Doors.NET™ Access Control Software
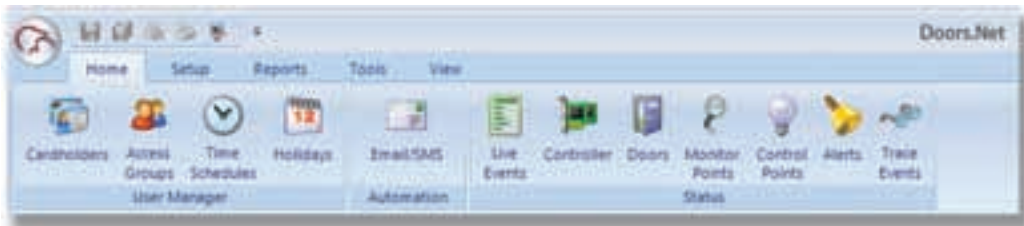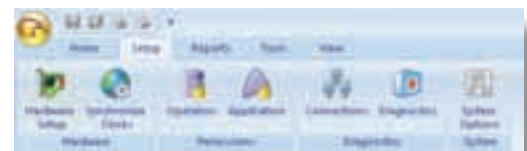
Doors.NET

- Software Application to manage Keri's NXT TCP/IP-based, RS-485-based PXL-500 hardware platforms, 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
- Microsoft **SQL** Database uses Stored Procedures for fast and reliable operation
- Built-in Digital Video Recording and live Viewing
- Integrated Photo Badging, plus Alarm Monitoring and Prioritization, Emergency Lockdown, and a host of other features
- Automatic 1-button configuration, or Manual Configuration of hardware
- Many right-click menus for fast and easy command and control
- Built-in, flexible reports, plus "Reports on the Fly"
- Import Utility to bring in cardholder data from other systems

Doors.NET is Keri's access control and security managementsoftware application to manage both the TCP/IP-based NXT hardware and the RS-485 networked PXL-500 hardware as well as 3rd party hardware platforms such as Mercury, ASSA Abloy, Schlage. It is a modern platform designed natively in Microsoft **.NET**® framework and utilizes Microsoft's **SQL** database for fast, secure, and easy-to-use programming and operation. Multiple concurrent Client connections allow for operators to be connected from anywhere, anytime, and to any part of the system, depending upon log-in privileges.

Doors.NET Standard Edition has all the tools to allow customers to configure and manage access rights for 256 readers (base capacity), manually control their system, monitor and respond to system activity (including critical alerts), and run historical reports plus a whole lot more. Doors.NET Professional has even more features and manages systems of 512 readers. Greater reader capacities are available for both versions. Several optional modules provide enhanced functionality should customers require it. Both versions include Reflections Express, the integrated video component that supports ONVIF-compatible IP cameras, as well as several popular NVR systems when upgraded to Reflections Plus.

KERI SYSTEMS

Doors.NET will introduce your organization to a wealth of powerful features and benefits that protect your people and facility. This extensive suite of software tools will go a long way toward helping you manage your business safely and securely. A sample of these benefits include:

Immediate Return on Investment

•   Access + Video Integration gives a visual report of access control events. The latest HR estimates indicate that 20% of the workforce shows up late at least twice per week, resulting in lost productivity and employee morale problems for those who show up on time. Doors.NET can help you capture that lost productivity by providing video evidence of serial abusers and sufficient back up for termination or corrective action plans.

•   Multiple Access Groups (excluding PXL hardware) up to 32 per cardholder, cuts down on administrative time and simplifies system programming.

•   Multiple Credentials per cardholder allow a single report to be run on any individual, greatly reducing the time spent analyzing reports.

•   Fast updates of the controllers and event data downloads to the PC allow system operators to work more efficiently.

Doors.NET was designed natively in Microsoft's .NET® platform and utilizes its SQL database. That, combined with the use of Stored Procedures for database communication and Thin Client architecture that allows an unlimited number of operators to be connected from anywhere, makes for a secure, IT-friendly, and lightning-fast system. There are no annual maintenance fees for Doors.NET Standard Edition, and additional SQL seat licenses are not required.

NOTE: Some functions shown on pages 2 through 5 require Doors.NET Professional Edition or optional software modules.

Advanced Features That Provide Important Information

Doors.NET brings a host of powerful features that will give customers more flexibility and power than you thought possible.

Highlights of these powerful features include:

Video Integration provides power and convenience - Monitor live video, call up recorded video from the access control history reports or get a report directly from the video screen, right-click on video screens to control doors and outputs, and match cardholders at any reader on the system with their photos using live video or via the access history report and actual recorded video to verify time and proper identity.

