

# Entraguard Platinum Firmware v9.1.09

## Release Notes

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### 1.0 Firmware Changes

This firmware release makes the following improvements:

1. Re prioritized the logic that writes Entraguard user records, name index records, and directory code index records into EEPROM memory from a low-priority task to a high-priority task. This speeds up the process of writing these records to EEPROM and frees the unit sooner to do other tasks.
2. Added update status messages to the Smart Update process. At the very end of Smart Update, when the Entraguard controller must sort and save the user records, status text messages are now displayed on the unit's LCD display to provide better feedback to an operator/user waiting for the Smart Update to complete. The new update status text messages are:
  - Sorting Codes
  - Sorting Names
  - Saving Database
  - Saved xxx Records (where xxx is the total records saved so far)
  - Database Saved
3. Reorganized the sorting of incoming Entraguard user records during a Update Network. Sorting of received user records will not begin until all updates from Doors32 have been received. The previous sorting process required frequent sorting by the firmware, resulting in slow Update Network performance times and erratic behavior by Doors32.
4. Corrected a bug with the Platinum master controller where cardholder updates with extended user records were not passed to slave controllers. That meant that cardholders using Temp Cards, Dual Verification, or Alarm Panel Control were not recognized by slave controllers.
5. Corrected the application of the Platinum Global Lock/Unlock feature. Global Unlock did not work correctly with Platinum units. Global Lock did not work with Platinum slave units. The complete Global Lock/Unlock feature now operates correctly with the Platinum product.
6. Corrected the application of Suspend/Restore operations associated with the AutoUnlock timezone and improved the processing logic that ensures the system returns to its secure state when the AutoUnlock timezone expires.
7. Added the auxiliary RTE sustained mode operation which commands a door to remain unlocked as long as the auxiliary RTE input is active.

*NOTE: Doors software v5.20 requires that **every** Entraguard unit in the access control network be upgraded to the new firmware revision. If you upgrade Doors to v5.20, you **must** upgrade the firmware in every unit.*

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### 2.0 Known Issues

There are no known issues.

### 3.0 Compatibility

You must use Doors v5.20 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	Firmware	PIC
Platinum PCB 04112-001	v9.1.09	U16 – v11 U18 – 3.0.1
Platinum PCB 04314-002	v9.1.09	U16 – v16 U18 – 3.0.1
Platinum PCB 04217-001	v9.1.09	U16 – v16 U18 – 3.0.1

*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.

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### 4.0 Contact Keri Systems:

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