Honeywell

Customer Advice Note CAN 185

MPI V13.07 Production Release

Date: November 2023

Introduction

Welcome to the Customer Advice Note no. **185**, where we are excited to announce a significant firmware update for the Honeywell MAXPRO Intrusion range of Intruder control panels. Our dedication to continuous product improvement has led us to introduce version 13.07 of the controller firmware, packed with new updates and features to enhance your MAXPRO Cloud experience.

In this document, we will take you through the key changes and improvements brought about by the v13.07 update, building upon the previous version (v13.06).

Read on to explore the exciting advancements and optimizations that will elevate the performance and security of your Honeywell MAXPRO Intrusion control panels.

Availability

Please note that we have released a new MPI Controller Firmware version 13.07 to MAXPRO CLOUD EU on 23rd November 2023. Please login and check your MPI Controller Overview for new firmware availability.
URL: https://mymaxprocloud.eu/MPC

All customers who have EU Controller firmware v 8.19 or above can update to v13.07. If the firmware version of the controller is older than V8.19, then the controller must be updated to V8.19 first and then updated to V13.07.

Controller Firmware version: 3000EU.100.013.07,
2000EU.100.013.07, 2100EU.100.013.07

Minimum supported peripheral versions for Controller Firmware version **7.44**

AMS   **0.9.7**
ZE   **0.4.3**
RM   **0.6.2**
DCM   **91.06**
PSU   **1.1.3**

Attention Note Firmware Update:

- During firmware update power will be removed from panel AUX 1 and AUX 2 supply. AUX 3 / Ext siren will drop from 12v to 7v this may have an impact on the connected device, panel outputs will disengage for the duration of the update maximum 3 mins.

    Note: Post upgrade to FW 13.07, next FW upgrade AUX outputs will not disengage during firmware upgrade

- Panel firmware update to V13.07 will take around 30mins as Operating System & firmware application are part of the update. **Please note** during this process it is not recommended to enter and exit Engineer Mode (Installer Mode) from MPC.

- After firmware update of panel is complete, system will automatically download peripheral firmware updates for (AMS/DCM/ZE/RM/PSU) if required. Once all peripheral firmware is downloaded then a further authorization is required from Keypad (AMS) to update these peripherals.

    o Time taken to download Keypad AMS firmware is **4.5 hrs**
    o Time taken to download other Peripheral's firmware is **20 mins** per device.
    o Example MPI 2000E with 1 x Keypad AMS, 3 x Zone Expanders and 3 x DCM would be 4.5 hrs + 60 mins + 60 mins = **6.5 hrs**
    o **Note**: Authorization message for peripheral update will only occur after this time period. In the example above peripheral authorization will occur after 6.5hrs as an example.

- **Important:**
    1) For the duration of the update an AC supply must be available for Main Control Unit and Remote Power Supplies. Updates cannot be carried out on back up battery.
    2) In case of active alarms, upgrade authorization message is not shown. User should disarm the system and should access keypad menu for new firmware upgrade option.

Products

MPIP2000E/ MPIP2100E/MPIP3000E

New Features:

1. German language support

Field issue fixed:

1. Auto arm failing when Area has an alarm physically restored but alert not cleared from keypad.
2. Alarm Transmission Failure – multiple MPI panel sites reported this failure to ARC during MPC cloud production update.
3. AMS FW 1.3.3 triggers module missing when user swipes card.
4. Fix to avoid Outputs getting triggered during remote firmware upgrade for panel.
5. Panel output with trigger type (Internal annunciator, Strobe, Interior/Exterior Siren) remain in active state even after alarm reset post remote reboot operation.
6. MPI Remote reboot event is not getting logged in panel and same is not getting reported to MPC.
7. Tamper alarm on RTE zone when set to normally open or normally closed.
8. MIFARE DESFIRE 56 bits card number is incorrect when read by AMS.

Updated FW Versions:

Product Model	FW Versions
MPIP3000E / MPIP2000E / MPIP2100E - BSP Version	7.11r5
MPIP3000E / MPIP2000E / MPIP2100E - FW Version	100.013.007
MPIEIO84E – Zone Expander	1.0.1
MPIWLTXAL – RF Transceivers	0.4.4
MPIEOP4 – Relay Module	1.0.2
MPIPSU35 – Smart PSU	1.1.5
MPIDC1 - DCM	1.1.4
MPIKTSPRX - AMS	1.3.4
MPIKTSMF – AMS	1.3.4
MPILTEE - Cell Radio	01.000.02
MPC- MPI Version	6.4.03
MPC Version	6.4.25

Supported RF Sensors:

Sensor Model	Description
DET8M	RF H2O and temp sensor; FO; Residential; C3
DO800M2	ALPHA DOOR/WINDOW CONTACT
DO8M	RF magnetic Door/Window contact
DODT8M	RF Door/Window CONTACT+ONE HW INPUT–ALPHA
IR8M	RF PIR [Motion Sensor]
IRPI8M	RF PIR/Pet Immune [Motion Sensor]
SHKC8M	RF shock sensor with Door/Window Contact
DT8M	RF DUAL MOTION SENSOR
DTPI8M	RF DUAL MOTION SENSOR with pet Immune
FG8M	RF Glass Break Detector
SHK8M	RF Vibration Sensor
DF8M	RF Optical Smoke Sensor

C08M	RF Carbon Monoxide Detector

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Hardware	n
Reporting	y
Standards and Legislation	y
Part Numbers Affected	y

Miscellaneous Changes	y
Signaling Changes	n
Technical Changes	y
Programming	y