

# **KERISYSTEMS** INCORPORATED

*Integrated Security ... Exceptional Service*

**Access Control**

**Telephone Entry**

**Photo Badging**

**Integrated Video**

**Wireless and IP Locks**

**RF Transmitter /  
Vehicle Access**



[www.kerisys.com](http://www.kerisys.com)



## ABOUT KERI –

### WHO WE ARE

Since 1990, Keri Systems has been an industry leader in the design of stand-alone and PC-based access control systems. From the beginning, the *Keri* name has been synonymous with quality, integrity, support and practicality. This commitment to excellence, along with a steadfast dedication to our resellers and end-users, has earned Keri top honors among those who install and use our products. Our offerings have evolved and grown to encompass access control, from simple applications to large scale integration, with telephone entry, video, photo badging, vehicle access, and Ethernet environments.



### WHY KERI SYSTEMS

Why Keri Systems? Because Keri puts the business relationship first. For instance, Keri's warranties are among the best in the industry. Controllers carry a two-year "no questions asked" warranty, and proximity readers carry a lifetime warranty. We care about our customers. Keri implements standardized training techniques, along with monitored on-hold times, resulting in a superior technical support organization. Matched teams of Inside Sales Professionals, Regional Sales Managers, and Manufacturers' Representatives work together to create an environment of excellent customer support, both before and after the sale.

### PRACTICAL SOLUTIONS FOR BOTH DEALERS AND END-USERS

Dealers will appreciate the flexibility of two distinct product lines which will accommodate the most diverse and demanding project criteria. When needed, Keri's tech-support team will treat your issue with the importance it deserves.

Keri's well-earned reputation and industry leading warranties give your system more value and enhance your ability to support your installations. Furthermore, advanced replacement programs help ensure there is no down-time with your systems.

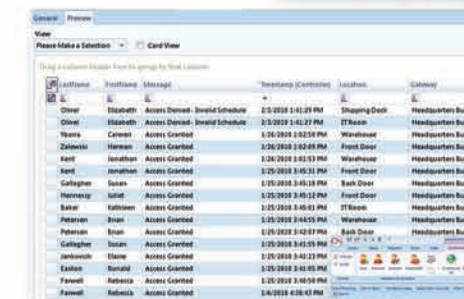
End users, why not consider a seamless integration between your access control and telephone entry systems; All managed under one interface by our **Doors.NET™** software. Or, maybe your requirements call for a TCP/IP based access control system, residing directly on your corporate network. Keri's **NXT™** product family, including **Doors.NET**, is an ideal solution that will not over-tax your network. Adding **Reflections™** integrated video allows you to monitor your facility live and easily search recorded video should an event occur that needs review.

## DOORS.NET™ Software

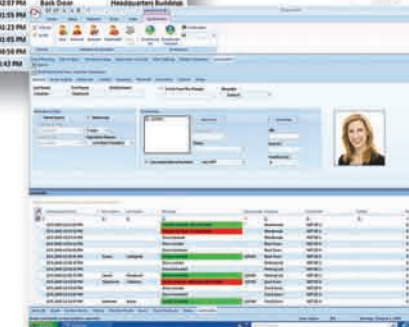
MODERN .NET AND SQL-BASED SOFTWARE TO MANAGE SYSTEMS FROM A SINGLE DOOR TO THOUSANDS

**Doors.NET™** by Keri Systems, begins with sophisticated Microsoft .NET and SQL-based software, operating in a true Client/Server environment, accomplished without the imposition of third-party client licenses fees. Whether your application calls for dozens of operators or thousands of doors, Keri's Doors.NET is the answer.

Doors.NET supports our NXT two and four door controllers, as well as PXL-500, Entraguard telephone entry, and authentic Mercury hardware. NXT controllers connect seamlessly to an existing network or you may decide to create a new network utilizing simple CAT-5/6 cable. Once connected, an intuitive, one-button auto-configuration process via embedded MAC address facilitates system set-up.



