



Product Release Information: NDE Firmware 02.12.58

Product	NDE
Version Number	02.12.58
Firmware Release Date	September 28, 2018
Production Release Date	October 2018
Customer Support	For more information or support, visit the ENGAGE Electronic Locks site

Attention:

This document contains the **Release Notes** for NDE device firmware version **02.12.58**. This version includes feature updates and improvements made after the NDE firmware 02.11.29 released in May of 2018

Installation and Update Notes:

Device firmware updates are available September 28, 2018 through the ENGAGE™ cloud database.

Starting 09/28/2018, from the ENGAGE web portal, each lock may be independently selected by the site administrator to have the latest firmware downloaded during the next scheduled Wi-Fi connection. Alternatively, the site administrator may connect locally to individual locks with the ENGAGE mobile application to update an NDE with the latest firmware.

The [Knowledge Center information portal](#) provides additional information: Search for the “How do I perform NDE Firmware Updates” solution for more details.

Firmware versions that will be installed with this update:

- **Main Application** **02.12.58**
- Reader Application 02.04.07
- BLE Application 01.04.127-1.3.0
- Wi-Fi Application 4.77. r2153

NOTE: The **BOLD** item(s) above are updated from the previous release

Other system components versions to be used with this release: (or newer)

- Gateway 01.53.16
- MT20W 39.00.00
- Android Application 03.1.120
- iOS application 02.1.112
- ENGAGE 6.1



Who should update?

Allegion recommends keeping all devices at your site up to date with the latest firmware and software. We strive to provide the best products and service for our customers and security upgrades are highly recommended. Our latest firmware and software releases will allow the customer to get the most from their devices.

Specifically, any customer experiencing any of the below symptoms should update their NDE lock firmware to version 2.12.58.

Recent Changes:

New

- Communication security upgrades
- The Security Management Software provider now can securely manage lock Wi-Fi configuration settings.
- Upgraded RSI mode audits for Security Management Software, and lock audit retention for connected Mobile Application viewing.

Changed/fixed

- RAM buffer allocation size used for Bluetooth and Wi-Fi communication was increased to accommodate large and longer messages. This eliminates the recent case of failing to connect with the ENGAGE Mobile APP.
- The FFR image was updated to 02.11.29
- Improvements were made in lock configuration management.
- The door position indication algorithm was improved, eliminating errors in door position reporting and forced door detection.
- Improvements were made to reduce possible duplicate audit information
- Fixed audit reporting for lock critical battery, Power On Self-Test, and monitoring of sleep current in 410IP mode.
- Downloads are improved. They are more robust and some updates are now faster.
- Fixed the occasional NDE still blinking RED even after the Mobile Application disconnects

NOTE: NDE devices that are factory programmed with ENGAGE 6.0 firmware 2.11.18 (manufactured December 2017 or later) are not backwards compatible with older versions of NDE firmware, 2.10.08 or older.

Revision	COMMENTS	DATE
SES20180928A	Update to firmware version 02.12.58	09-28-2018