

# NXT Controller Firmware v2.05.40

## Release Notes

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### 1.0 NXT Controller Firmware Release

- Added support for updating NXT Reader firmware.
- Implemented a number of Ethernet communication enhancements that help protect the controller from data that does not apply to the controller, including bad data packets and invalid connection attempts. These changes help to prevent the controller from being knocked offline.
- Added a health monitor to collect and save information on questionable Ethernet events. This information can be used to assist in debugging Ethernet related issues. This feature is selectively enabled, and should only be used if a controller has repeated networking issues.
- Corrected an error in applying holiday dates to door unlock schedules.

### 2.0 Known Issues

None at this time.

### 3.0 Compatibility

NXT Controllers with firmware v02.05.40 are compatible with the following:

*Doors.NET* - Software v3.5.1.19 or greater

**NXT-4x4** - Firmware v3.00.02 or greater

**NXT-RIM** (Reader Interface Modules) - Firmware v3.02.05 or greater

**NXT Reader** - Firmware v3.00.01 or greater

NXT Controllers are compatible with MS readers, 26-Bit Wiegand readers, and non-26-Bit Wiegand readers only when connected via an NXT-RIM.

### 4.0 Contact Keri Systems

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