Customized Monitoring Screens make it easy to see and control what's happening - Choose what events are displayed in which screens, in any color you choose. Handy right-click menus allow you to control the hardware directly from this screen and many others.
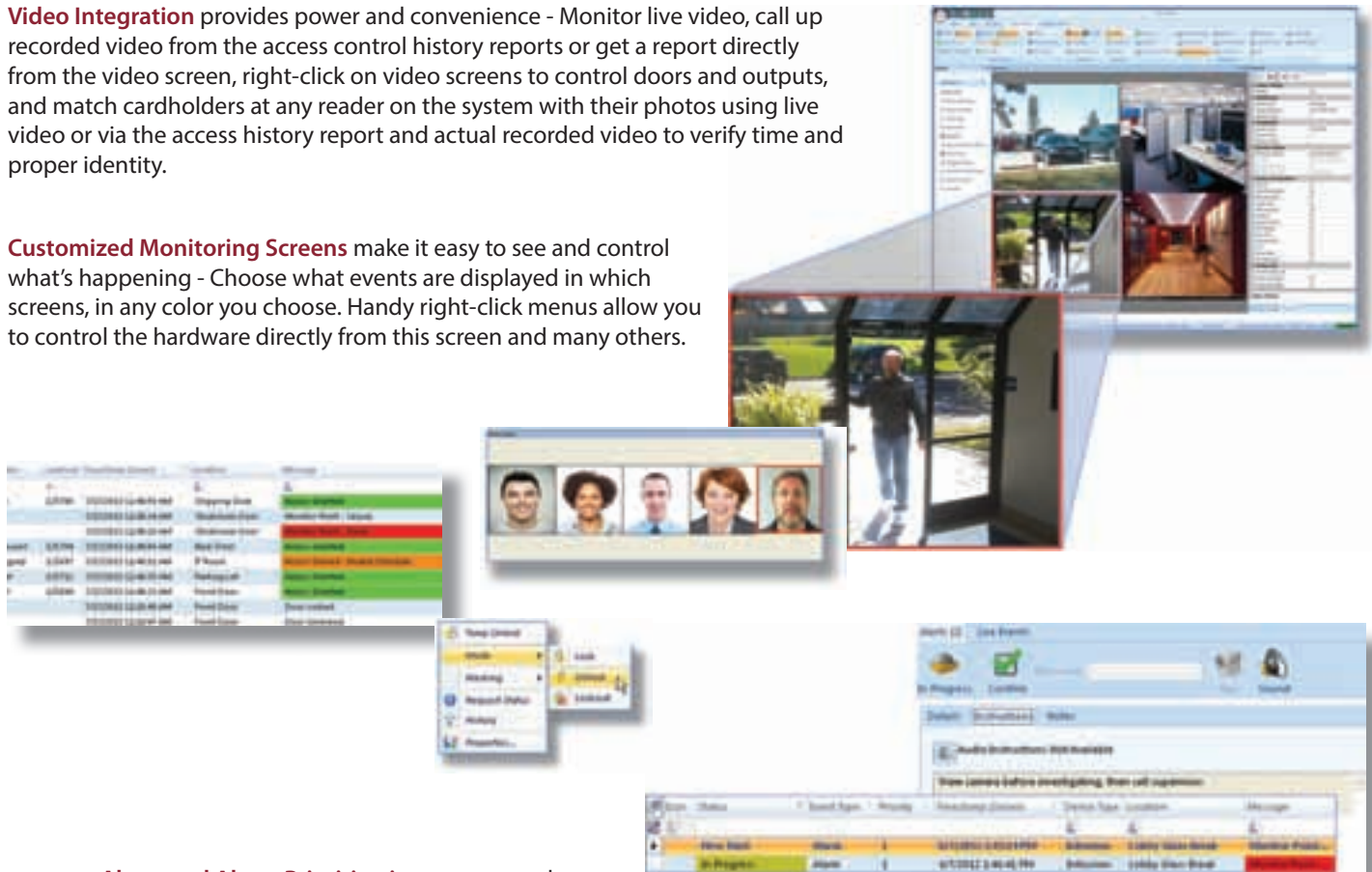
Alerts and Alarm Prioritization ensure you know about important happenings within your facility - Use door contacts and auxiliary inputs to bring critical alarm events to the operator's attention for appropriate response, including acknowledging, suspending, clearing, and even adding annotation. For audible annunciation, assign .wav sound files to distinguish between event types. View the video immediately using Keri's Reflections client.

SMS and Email Messaging - Be notified of critical events by email or by text message to your mobile phone in order to respond from wherever you are.

Reflections allows you to tie system events to recorded video for each search and review, plus watch live video. Additionally, it works with ONVIF-compatible IP cameras as well as several popular Network Video Recorders (NVRs), and has a number of unique features and advantages over traditional access and video integration technologies.

