

1.0 *Doors* Software Changes

Doors v4.71 is an extensive program release making many program corrections and improvements.

Doors improvements affecting all products:

1. Corrected the logic used when applying PINs to PXL and EntraGuard systems in Sites mode. The following list identifies how PINs are now applied:
 - At the PXL/EG Master controller, when you reset RAM, the controller resets its site PIN to zero. Any copy of Doors will be able to connect to the controller as long as the Master controller's site PIN is set to zero.
 - To change the PXL/EG Master controller's site PIN, the Doors operator must modify the site PIN in Doors, save it, and perform a Smart Update or a Total Update to that site's Master controller.
 - Once the PXL/EG Master controller's site PIN has been updated by Smart Update or Total Update, the controller will only allow Doors to connect if it supplies the correct site PIN.
 - Likewise, if a PXL/EG Master controller wants to initiate a connection to Doors to upload controller events to Doors, once a new site PIN is in effect, Doors will only accept connection requests from a Master controller that supplies the new value for site PIN.
2. Corrected an issue with Monitor Mode that prevented operation when Doors was installed in a language other than English.
3. Corrected the number of characters allowed in an Access Group name to allow 32 characters.
4. Corrected a name checking issue that could affect archived files. When creating an archive Doors did not verify if the file name entered had already been used, allowing an operator to accidentally overwrite an existing file. Doors now checks for existing files prior to writing, allowing the operator to change the file name.
5. Added information to the Setup > System > Controllers page to identify the version of the PIC on a controller as well as the version of the ROM.
6. Removed the non-functional "Department Group" report option from the Reports > Searchable Events > Power Search menu.
7. Corrected multiple issues in the Quick Reports menu set:
 - The Operator Actions report returned the same time/date stamp for all events.
 - Restored the I/O Link report.
 - Corrected a database connection issue for the Operator Actions report.
 - Corrected the database connection path for the "Department Groups by Dept:Summary" and "Department Groups All Depts:Summary" reports.
 - Renamed title row for "Department Groups" to "Attendance" to better classify the report types.

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8. Corrected an issue with the auto-configuration user interface that could crash the Doors program, disabling the AutoConfig button while an auto-configuration is being performed to prevent multiple configuration commands from being performed.
9. Corrected an issue where a Get Controller Status command could result in garbled information being displayed in the controller status table.
10. Corrected typographical errors in several Doors event messages.

Doors improvements that are PXL Controller specific:

1. Added recognition of PXL-500-G and LC controllers and SB-G Satellite Boards. These units are specifically configured for operation in Gate or Elevator Control applications.

Doors improvements that are EntraGuard specific:

1. Corrected the display and error checking of banner messages on EntraGuard units. In Doors, on the Setup System > Controllers tab, the operator can edit EntraGuard banner messages. Doors could crash if certain characters (typically from foreign language character sets) were entered or if character spacings that extended beyond the maximum number of characters allowed were entered.
2. Disabled the First Person In (FPI) feature for EntraGuard units. EntraGuard firmware has not fully implemented the FPI feature so the Doors program no longer allows this feature to be accessed for EntraGuard units.
3. Corrected an auto-configuration issue with EntraGuard master units. During auto-configuration with an EntraGuard Master controller, Doors displays a message explaining the Master controller does not have a card reader. This message is now displayed at a later time during AutoConfig so if the Doors operator is not present to close the message, it will not interfere with the auto-configuration process.
4. Corrected an issue with downloading blank name fields in EntraGuard units. If an operator downloaded a cardholder name without an entry in the last name field, without a phone number, or with the Display Name option set to OFF, selecting one of these records on an EntraGuard unit could crash the unit and Doors, requiring a reboot to recover both.
5. Standardized the message displayed on an EntraGuard screen when a Remote Unlock command is executed. The same message is now displayed regardless of communication path.

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6. Added the following EntraGuard event messages to Doors:
 - When a tenant presses 7 to disconnect a call, the EG unit displays "Resident Disconnect." Doors now posts the same event message.
 - If a caller presses an invalid directory number, the EG unit displays "Invalid Directory #." Doors now posts "Call to tenant denied; directory entry not found."
 - If a caller tries to place a call during a blocked call time, the EG unit displays "Invalid Call Time." Doors now posts "Call to tenant denied; calls not allowed at this time."
7. Added text to several EntraGuard screen messages for clarity.
8. Corrected an issue with EntraGuard Platinum units where the default banner messages could be corrupted by an auto-configuration command.
9. Implemented a capacity change in the EntraGuard product line: EG Titanium now has a maximum capacity of 250 users, EG Silver maintains its maximum capacity of 750 users, EG Platinum maintains its maximum capacity of 5,000 users.

Doors improvements that are EntraGuard updating specific:

1. Corrected an Update connection issue on EntraGuard units that could prevent events from being collected from EntraGuards. For both Smart Update and Total Update, if Doors is connecting to an EntraGuard Master controller via the EG internal modem, and Doors is sending updates and collecting events, before collecting events, Doors will now do a full disconnect and then reconnect to the EG Master. This fixes a modem connection-related bug where Doors was not able to collect events.
2. Corrected a Network Update / Event Collection issue when in sites mode. When Doors is connecting via modem to multiple sites, where each site has an EntraGuard Master controller, if there was a connection failure with any site, Doors would only try to connect to every other site.
3. Corrected an issue with Smart Update that in certain circumstances when an EntraGuard Titanium or Silver was the master unit, both the EG unit and Doors could hang requiring a reboot of both to recover.
4. Corrected a Smart Update issue with EntraGuard Platinum units that caused the EG unit to display incorrect user names in its directory. The messaging protocol between Doors and EntraGuard units has been corrected to direct Doors to send the correct "Update Complete" message depending upon the type of EG unit.

