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# Version 1.8.1 (V1.8.1\_250520)

#### Release

2025-05-21

Devices with the new BLE chip cannot downgrade to a lower version after upgrading the firmware to v1.7.0 or higher. Devices with existing BLE chips can be downgraded to a lower version.

For more information, check the serial number of the device and contact the Suprema. (https://supremainc.com)

## **New Features and Improvements**

- 1. Supports SL1, SL3, and SL1/SL3 Mix Mode for security level compatibility with MIFARE Plus EV1 cards.
- SL1: Compatible mode with MIFARE Classic
- SL3: Advanced security mode based on AES
- 2. Added identification code to support recognition of the latest cards.
- DESFire EV3

### **Bug Fixes**

- 1. Custom smart cards with the **DESFire Advanced** option enabled fail to be recognized. (Affects version: v1.7.1)
- 2. Authentication fails with a 'period expired' message when using a smart card issued with a visual face included. (Affects version: v1.0.0)

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