An extremely intuitive user interface guides you effortlessly through Doors.NET software, making for a powerful system that is simple to program and use.



### SOFTWARE APPLICATION TO MANAGE KERI'S TCP/IP-BASED NXT HARDWARE, RS-485-BASED PXL-500 HARDWARE, AND ADDITIONAL 3RD PARTY PLATFORMS

- Native Microsoft .NET application provides speed and security, and scales from small to large systems
- Client/Server Architecture provides Multiple Concurrent Operators across Multiple Sites
- Uses Stored Procedures for fast and reliable database communication
- Built-in Digital Video Recording and live Viewing
- Integrated Photo Badging, plus Alarm Monitoring and Prioritization, Emergency Lockdown, Email and SMS Messaging, and a host of other features
- Many right-click menus for fast and easy command and control
- Built in Report Generator, plus "Reports On The Fly"
- Automatic Database Backup

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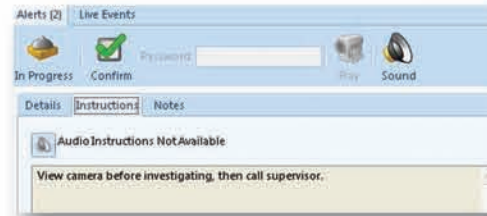
## DOORS.NET™ Software

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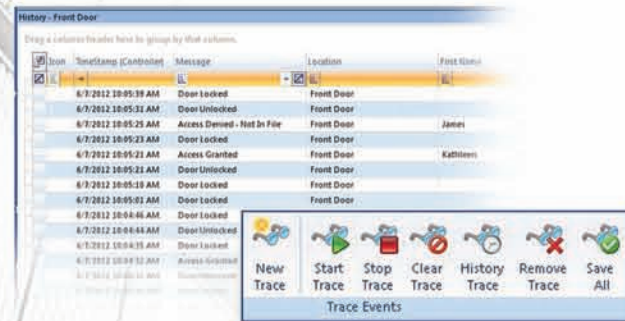
...USEFUL FEATURES THAT WILL HELP YOU BETTER MANAGE YOUR SECURITY

### ALERTS AND ALARM PRIORITIZATION

- Alerts operator to important events within a facility
- Uses door contacts, auxiliary inputs, and software events as triggers
- Operator choice of responses include: acknowledgment, suspension, clearance and/or annotation
- Audible annunciation via assigned .wav sound files
- View associated video immediately using Keri's Reflections client

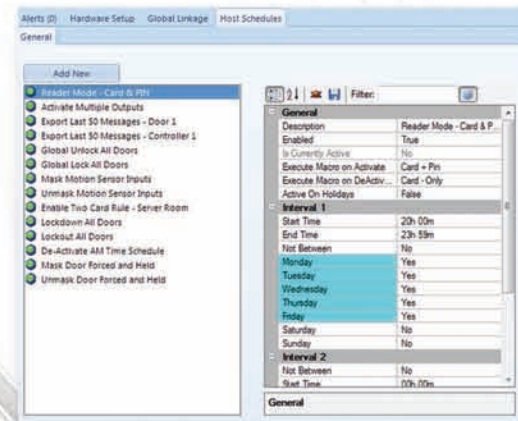


Icon	Status	Event Type	Priority	Timestamp (Server)	Device Type	Location	Message
	New Alert	Alarm	1	6/7/2012 2:15:24 PM	Intrusion	Lobby Glass Break	Monitor Point...
	In Progress	Alarm	1	6/7/2012 1:46:41 PM	Intrusion	Lobby Glass Break	Monitor Point...