2.0 Known Issues

Doors specific:

1. The Doors Users Guide and online help file have not been updated to include configuration changes for the PXL-G/-LC and SB-G products. Please check the Keri web site for updated files in the near future.
2. The Doors online help file does not work on remote Doors clients operating over a network. This is because the online help file is not automatically created when the remote client is created. To allow online help access on remote Doors clients you must copy the Doors_Online_Help.chm file from the main server installation to the remote client installation.
3. Doors cannot be operated in direct connect mode in 64-bit operating systems (such as Vista 64). This is because there does not appear to be native RS-232 serial port operation in 64-bit operating systems.
4. When a door is auto-unlocked and then is manually locked by an operator, the reader LED should switch state to Red, but remains Green.
5. If Doors communication to a master controller via modem fails, Doors will automatically retry up to three times to reestablish communication. This is normal behavior for Doors in modem mode.

EntraGuard specific:

1. An EntraGuard cannot be the master controller in a network that uses KWX Keri Wireless units. This is because an EntraGuard unit cannot execute an auto-configuration command quickly enough to accommodate the transmit times of the KWX unit.
2. If an EntraGuard is readdressed from being a master unit to a slave unit, the unit must be memory cleared/RAM reset and then the unit must be power cycled. The memory clear/RAM reset handles the address reassignment. The power cycle disables the modem operation that the unit previously handled as a master unit.
3. Up to eight characters of the last name will be displayed if the first name, middle name, and last name fields are all used in an EntraGuard Titanium/Silver system. If only the last name is used, then up to twelve characters will be displayed.
4. The dialout enable feature for automatically sending events from a controller when the controller reaches a certain percentage of memory capacity is not enabled on an EntraGuard unit configured as a master controller.

3.0 Compatibility

You must use Doors v4.71 in conjunction with corresponding, new, controller firmware releases to take advantage of all the additions, improvements, and bug fixes. Please refer to the following, supported hardware/firmware table.

Table 1: Supported Hardware and Firmware

Product	Supported in Software	Firmware	PIC
PXL-500-1/510-1	Yes	v8.5.14 (new)	v2.11 (existing)
PXL-G/LC	Yes	v8.5.14 (new)	v2.11 (existing)
SB-593-1	Yes		v1.2 (new)
SB-G	Yes		v1.2 (new)
PXL-500/510 (obsolete product replaced by PXL-500-1)	Yes	v8.5.14 (new)	
SB-593 (obsolete product replaced by SB-593-1)	Yes		v1.2 (new)
PXL-250 (obsolete product replaced by PXL-500)	Yes	v6.3.20 (existing)	v1.10 (existing)
SB-293 (obsolete product replaced by SB-593)	Yes		v1.1 (existing)
EntraGuard Titanium	Yes	v7.6.05 (new)	v1.10 (existing)
EntraGuard Silver	Yes	v7.6.05 (new)	v1.10 (existing)
EntraGuard Platinum	Yes	v9.1.06 (new)	16 – v1.0.10 (existing operating PIC) 18 – 3.0.1 (existing graphics PIC)

NOTE: For all controllers, you can use downlevel firmware revisions, but new program additions, improvements, and bug fixes will not be available for use as these features are not implemented in the downlevel firmware releases.

Rules For Mixed Controller Type Networks (mixing PXL-500s, PXL-250s, and EntraGuards)

- To use the Alarm Control feature, a PXL-510 must be the master controller.
- To use the Temp Cards feature, a PXL-500 or PXL-510 must be the master controller.
- A PXL-500 or PXL-510 may be used as a slave controller on a network with a PXL-250 master controller, however features that require a PXL-500 or PXL-510 to be the master controller (e.g. Temp Users and Alarm Control) will not be available.
- A PXL-500 or PXL-510 may be used as a slave controller with any EntraGuard controller as the master controller.
- In a mixed network of PXL-250s and EntraGuard controllers, an EntraGuard controller must be the master controller. There is no such requirement in a mixed network of PXL-500s, PXL-510s, and EntraGuards.

4.0 The Keri CD-ROM Autorun Program

The Keri CD-ROM has an autorun program that opens a menu which allows you to easily locate all installation programs, and technical and marketing documentation stored on the Keri CD. Insert the CD into your computer.

- If your host computer's autorun feature is enabled, the autorun menu appears.
- If the autorun feature is not enabled, use Windows™ Explorer to browse the Keri CD. Locate and start the “autorun.exe” program to open the autorun menu.

5.0 Product Documentation

The Keri CD-ROM includes copies of technical and marketing documentation in Adobe Acrobat® PDF format. The autorun menu includes links to the major documentation sections of the Keri CD. All documentation is stored in Adobe's PDF format, and can be viewed using the Adobe Acrobat Reader program. The Adobe PDF format is a universal document display format that allows you to view and print copies of documents. You can obtain a copy free Adobe Acrobat Reader installation program from Adobe's web site.

NOTE: The documents on the Keri CD are the current revisions at the time of CD release. However, these documents are subject to change at any time. If necessary, please contact Tech Support at Keri Systems or view the Technical Documentation Downloads section of the Keri web page to verify the current revision of any document (www.kerisys.com/pages/download/techdocs.asp).

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Release Notes

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