Flexible Operator Permissions give you precise control of your system - Define which operators have the ability to view, manage, command, or modify the system down to the controller and function level.
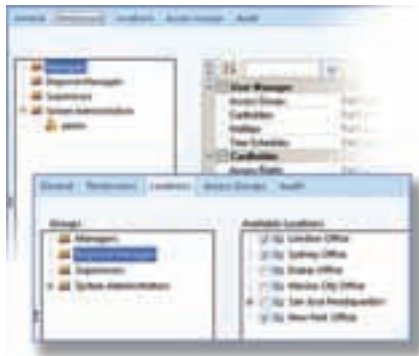

Screen Customization lets your operators perform their tasks more efficiently - Each operator can choose the layout, font, and color scheme they prefer, which windows/screens are open, as well as where they are positioned, and preferred language - all of which will be recalled the next time they log on. You can even place various commonly used screens on multiple monitors so they are always available.

Operator Usability takes the convenience of Doors32 one step further - In addition to the screen and layout customization for each operator, Doors.NET provides many sortable grids to help you organize your data for fast access, with intuitive right-click menus that speed you through the process of modifying and managing your system.
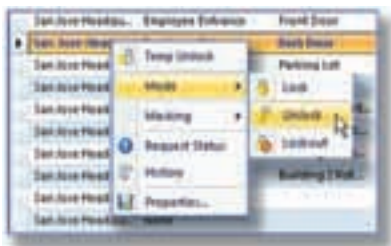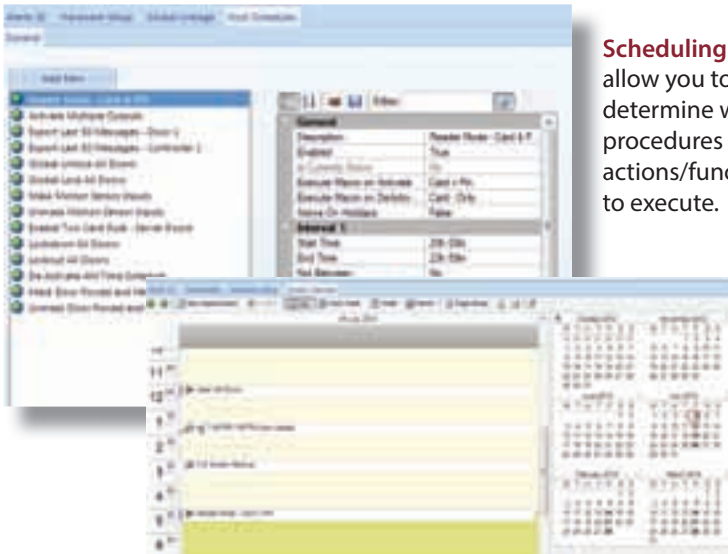

Reports "On the Fly" save time by providing information at your fingertips - Reports and video clips on people, doors, and other system parameters are easy to access in various menus as well as via right-clicks. Reports may be formatted as PDF or Excel files and emailed.
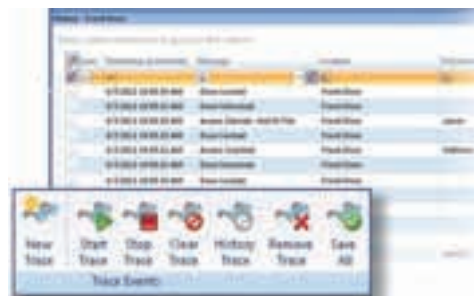
You can even run a Trace on these same parameters to follow particular activity as it happens.
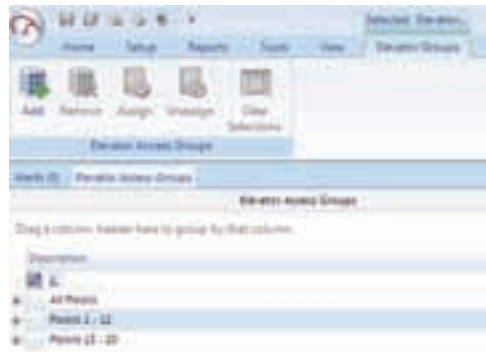
Scheduling tools allow you to determine when procedures or other actions/functions are to execute.

Elevator Control - Manage who has access to which floors with the Elevator Control module.

