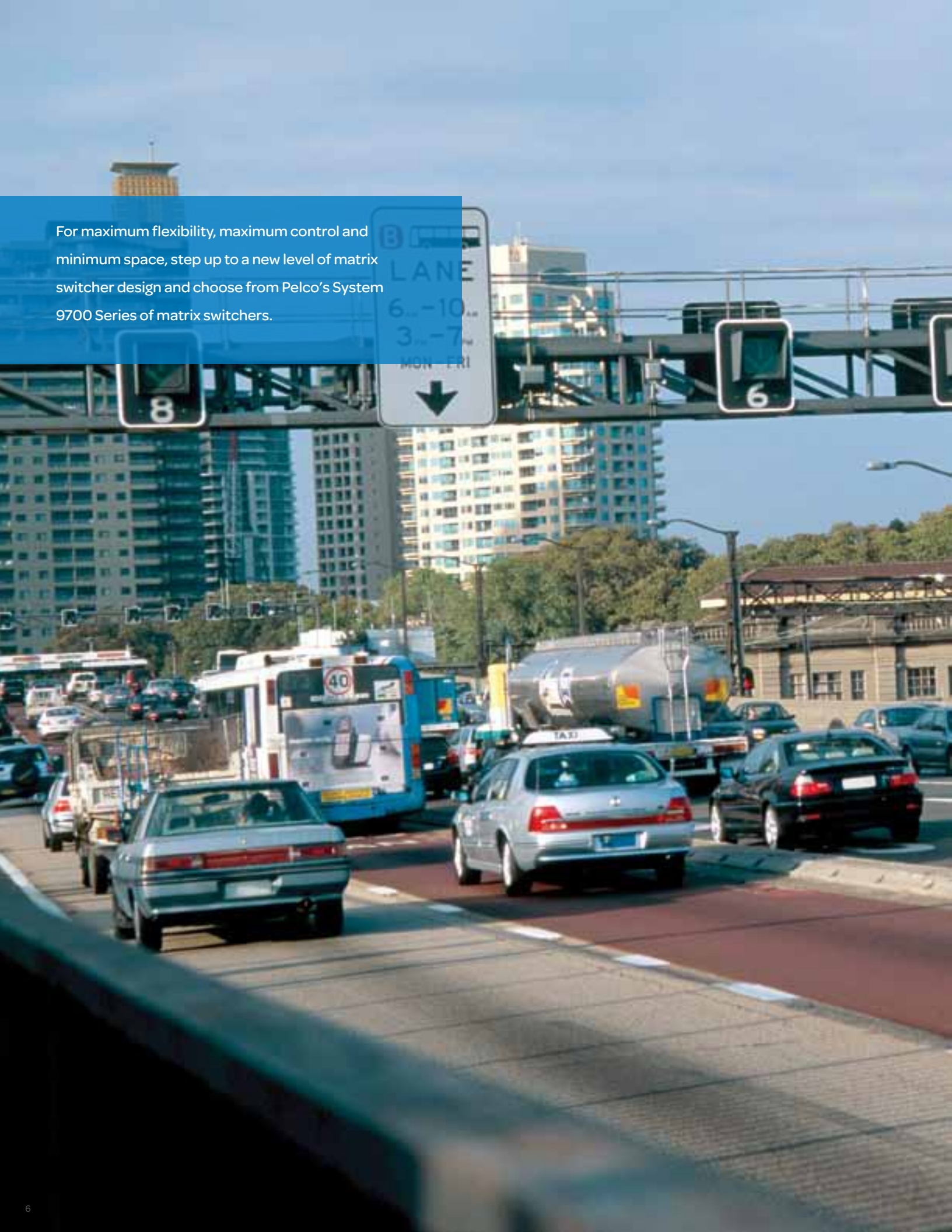


Powerful Management Software

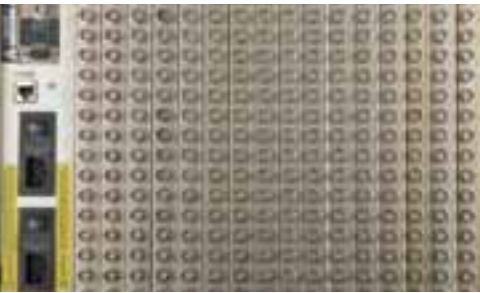


On screen graphics support multiple languages that sometimes require unique characters and fonts. Easy-to-read screen characters make for faster camera identification.

For maximum flexibility, maximum control and minimum space, step up to a new level of matrix switcher design and choose from Pelco's System 9700 Series of matrix switchers.



