

# NXT RIM Firmware v03.01.11

## Release Notes

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## 1.0 Reader Interface Module (RIM) Firmware Release

NXT RIM firmware v03.01.11 contains the following correction:

1. Under certain conditions, typically when “hot-swapping” readers or in unusually EMI noisy environments, the RIM’s Data0 and Data1 lines could be pulled into a both-lines-low state. This is illegal per the Wiegand specification, and because of this it was not properly managed by the firmware. Changes were made in the firmware to recognize this state and prevent this condition from being processed.

## 2.0 Known Issues

In MS mode, noise on the communication line has been seen that can create a “ghost read” that appears in the event log as an Unknown Card in NetXtreme applications or as Not In File for Doors.Net applications.

## 3.0 Compatibility

NXT RIM units with firmware v03.01.11 is ONLY compatible with the following:

### *Doors.Net*

Controller firmware version 2.4.17 or greater. Software version v3.5.1.8 or greater.

### *NetXtreme*

Controller firmware version 02.03.12 or greater. Software version v2.4.0.

NXT RIMs are compatible with MS readers, 26-Bit Wiegand readers, non-26-Bit Wiegand readers (64-bit maximum), and HID readers.

## 4.0 Contact Keri Systems

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