CCM/CCMx v8.2.01.28 Release Notes I·DENTIV

Overview

This document describes the changes in the CCM and CCMx firmware since version 8.1.00.02.

Like previous versions numbered 7.6.x, version 8.1.00.02 of the CCM/CCMx firmware works on the traditional CCM7 module used in controllers such as the M2 and the M8, and on the newer CCMx-2, CCMx-4, and CCMx-8 modules used in the Mx controller. It also works on the CCMx components built into the main board of the Mx-1 single-door 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 version	CCM BIOS version	STM-RTC version
8.2.01.28	8.1.09	8.1
8.1.00.02	8.0.02	7.8
8.0.01.047	8.0.02	7.6
7.6.46	7.6.30	7.4
7.6.44.07	7.6.30	7.4
7.6.43.06	7.6.30	7.4
7.6.42	7.6.30	7.4
7.6.40.05	7.6.30	7.2
7.6.20.25	7.6.02	7.2
7.6.01.13	7.5.75	6.0
7.6.01.12	7.5.66	5.5
7.5.64.95	7.5.65	4.6
7.5.61	7.5.28	4.4
7.5.37	7.5.28	4.0
7.5.36	7.5.28	4.0
7.5.28	7.5.28	4.0

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 8.2.01.28 to that controller.

Note: Downloading version 8.2.01.28 to an Mx controller running CCMx firmware version earlier than 7.5.28

will lock up that controller.

Improvements Made

- Support for 92-bit cards and other 17-to-32 digit MATCH codes (non-FASC-N/UUID credentials, i.e. not PIV, PIV-I, PIV-C etc.)
- Remote reboot
- Cold-start tracking
- "Forgive" credentials in a specific zone (i.e. by PZ) via "Who's Inside window" option
- Network Global I/O (requires SNIB3 firmware upgrade)

New Features & Bugs Fixes

Reference ID	Description
PAC-3056	Added support for operator to remotely reboot controller with CMD 90*1.
PAC-3846	Support automatically disabling a Credential when used in a particular Door Group.
PAC-3898	Fixed communication issues with controllers going offline, or skipping/duplicating CCM commands/credentials/messages.
PAC-4002	Add support for 17-to-32 digit non-FASC-N/UUID card credentials.
PAC-4046	Fixed support for Wiegand Reader handling "64 bits, in 16 Digits out" FASC-N option.
PAC-4067	Add support for Network Global I/O (NGIO).
PAC-4108	Fixed issue where "Automatic disable credential" does not work when Credential DB is on SNIB3.
PAC-4328	Fixed issue where controller logs off when placing a PIV I card, if PIV I option is disabled in the Card Reader Setup.
PAC-4409	Add support for "Forgive Users by Zone".
PAC-4453	Fixed an issue where occupancy was not updating correctly with 2-person rule. (Failed "ABBA BABA" test.)
PAC-4464	Fixed an issue where a Time Zone didn't go active until the next minute, if Velocity was updating the time at the same moment.
PAC-4471	Fixed an issue where "Forgive all credentials" didn't correctly update the onboard credential database and the Who's Inside window.
PAC-4496	Fixed connectivity issues with multiple controllers.
PAC-4499	Fixed issue with controller going and staying offline shortly after midnight.
PAC-4655	Fixed an issue where OSDP Readers do not come online.

PAC-4670	Fixed an issue where downloading the controller date and time causes the clock changes to 2014 or to January instead of the current date (but only on Saturdays).
PAC-4697	Added support to log and report restart, cold start, and STM firmware upgrade events.
PAC-4769	Fixed issue where CCM Firmware download fails intermittently.
PAC-4780	Fixed issue where "Alarm at Input 0" (Event ID 5002) reported on logon instead of the correct alarm events.
PAC-4809	Fixed an issue where flashing CCM FW from 8.2.00.062 to .103 cold-started the controller and when it returned the Database mode did not switch back to SNIB3.
PAC-4823	Fixed issue where SNIB3 FW version is NOT displayed correctly in Controller Properties and 88*1 command output.
PAC-4870	Fixed issue where Forgive Users in "Who's Inside window" NOT working when "On passback violation" options are unchecked in Controller Properties.

Known Issues
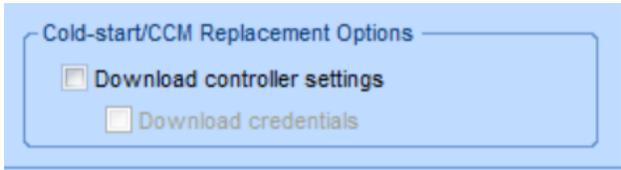
PAC-1082	Mx-1-W Allegion : After a blue button reset, on downloading controller configuration, "RQE granted" message is displayed for all the doors, which comes online.
PAC-4245	Update Mx1 STM FW reader/relay power overload logic.
PAC-4691	Unexpected controller cold-start when reflashing CCM. Solution: If the cold-start occurs, the controller will need both the Configurations and Credentials manually downloaded from Velocity. * Velocity can be configured to automatically download controller configurations and credentials upon detecting a controller cold-start by by enabling the options within the SCM Settings | Advanced.
PAC-4705	On selecting "Blink Yellow left LED on power failure" option, Yellow left LED does not blink on AC power failure.
PAC-4784	Unchecking "CMD Response" should turn off credential download responses.