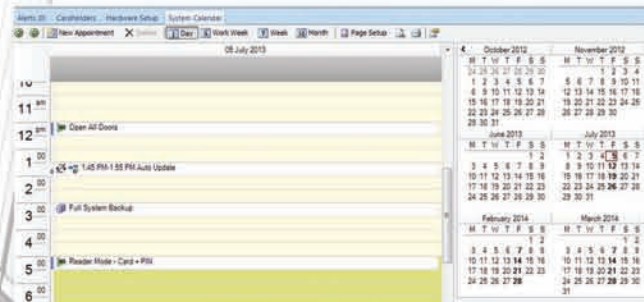
### REPORTS ON THE FLY

- Reports and video clips on people, doors and other parameters
- Easily accessed information in various menus and via right-click
- Reports may be formatted as PDF's or Excel files
- Run a *trace* to view recent history, follow any activity as it occurs, or people as they move around



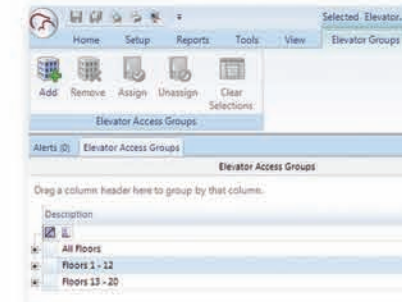
### SYSTEM CALENDAR

- Scheduling tools allow automatic execution of procedures, actions and/or functions



### BADGING

- Doors.NET badging option allows for the design and printing of custom photo IDs on proximity credentials or other forms of plastic

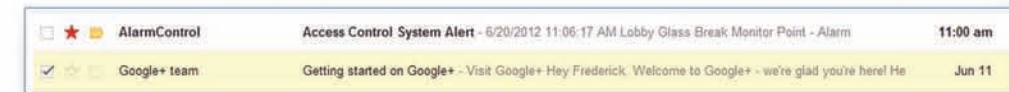


### ELEVATOR CONTROL

- Manages accessibility to pre-determined floors

### SMS AND EMAIL MESSAGING

- Notification of critical events via email or SMS message (text)



### SITUATION MANAGER

- Instant lockdown via mouse click, panic button, or reader/keypad
- Advanced Situation Manager can be customized to automatically switch system behavior to predefined parameters

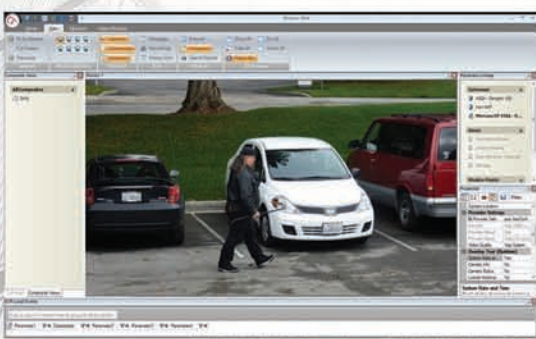
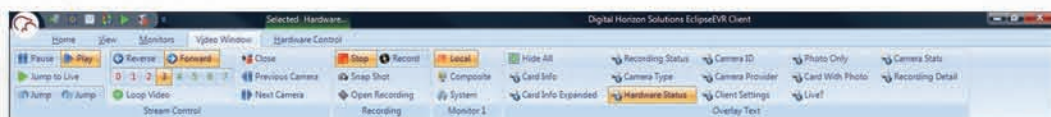
Global Lock Type	Lock
Precedence	Lock
Hardware Control	Lockout (No Access, REX enabled)
Global Reset Type	Lockdown (No Access, REX disabled)

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## REFLECTIONS™ Powerful Integrated Digital Video



