EntraGuard Platinum Firmware v9.1.06
Release Notes

1.0   EntraGuard Platinum Firmware

This firmware release makes the following improvements:

1. Corrected issues with EntraGuard keypad lockouts during Smart or Full Updates. In certain cases, pressing a key during an update could crash the EG unit.

2. Corrected the message displayed when EntraGuard units were in a line busy state. In certain circumstances an incorrect "Connection Failed" message was displayed. This has been corrected to display "Line in use or no answer, please try again."

3. Changed the implementation for the display of an over or under voltage error condition on EntraGuard units. If an EG unit is in an over or under voltage condition the unit would display a voltage error message for 30 seconds, then attempt normal operation (though typically being in an inoperable condition). Now if an EG unit is in an over or under voltage condition, the voltage error message remains on screen until the error condition is corrected.

4. 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.

5. Removed the Signal Strength diagnostic test from EntraGuard firmware as it does not apply to EG units.

6. Improved the EntraGuard unit recovery time following a call hang-up. EG units have a call countdown timer to prevent excessive call times from affecting unit usage. When a call was hung up, the unit would continue to countdown, preventing a new call from being placed, instead of immediately resetting.

7. Corrected an issue when uploading a large capacity cardholder file to an EntraGuard unit that allowed the EG unit to attempt to begin operation before the entire file had been received and indexed. The EG unit now waits for the index complete message before beginning operation.

8. Corrected an issue when powering up EntraGuard units that could cause the unit's cardholder database to be corrupted. The order and timing of certain power up operations have been changed to prevent corruption.

9. Corrected an EntraGuard issue with units configured as slaves. Under certain circumstances, slave EG units would sense an incoming call and attempt to answer it, interfering with the proper operation of the EG master unit.

The PIC for dual-board Platinum units has also been updated to v16, making the following improvements:

1. Added AT commands that force the modem to poll the phone line before attempting to make a call, which ensures slave units do not interrupt the phone line when the line is in use. This ensures system updates are allowed to complete without interruption. If a slave unit determines the line is in use, it will display a Line In Use message on the unit LCD.
2. Added an AT command that sets the number of rings before answering on a slave unit to none (Do Not Answer) after each hang up. This is an additional step to ensure that only master units, and not slave units, answer incoming calls.

The PIC for single-board Platinum units has not been updated. Its revision remains at v11.

2.0   Known Issues
There are no known issues.

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
Dual-board Platinum	Yes	v9.1.06	U16 – v16 (new) U18 – 3.0.1 (existing)
Single-board Platinum	Yes	v9.1.06	U16 – v11 (existing) U18 – 3.0.1 (existing)

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

Rules For Mixed Controller Type Networks (mixing PXL-500s 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 with any EntraGuard controller as the master controller.

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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