



Product Release Information: AD-Series Firmware AD.A.100 (ONR)

Product	AD-Series
Version Number	Firmware Package: ONR AD.A.100
Firmware Release Date	June 10, 2016
Production Release Date	July 2016
Customer Support	For more information or support, visit our website .

Attention:

This document contains the release notes for AD-Series Over-Network-Repogramming (ONR) Firmware Package AD.A.100.

The ONR Firmware Package is intended for OEM or Access Control Providers to use for integrating into their System to enable automated online firmware updates.

The following sections describe the release in detail.

Installation and Update Notes:

Who should update?

Allegion recommends keeping all devices up to date with the latest firmware and software. We strive to provide the best products and service for our customers.

Our latest firmware and software releases will allow the customer to get the most from their AD-Series devices.

Specifically, all customers who would be interested in the following should update:

New Features:

- Support is now provided for customers using the newly released Multi-Tech 2 reader family:
 - KP2 = Keypad only
 - MT2 = Multi-Tech only
 - MTK2 = Multi-Tech with Keypad
 - Si2 = Smart-card only
 - SiK2 = Smart-card with Keypad
 - FMK2 = FIPS Multi-Tech with Keypad



NOTE: Any AD-Series lockset that is updated as an upgrade or field repair with the new Multi-Tech 2 reader family, must also update the firmware in the AD-Series device for compatibility.

- Support for Mifare Plus credentials is now provided and enabled, by default for the MTK and MTK2 family of readers

Recent Changes:

- **PIM400 and AD400:** After a Factory Default Reset (FDR) of the PIM400, the AD400 locksets that are then relinked with the PIM400, are now always driven to be locked
 - Previously, if the AD400 was set to be unlocked when the PIM400 was RESET, the lock would be remain unlocked after relinking
- **PIM400:** RF Communication Loss reports are no longer generated if the PIM400 heartbeat is set to more than 2 hours
- **PIM400:** After a Factory Default Reset (FDR), the previously linked door properties and diagnostics information is no longer displayed by the Schlage Utility Software (SUS)
- **AD-Series:** Magnetic Stripe cards with 37 characters are now properly read.
 - Previously, any data in the 37th bit would cause the AD-Series to deny access inappropriately, while the same card was accepted on legacy CM products
- **AD300:** Lock Properties are no longer reset to default settings after an AD300 is Factory Default Reset (FDR) and after communication is reestablished with the Access Control Panel
- **AD300:** After performing a Factory Default Reset (FDR) on an unlocked AD300, the lock would relock, however it would report its status as unlocked
- **MT and MTK** credential readers: The reader no longer becomes unresponsive when reading CSN with no specified output format selected
- **MT and MTK** credential readers: Secure sector and CSN settings should be mutually exclusive. With this update, conflicting settings that are made via the Access Control Panel programming are prevented
- **Blackboard** (Custom) and **Mifare** (generic) EV1 cards: These cards are now read properly after presentation of a configuration card CE-017-858



Version Compatibility:

The ONR AD.A.100 Package contains the following individual product firmware versions:

NOTE: All Devices that have been updated in the ONR AD.A.100 release are listed in **bold** in the table below:

Devices	Firmware Version
AD-300	2.47.2
AD-400	2.47.2
KP-PR-SM-MT	2.46.4
KP-PR-SM-MT2 *	2.1.4
MG	2.43.1
PIM400-485-RSI	2.27.2
PIM400-485-VBB	2.27.2

* New with this release of the AD.A.100 firmware package