Linkages - Use the extensive linkage macro tools to customize the system to do nearly anything you want it to. Hardware inputs, software events, and schedules can be used as triggers to initiate procedures that you define.
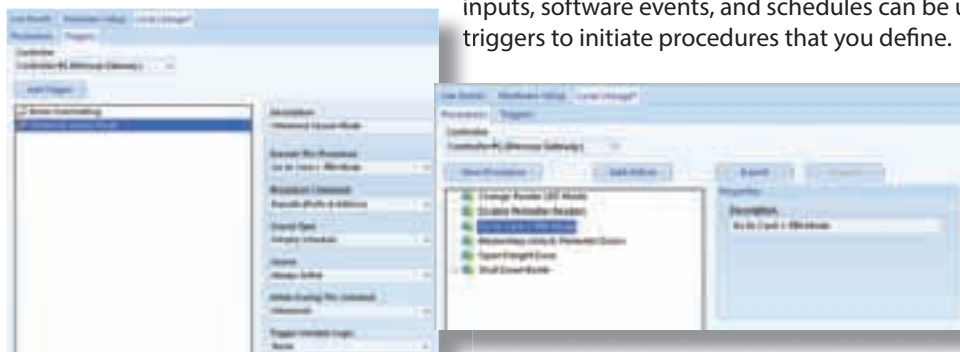
Situation Manager makes locking down your facility as easy as clicking the mouse, entering a PIN on a keypad, or any number of other ways. With **Advanced Situation Manager**, it can be further customized to instantly change the behavior of the system to predefined parameters based on threat level or other factors.

Badging - Doors.NET's Badging option allows customers to design and print custom photo IDs on proximity credentials or other forms of plastic

Recommended PC Baseline Specifications	Typical System <100 Doors	Performance System > 100 Doors / Reflections	Client and/or Gateway Only
Processor	i3, 2.3 GHz or better	i7, 2.6 GHz or better	dual core, 1.6 GHz or better
RAM	4 GB	8 GB	2 GB
Disc Capacity	1 TB	2 TB	500 GB
Network Adapter	10/100 Ethernet	10/100/1000 Ethernet	10/100 Ethernet
Video Adapter	XGA	dedicated adapter with >64 MB RAM	XGA

Supported Windows Operating Systems (32-bit and 64-bit):
Windows 7 Professional/Ultimate, Windows 8 Professional/Enterprise, Windows 10 Home/Professional, Windows Server 2003, 2008, 2008R2, 2012

Note: Doors.NET supports all versions of SQL 2005, 2008, 2012, 2014. It will use/install the standard version already supported by your existing operating system (this varies by operating system), or you can specify a professional version already installed on your system.

Software Feature Matrix (abridged) †	Standard Edition	Professional Edition
Included Reader Capacity (can purchase capacity up to 16,384)	256	512
Inputs and Outputs (each, can purchase additional I/O capacity)	1536 &1280	2048 & 2048
Clients (included / maximum)	1 / 256	1 / 256
Maximum # of Access Groups	unlimited	unlimited
Maximum # of Cardholders	up to 1,000,000	up to 1,000,000
International Language Capability	yes	yes
Operator Privilege and Partition Combinations	unlimited	unlimited
Time Schedules	255 w/12 intervals each	255 w/12 intervals each
Holiday Schedules / Holidays per Schedule	255 / 256	255 / 256
Access Groups / Access Groups per Cardholder	unlimited / 32	unlimited / 32
Multiple Access Groups per Cardholder	32 maximum	32 maximum
Elevator Control	yes, optional	yes, optional
Local APB	yes	yes
Global APB (requires Global Linkage option)	no	yes
Host Schedules (provides some scheduling capability)	no	yes
System Calendar (for sophisticated scheduling)	no	yes, optional
Auto Expiration of Credentials by Time/Date or Use Count	yes	yes
Number of User Definable Fields (Cardholders)	18	18
Advanced Roll Call/Muster (basic Roll Call is included in Standard and Professional)	no	yes, optional
Global Linkage Service (HW or SW driven event I/O linking)	no	yes, optional
Differentiated Event Message Routing (to Operators)	no	yes
Alarm Annunciation and Prioritization with Acknowledgement	yes	yes
SMS and Email Messaging	yes	yes
Sophisticated Event and Configuration Reports	yes	yes
Customizable Report Layouts and Formats (Report Client)	yes, optional	yes, optional
T/A Reporting Export Utility	no	yes, optional
Trace (live) and History (live and look back)	yes	yes
1-Click Global Lock, Lockdown, and Lockout	yes	yes
Advanced Situation Manager/Threat Level	no	yes, optional
Photo Badging	yes, optional	yes, optional
Integrated Video (Reflections Express is included in Standard and Professional)	yes, optional	yes, optional
Wireless and IP Lock Support	yes, optional	yes, optional
Interactive Graphic Maps	no	yes, optional
Visitor Management	yes, optional	yes, optional
TWIC Integration	no	yes, optional
Cardholder DB Import Utility	yes	yes
LDAP/Active Directory Integration	no	yes, optional
Support for Mercury Hardware	no	yes