### EVENT VIDEO RECORDER (EVR)



#### OPERATOR COMMAND: SNAP

**RECORD ON EVENT** - Define what is to be recorded and when, whether triggered by access hardware or camera inputs.

**LOCAL PLAYBACK** - Associated video clips can be played from access control event history.

**HOME DVR** - Pause, fast-forward and rewind live video, just like your home DVR.

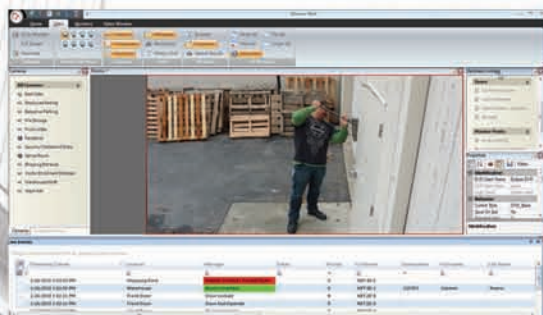
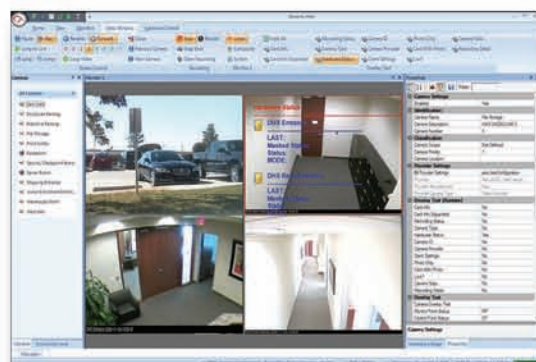
**EMAIL/SMS NOTIFICATION** - Receive messages when pre-defined events are available for viewing.

#### MULTI CAMERA VIEW/CONTROL

**OVERLAYS** - Text information about the time/date, camera, device, event and cardholder photo can be superimposed on the screen.

**VIDEO COMPOSITE** - Up to a 5 x 5 composite can be used for viewing live video.

**OBSERVATION VIDEO** - Operators can initiate a recording any time they see something suspicious. They can also take snapshot photos, flag and categorize observation video for later query, and monitor cardholder photo pop-ups.



#### VIDEO EVENT ALERT

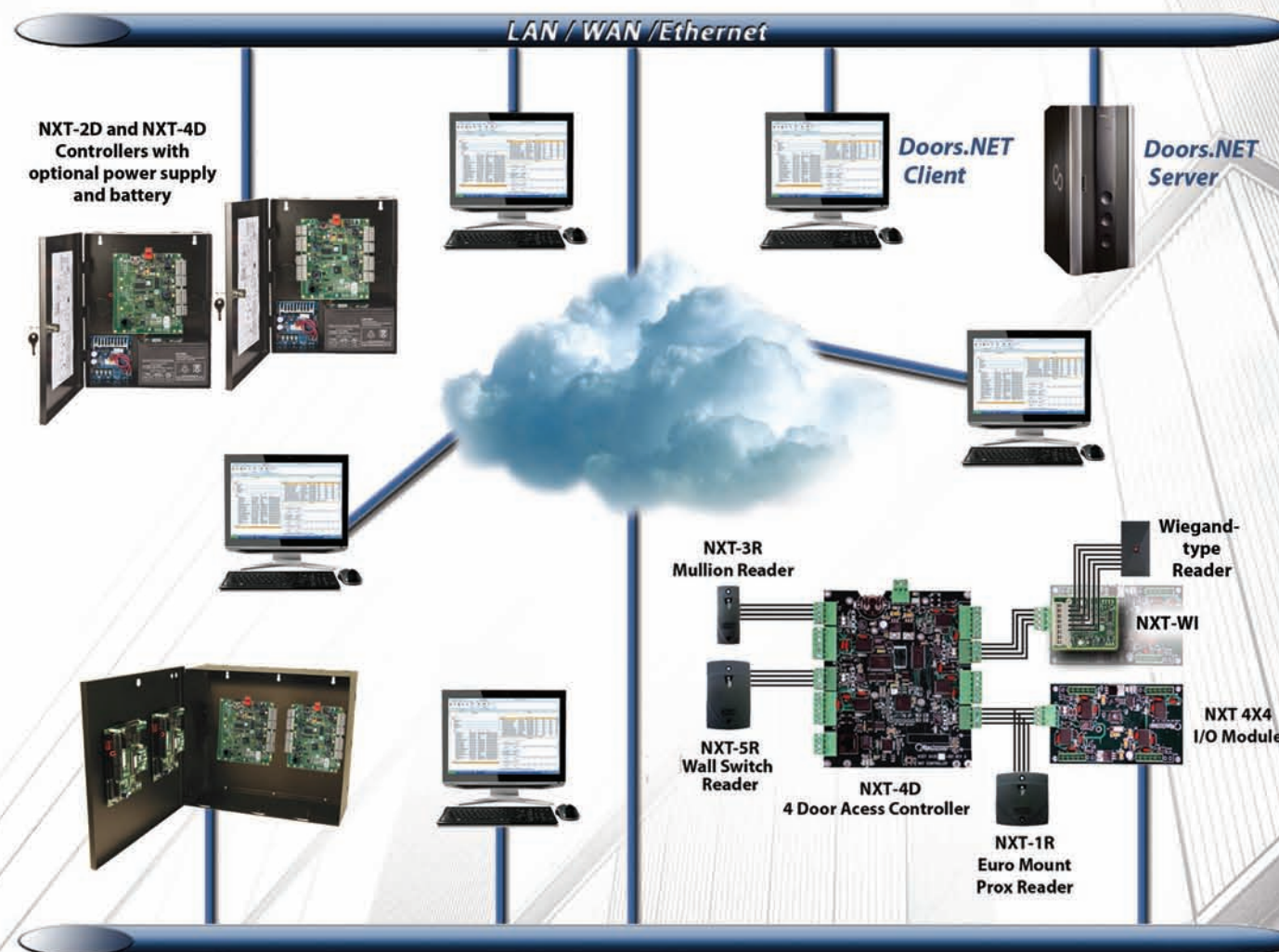
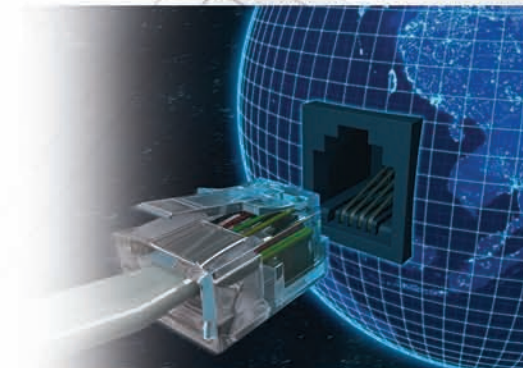
**HARDWARE LINKAGE** - Drag and drop access control hardware objects onto the Reflections Client for right-click manual operation from the video screens.

