CoreStation 20

RELEASE NOTES

Version 1.0.6

English
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suprema
SECURITY & BIOMETRICS

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Firmware Version 1.0.6 (Build No. 1.0.6_261102)

Release | 2026-11-03

Caution

- After upgrading the firmware to v1.0.3, it is not able to downgrade to an earlier version of the firmware.
- For more information, check the serial number of the device and contact the Suprema.

New Features and Improvements

1. Improved CoreStation Setup Manager security vulnerabilities

Bug Fixes

1. Disconnected slave devices shown as online after restoring CoreStation settings. Affects version: 1.0.5
2. Child Wiegand reader not being locked by **Trigger & Action** when a **Lock Override** card is assigned to a user. Affects version: 1.0.4
3. **Lock Override** card authentication not working on a door created with a Wiegand reader when the reader is disabled. Affects version: 1.0.4
4. Door not unlocking on **Lock Override** card authentication when both schedule unlock and manual lock are set. Affects version: 1.0.4

Firmware Version 1.0.5 (Build No. 1.0.5_260616)

Release | 2026-06-24

> **Caution**
>
> - After upgrading the firmware to v1.0.3, it is not able to downgrade to an earlier version of the firmware.
> - For more information, check the serial number of the device and contact the Suprema.

New Features and Improvements

1. Supports new device.
   - XPass Q2
2. Improved CoreStation Setup Manager features
   - Supported manual configuration of SCB Keys.
   - Supported backup and restoration of network information (Device ID, SCB Keys, etc.).
   - Improved the ability to transfer existing settings when replacing the CoreStation.
   - Improved the overall font sizes and UI.
3. Improved the UI to not display the 'Activated Count' when applying a Camera QR license.

Bug Fixes

1. Access group authentication behaves abnormally according to the schedule (Daily) when DST is applied. Affects version: 1.0.0
2. Alarms failing to clear properly when attempting to clear alarm on a device. Affects version: 1.0.0
3. Temporary page access failure or connection delays when logging in to CoreStation Setup Manager. Affects version: 1.0.3
4. Intermittent RS-485 slave device disconnections and excessive disconnect logs. Affects version: 1.0.0
5. An incorrect authentication failure reason is displayed when authenticating with an EV1 card on a slave device with Secure Messaging enabled. Affects version: 1.0.3

Firmware Version 1.0.4 (Build No. 1.0.4_260428)

Release | 2026-04-29

Caution

- After upgrading the firmware to v1.0.3, it is not able to downgrade to an earlier version of the firmware.
- For more information, check the serial number of the device and contact the Suprema.

New Features and Improvements

1. Supports new device.
   - XPass Q2
2. Supported EV2 Secure Messaging authentication and issuance for DESFire EV2 and EV3 cards.
3. Supports the **Lock Override** feature, which allows you to enroll a card that can open a door to be opened using a specific card.
4. 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
5. Supports the **Door Mode Override** feature, which restores the door to its normal state after the administrator changes the door status and a certain period of time has elapsed.

Firmware Version 1.0.3 (Build No. 1.0.3_250929)

Release | 2025-10-21

Caution

- After upgrading the firmware to v1.0.3, it is not able to downgrade to an earlier version of the firmware.
- For more information, check the serial number of the device and contact the Suprema.

Bug Fixes

1. CPU usage rises to as high as 100% and user enrollment is delayed. Affects version: 1.0.0

Firmware Version 1.0.2 (Build No. 1.0.2_250714)

Release | 2025-07-15

Bug Fixes

1. After enabling the **Secure communication with device** option and transferring the certificate to the device in BioStar 2, the device cannot connect to the server. Affects version: 1.0.0

Firmware Version 1.0.1 (Build No. 1.0.1_250604)

Release | 2025-06-05

New Features and Improvements

1. Supports **Custom Smart Card** of devices connected as slaves.
2. Supports new device connection in CoreStation Setup Manager.
   - Door Interface (DI-24)
3. Supports new device.
   - Door Interface (DI-24)
4. Supports elevator control via the Fire Aux input port.

Bug Fixes

1. LED status indicator flashes only in red. Affects version: 1.0.0
2. More than three slave devices can be connected to a single RS-485 port in CoreStation Setup Manager. Affects version: 1.0.0
3. **Secure Tamper** does not operate in CoreStation Setup Manager when the **Use Port** is enabled for the AUX port connected to the tamper. Affects version: 1.0.0
4. When the tamper is triggered on the device, the LED light returns to its previous lighting state. Affects version: 1.0.0
5. The default settings for AUX ports (AC Fail, Tamper, Fire) are disabled in CoreStation Setup Manager. Affects version: 1.0.0
6. Authentication fails with a 'period expired' message when using a smart card issued with a visual face included. Affects version: 1.0.0
7. When authenticating with a complex QR code on a device connected as a slave, the card value is not displayed and the event log is incorrectly logged as '1:1 authentication failed(QR/Barcode)'. Affects version: 1.0.0
8. After creating a door on a device configured as a slave and using the slave device's relay for door control, the relay status is incorrectly displayed. Affects version: 1.0.0
9. After rebooting the controller while the door is unlocked due to a fire alarm, the fire alarm is not properly cleared even after clearing the alarm. Affects version: 1.0.0
10. After enabling dual authentication on a door configured with a Wiegand reader, the master device restarts when

authentication is performed. Affects version: 1.0.0

11. When the elevator is set to **Schedule Unlock**, if the RS-485 connection of the slave device is disconnected and then reconnected after the **Schedule Unlock** ends, the relay does not operate as locked. Affects version: 1.0.0
12. When the time is changed and the **Time Synchronization with Server** option is enabled, synchronization does not occur immediately but only after a certain period of time. Affects version: 1.0.0
13. After performing **Restore to default** to **Without Network** and slave devices are added again, the newly added slave devices are shown as disconnected in the UI, but are actually connected according to the device log. Affects version: 1.0.0
14. Wiegand format card data of 25 bits or less is not recognized. Affects version: 1.0.0
15. When **Dual Authentication** is set on a door with an OSDP reader, the LED and buzzer operate incorrectly in the waiting-for-input state after the first authentication. Affects version: 1.0.0
16. CoreStation 20 enters an infinite reboot when upgrading the Door Interface firmware after changing the RS-485 port baud rate of CoreStation 20 and Door Interface. Affects version: 1.0.0
17. When a specific device is connected as a slave, configuration changes are not properly applied. Affects version: 1.0.0

Firmware Version 1.0.0 (Build No. 1.0.0_250218)

Release | 2025-02-18

Initial Firmware Developed.

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