Additional Features



24/7 Technical Support. Whether it's an operation issue or help with a challenging macro, Pelco provides world class technical support 24/7 every day, year round. A knowledgeable and experienced technician is ready to receive your call and help you resolve the issue right now.

Onboard Diagnostics

Bright LEDs located on the front of the bay provide immediate confirmation of system status for each card in the bay. Additional information including internal bay temperature is available via on-screen menus. This makes the initial diagnosis of a problem easier and resolution faster than ever before.

Full Redundancy Options

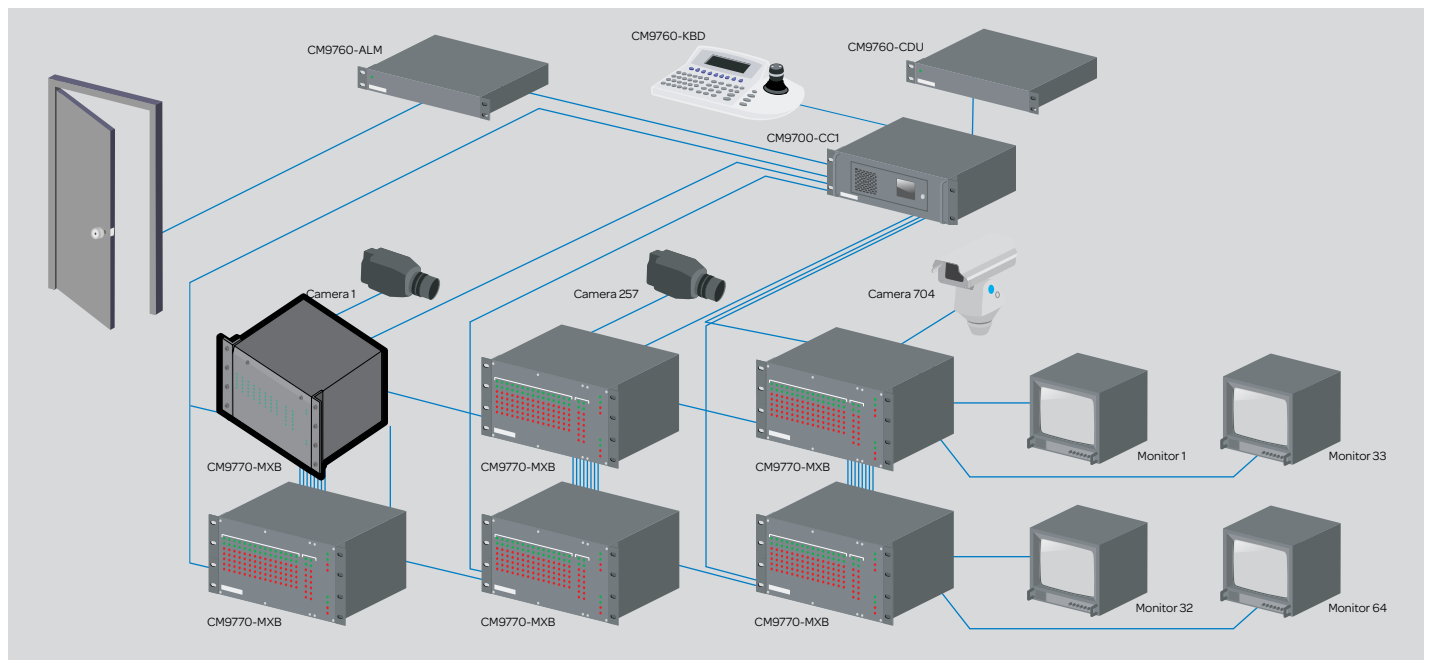
An optional Hot-Switch and back-up CPU ensure continued operation in the event of a primary CPU failure. Optional redundant power supplies are also available in each matrix-switching bay. An alarm notifies the operator of the failure but system operation is not interrupted.

Distributed Architecture

Advanced system design permits interconnectivity of up to 24 matrix nodes, either local or remote, via one bi-directional data channel and as few as a single video channel. Easier remote access and control is available with a greatly reduced cabling scheme.

Automated Firmware Management

The bays primary module automatically updates any new input or output modules ensuring that all bay components are optimized with the same firmware.





by **Schneider** Electric

The recognized worldwide leader in video and security systems, Pelco boasts the most comprehensive array of products, services and expertise available in today's marketplace. And now as a member of the Schneider Electric family, Pelco brings a network of assets backed by the strength of a Fortune 500 company to help you define and achieve your business objectives.

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