**MULTIPLE MONITORS** - Spread live or recorded viewing over as many as four monitors.

**CAMERA COMMAND AND CONTROL** - Includes PTZ control for several popular DVR/NVR brands.

### MODERN, IT-FRIENDLY SYSTEM ARCHITECTURE

- TCP/IP-based NXT controllers hang right on the network
- Software designed natively in .NET
- Utilizes Microsoft SQL database
- Secure Client/Server architecture
- Very low bandwidth requirements
- Supports Microsoft Active Directory interface
- Almost never any Microsoft SQL Client license fees required
- Also supports PXL hardware family, as well as Entraguard telephone entry
- Automatic Database Backup





## NXT™ CONTROLLERS *And Product Family*



- Sophisticated embedded Ethernet-based access controllers (no LAN adapters) that hang right on the network
- 2 and 4 door versions
- Utilizes existing networks or dedicated CAT-5/6 cabling
- "Flash" programmable and re-programmable for easy upgrades
- Available I/O expansion boards, with powerful logical functions in Doors.NET software (see system option on page 11)
- Supports 1 button auto-configuration process with embedded MAC address
- NXT-4-wire readers are fully supervised with encrypted data between cards/readers
- Up to 48,000 card capacity
- Two-year "no questions asked" warranty

### MERCURY POWERED NXT OPTION



- Provides higher end features than standard NXT firmware
- Doubles reader capacity to 4 and 8 readers when in/out reading is required (with NXT readers only)
- Allows connection to Assa Abloy and Allegion wireless and IP locks



### NXT SERIES RS-485 READERS

Keri's NXT Series readers communicate with NXT controllers via RS-485 to provide superior performance – better read range, reader supervision by the controller, and significantly longer cable runs. No duplicated card numbers. Lifetime warranty.



