IDENTIV

CCM/CCMx v8.3.00.073 Release Notes

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Overview

This document describes the changes in the CCM/CCMx firmware since version 8.2.01.028.

Like previous versions numbered 7.6.x, version 8.3.00.073 of the firmware works on the traditional CCM7 module used in controllers such as the M2 and M8, and on the newer CCMx-2, CCMx-4, and CCMx-8 modules used in the Mx controllers. It also works on the CCMx components built into the main board of the Mx-1 controller.

This firmware package includes both a CCM BIOS component (for all controllers) and a STM-RTC component (for Mx controllers). The version numbers of these firmware components are shown in the following table:

CCM\CCMx	CCM BIOS	STM-RTC
8.3.00.073	8.2.03	8.3
8.2.01.028	8.1.09	8.1
8.1.00.002	8.0.02	7.8
8.0.01.047	8.0.02	7.6

CAUTION: If you have an Mx controller running a CCMx firmware version earlier than 7.5.28, you MUST first upgrade to version 7.5.28 before you download version 8.3.00.073 to that controller.

Downloading version 8.3.00.073 to an Mx controller running CCMx firmware version earlier than 7.5.28 will lock up that controller.

KEY FEATURES IN THIS RELEASE:

Power Monitoring: Improved power monitoring of PoE+ power on the Mx-1.

Controller Start-up and Reboots: While pressing the Blue button on the controller, the TEST LED blinks 15 times before a cold-start. The CCM/CCMx firmware now includes a command to force a cold-start. Updated cold-start initiation/detection on downgrading CCM/CCMx or SNIB3 firmware.

TS Reader LEDs: Added reader options checkbox for "Blink Reader LED/ScramblePad Red LED during relay override." Implemented ScramblePad LED options on Wiegand readers and RS-485 TS readers. Operators can now select the bonus color option for RS-485 TS reader LED.

Controller Downloads: Configuration & credential downloads are now streamlined.

Controller Communications: SNIB3 communications improved.

Credential Management: Global credential management and "Who's Inside" improvements.

New Features

Reference ID	Description
PAC-3174	Support for PoE+ power source events added.
PAC-5171	Added support to enable user tracking without enabling Passback/Occupancy tracking.
PAC-5233	Added features to warm-start and cold-start the CCM/CCMx from Velocity Diagnostic Window (CMD 94 and 95).
PAC-5395	While pressing the Blue button on the controller, the TEST LED blinks 15 times before a cold-start.
PAC-4750 PAC-4742	CCM - Additional LED controls for Onboard Wiegand TS Readers CCM - Mantrap LED control for Wiegand TS Readers
PAC-4757 PAC-4749	CCM - Bonus color LED control for OSDP TS Readers CCM - Additional LED controls for OSDP TS Readers

Bug Fixes

Reference ID	Description
PAC-1766	Fixed issue where Mx-1-W randomly reports AC Power Fail and AC OK when powered via PoE+.
PAC-3092, PAC-4691, PAC-4697, PAC-4809, PAC-5233, PAC-5770, PAC-5780, PAC-5799	COLD START ISSUES. Institute command to force cold-start. Fixed cold-start initiation/detection on power failures, downgrading CCM or SNIB3 firmware, changing expansion boards.
PAC-5206	Fixed issue where "Two-Person Rule disables CCOTZ" reader option affects FASC-N codes.

PAC-5226	Fixed issue where PIV credentials receive denied access when the credential database is on SNIB3. The issue only occurs when using an MRIB and a base_gov reader.
PAC-5250 PAC-5259	Fixed issue where the same card generates different match codes on Mx-1 Wiegand port.
PAC-5283	Fixed issue with Access Denied unknown PIN event.
PAC-5377	Fixed issue with 56-bit HEX credential access denied event.
PAC-5612	Fixed issue where DB mode changes from CCM to SNIB3, the keypad sharing did not work when IDF is set as IDF 3-Dual.
PAC-4682	Removed parallel printer support.
PAC-4705	Fixed issue where "Blink Yellow left LED on power failure" option, was not blinking on AC power failure.
PAC-4706	Fixed issue where after a FICAM card access, entering an unknown PIN caused an "Access denied: Card" event in Event Viewer.
PAC-4780	Fixed issue where M16 shows "Alarm at Input 0" (Event ID 5002) on logon.
PAC-4845	Fixed issue where an unexpected event is getting displayed if you enable or disable the Global MCZ option in controller properties.
PAC-4849	Fixed issue where globalized use count message is processed by the controller when the "Enabled global credential management" option is unchecked in controller properties.
PAC-4872	Fixed issue where unexpected data is added to the invalid card event while "Invalid Codes" option is disabled in controller properties.
PAC-5269, PAC-5931	Fixed issue where the controller puts users in incorrect zones on card swipes.

Known Limitations

PAC-1082	Mx-1-W Allegion : After a blue button reset, downloading controller configuration, "RQE granted" message is displayed for all the doors that come online.

PAC-5674	Receiving "Multiple reader at address" messages. Multiple MATCH or Keypad events. Upgrading CCM and downloading configurations doesn't clear the problem. Fix is to cold-start the controller after upgrading to v8.3.00.073 or later, and re-download configurations and credentials.