**Now with the ability to read HID 125 KHz credentials!**

- NXT-1R Euro-Mount Proximity Reader
- NXT-3R Mullion (door frame) Proximity Reader
- NXT-5R Wall Switch Proximity Reader
- NXT-6RK Reader and Keypad

## PXL-500 TIGER™ CONTROLLER *And Product Family*



The PXL-500 Tiger Controller has all of the functionality needed to manage a single door, alarm output, and 2 reader ports. A second door and auxiliary I/O can be added via an SB-593 Satellite Expansion Board.

- 65,000 cardholder capacity with 3600 event buffer
- Serial, Modem, or TCP/IP Communication from PC to controller network
- RS-485 networking between controllers
- Simple one-button configuration with numeric LED addressing
- A full set of status LED's for simple diagnostics
- Available in Keri Proximity Format or 26-bit Wiegand
- Network panels for up to 256 doors and up to 256 sites
- Unconditional two-year warranty on PXL-500 and SB-593

### MS SERIES PROXIMITY READERS

- Compatible with PXL-500P Tiger Controller
- Lifetime warranty
- No duplicated card numbers
- Tri-color LED and piezo tone confirmation
- MS-3000 Mullion (door frame)
- MS-5000 Single Gang (wall switch)
- MS-7000 Extended Range
- MS-4000 Vandal Resistant



\* For compatibility with Wiegand-output readers, use NXT-WI Wiegand Interface Module. For MS Series Reader compatibility with NXT controllers, use NXT-RM3 Reader Interface Module.



# ENTRAGUARD™

Integrated Telephone Entry & Access Control

## INTELLIGENT SECURITY SOLUTIONS...

As a property manager, you know what you want... to manage your security systems with as few interfaces as necessary. As a dealer you need to provide intelligent solutions to meet these requirements. Keri provides the best marriage of telephone entry and real access control in the industry.

Keri Systems effectively combines two complimentary security applications into one sophisticated, yet highly intuitive system. Keri Systems Entraguard elevates traditional telephone entry into the world of true access control, while maintaining a strong product offering for stand-alone applications. Keri Systems brings to telephone entry features like Auto-Configuration, Do Not Disturb, Timezones, Online Monitoring and Point & Click Remote Door Control.

Now, residential and office buildings, as well as gated communities can enjoy the features of sophisticated access control and telephone entry, all managed by our Doors.NET software. Entraguard offers the latest in design, installation flexibility and convenience of use, including large directory displays and larger buttons on a bright, LED illuminated keypad, requiring no bulb replacement.



### THE ENTRAGUARD PLATINUM™ AND THE ENTRAGUARD SILVER™

- The **Platinum** has the largest capacity and biggest display Keri offers. With 5000 tenant capacity there is more than enough to handle any large project. Two large font sizes are offered; 3/8" for 10-name display and 1/2" for 7-name display, adjustable on demand by the visitor.
- The **Silver**, with its extra large 4-line display and 750 tenant capacity, shares the same platform and footprint as the Platinum and is priced well below other competitive, large capacity systems on the market.
- Both units are designed for durability and weather resistance with tough, 14-gauge stainless steel enclosures, dual mylar speakers and double locks.
- Flush mount kit, hood, camera, handset and No-Phone-Line are available as options.
- The Platinum and Silver can also be fitted with a PXL-500 Tiger controller and SB-593 expansion board to provide 1 or 2 door card access capability within the units themselves.

### KERI'S EGS-WUPP™ A PRE-CONFIGURED, WALK-UP TE PACKAGE FOR COMMON APPLICATIONS

- Full-sized footprint and a large 4-line LCD
- Designed for quick tenant access via card read, while providing keypad-calling option for visitors
- Simplified, preconfigured installation scheme
- Programming options include direct-connect, modem or TCP/IP
- Power supply, communications and door strike are the only required connections, once mounted



Keri's **Silver Walk-Up Unit (EGS-WUPP)** is a packaged solution to the most common Telephone Entry requirement; namely the main entrance to a multi-tenant building.

### THE ENTRAGUARD TITANIUM™



The **Titanium** represents real value by providing 250 tenant capacity and a 4-line LCD display in a small attractive package, at a very affordable price.

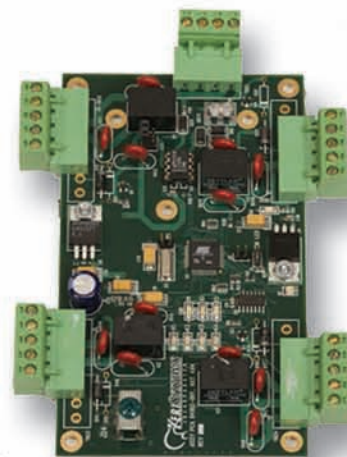
- Reduced footprint allows the **Titanium** to be mounted almost anywhere
- Rugged stainless steel enclosure with built-in hood is able to withstand the toughest environments
- Each Titanium can be programmed with three rotating messages
- Like its sister units, the Titanium provides the best telephone entry/access control marriage available by letting the Entraguard function as a node on an access control network and putting both functions under the acclaimed Doors.NET software umbrella
- Enjoy full access control functionality, reporting schemes and administration tools with a small, affordable and attractive unit



## NXT™ I/O EXPANSION BOARDS

### NXT 4X4™

- 4 auxiliary Inputs and 4 auxiliary Outputs per module
- Up to 4 modules (16 Inputs and Outputs) can be added per NXT-4D Controller, up to 2 modules (8 Inputs and 8 Outputs per NXT-2D Controller)
- Re-assignable, Interchangeable with controller's door I/O
- 4-State Supervision on Inputs
- Can be used for Door Forced and Door Held Open Alarms as well as Auxiliary REX Inputs, Latch Integrity, Bond Sensor, or other general purpose functions
- Status Indicator LEDs for power, communication, and relay position
- Quick Disconnect Connectors
- Locking Metal Enclosure (optional without)
- Can reduce wiring by providing capability to move door management functions to the door location



### GIOX™

- Expands Auxiliary Input and Output capability for NXT controllers
- Up to 64 Inputs/Outputs (in banks of 8) per NXT Controller Bus
- Up to two GIOX units on an NXT-2D and up to four units on an NXT-4D
- Re-assignable/interchangeable with Controller's door I/O



- 4-State Supervision on Inputs
- Tamper and Emergency Inputs
- Status Indicators for power, communication, and relay position
- Quick disconnect connectors
- Popular uses include elevator control for tall buildings and applications with intensive input/output linking requirements for special functions

## SYSTEM OPTIONS & ACCESSORIES

### ACCESS CARDS AND CREDENTIALS



- NXT-K: Key-fob in Keri NXT Format
- PKT-10X: Key-fob in Keri MS Format
- PSK-3: Key-fob in 26-bit Wiegand Format\*



- NXT-C: Standard card in Keri NXT Format
- KC-10X: Standard card in Keri MS Format
- PSC-1: Standard card in 26-bit Wiegand Format\*



- NXT-(I or S): PVC Imageable card in Keri NXT Format
  - MT-10X (P or M): PVC Imageable card in Keri MS Format
  - PSM-2 (P or S): PVC Imageable card in 26-bit Wiegand Format\*
- Card number suffix denotes whether card has mag stripe.*

\* Wiegand format credentials can be ordered either in Farpointe Data Pyramid format or in HID format.

### AP-10X ADHESIVE PROXIMITY DEVICE



Keri's AP-10X Adhesive Proximity Device turns your familiar personal items into proximity credentials.



### KERI KEY™

#### RF Transmitter/Vehicle Access

A perfect complement to both PXL-500 and Keri's Entraguard line of Telephone Entry products, is our KeriKey line of MS-1400 receiver and TM Series of two and four button Keri transmitters. These units provide up to 300 feet (90m) of adjustable read range and the option of using two distinct channels for the selective operation of two gates. Powerful anti-cloning security features ensure reliable results in gated communities and overhead door applications. Matching Keri Proximity Insert available as an option for door access.



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# SYSTEM OPTIONS & ACCESSORIES

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## POWER SUPPLIES

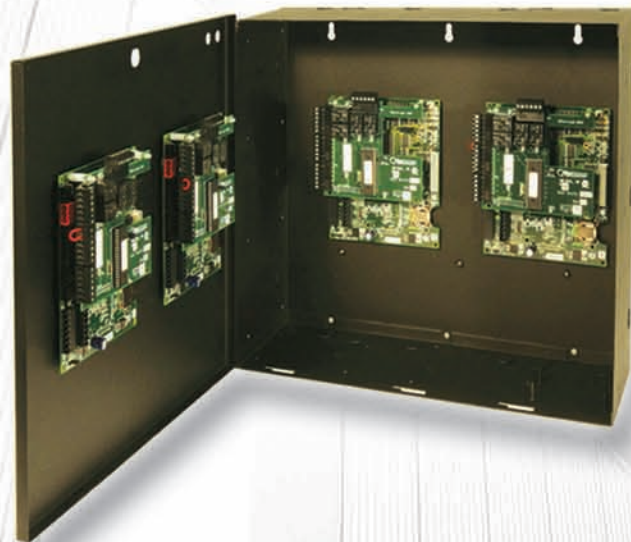
Keri offers several power supplies perfectly matched to the NXT, PXL, and Entraguard hardware products. Other options are available for regions outside of North America.



**KPS-4-1**  
**+12VDC@2A**  
 (KPS-5-1 with enclosure)  
 Powers up to 4 doors of either PXL or NXT hardware.



**KPS-11**  
**+12VDC@10A**  
 Especially useful for IT rooms and other applications with centrally located controllers.



## ENCLOSURES

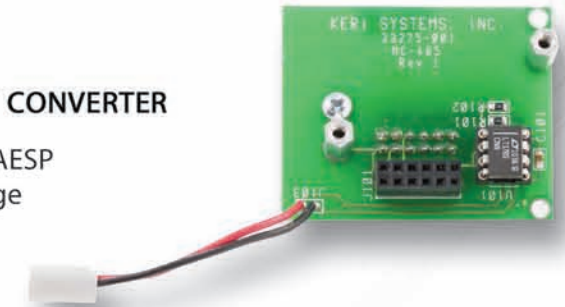
**KE-8**  
 Keri's KE-8 enclosure facilitates the mounting of four PXL-500's with SB-593 option boards or four NXT controllers in a convenient, secure metal enclosure (wall or IT rack-mountable). Projects with high controller counts can be neatly organized, utilizing minimal wall space.

**SW-SCM SERIAL COMMUNICATIONS MODULE**  
 Connects PXL-500 Master Controller to PC's USB port



**LAN-520-AESP LAN-PORT**  
 For connecting PXL-500 Master Controller to host computer via TCP/IP (shown mounted with NC-485X)

**NC-485 RS-485 TO ETHERNET CONVERTER**  
 Pairs with and mounts on LAN-520-AESP to use Ethernet connectivity to bridge PXL-500 RS-485 network



**PHOTO BADGING PRINTERS**  
 Keri offers a full line of Magicard badge printers and accessories. Combined with Doors.NET's Badging software option, you can create custom photo IDs with graphics for your proximity cards. The Badging software also supports most other popular brands of badge printers.





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## **KERI SYSTEMS – YOUR PREMIUM BUSINESS PARTNER**

Although Keri Systems is known as a quality provider of reliable and powerful systems that are easy to install and operate, we are more than just a product provider. From pre-sale education and product specification to post sale training, Keri sets the standard for customer service and support. With more than twenty-five years of steady growth in the access control marketplace, Keri is dedicated to supporting profitable, long-standing relationships with our dealers. We recognize that when they succeed, Keri succeeds. Many of Keri's employees have been with our company over a decade, and are long-time veterans of the industry.

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*Contact us, or one of our business partners to find out how to put Keri to work for you.*

