

# Mobile App for Commissioning MPA1

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## User Guide

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# DEVICE UTILITY APP USER GUIDE

## About the Guide

This guide introduces and describes how to set up and commission MPA1 access control panels using Device Utility Mobile App. The minimum requirement for the device is:

- Apple IOS 13, or higher
- Android version 6 or higher

## Intended Audience

This document is intended for the Installer or field engineer installing and commissioning an MPA1 access control device.

## Acronyms and Abbreviations

- MPA 1-MAXPRO Access Single Door Access Control panel
- MPC -MAXPRO Cloud
- DHCP- Dynamic Host Configuration Protocol
- EVL- Ethernet Virtual Loop

## Introduction to Device Utility Mobile App

Device Utility App is an intuitive mobile interface to commission MPA1 panels to be used as stand-alone panel in Web mode or as panel in the MAXPRO Cloud solutions. It allows you to add the MPA1 panels and download or push the configuration via Bluetooth.

This App allows you to do the following:

Commissioning an MPA1 by:

- Securely connecting via Bluetooth

- Set up panel properties
- Set up use of panel in WEB (stand-alone) or MAXPRO CLOUD mode
- Set up time parameters
- Download set up configuration in MPA1 panel
- Store the configuration in the App to review, modify and download again
- Share securely the configuration with other App users via commonly used sharing channels

## Getting Started

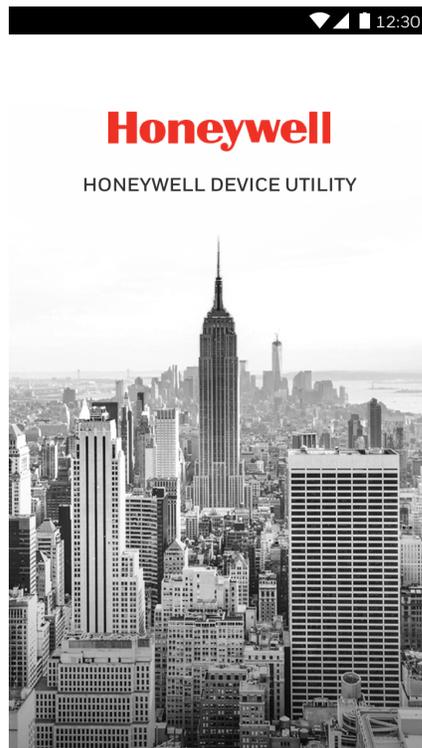
### Commissioning a New Panel

#### Steps to Commission a new pane

##### Step 1. Launch the Device the Utility App

1. Tap on the Device Utility App to launch.

##### Home Screen



##### License Agreement Screen

###### End-User License Agreement

HONEYWELL CONNECTED RESPONDER SERVICES PRIVACY STATEMENT AND END-USER LICENSE AGREEMENT

Effective July 01, 2019

Welcome!

Below you will find Honeywell Connected Responder Services Privacy Statement and End-User License Agreement; these are legal agreements between you and Honeywell International. India Private Limited and its subsidiaries ("Honeywell") for the use of certain Honeywell services, systems, and software.

The highlights:

The Privacy Statement describes, among other things:

- Information we collect:
- Information you provide by completing your account registration; e.g. name, email, address, and zip code
- Information about how you use the system

By checking this I accept that I have read and understood the agreement

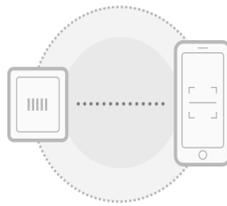
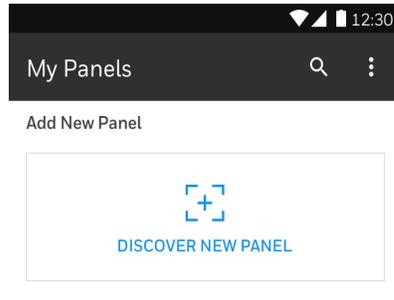
AGREE

2. Read the terms and conditions and then tap on the check box to agree.

## Step 2. Discover the Panel

1. On the My Panels screen, tap on Discover new panel. The Discover New Panel screen is displayed.

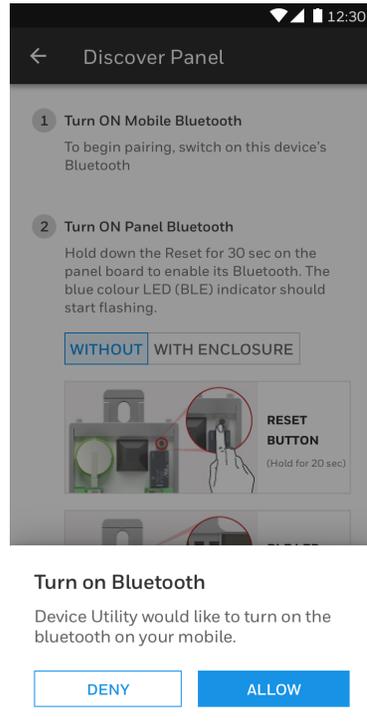
### *Discover New Panel Screen*



No panels added

2. Turn ON the Mobile Bluetooth and then Panel Bluetooth for pairing. You can discover and pair the panel with or without Enclosure. Choose the required one

### Mobile Bluetooth



### Panel Bluetooth



## Discover the Panel

In order to discover the panel with the App, the panel must be reset.

1. Power on the panel.
2. Check if the panel is running - RUN LED is blinking slowly
3. Long press the panel reset button for 20 seconds - RUN LED is blinking rapidly

**Note:** The reset button on the MPA1 is small, please use a non conductive (plastic) object to press the button

4. The panel resets and LEDs stop blinking and turn off

# Discover the Panel with Enclosure

1. Tap on the With Enclosure tab. You can identify the location of the RUN LED and BLE LED in this pane.

## With Enclosure

The screenshot shows a mobile application interface titled "Discover Panel". It contains two numbered steps:

- 1 Turn ON Mobile Bluetooth**  
To begin pairing, switch on this device's Bluetooth
- 2 Turn ON Panel Bluetooth**
  - Connect the panel to a DHCP network and power on the panel.
  - Make sure the RUN LED is flashing, otherwise recycle power.
  - Press the tiny reset button. Use fingernail or small plastic object to press for 20 seconds constantly. The RUN LED will blink rapidly whilst pressing the button.

**Note:** If the button is unintentionally released within the 20 seconds the RUN LED will be back in normal running mode and the reset procedure needs to be repeated for the full 20 seconds.

Below the text, there are two tabs: "WITHOUT" and "WITH ENCLOSURE". The "WITH ENCLOSURE" tab is selected. Under this tab, there are two images of the panel's internal components. The top image shows the "RESET BUTTON" with a note "(Long press for 20 sec)". The bottom image shows the "BLE LED" and "RUN LED".

Below the images, there are three instructions:

- After 20 seconds RUN LED turns off. Release the reset button.
- Wait for both BLE LED and RUN LED to flash and wait for 2 minutes
- Tap on the PAIR PANEL button.

At the bottom of the screen, there is a blue button labeled "PAIR PANEL".

2. After the reset procedure, the BLE LED on the panel starts blinking. The RUN LED must blink slowly as well. This indicates the panel is ready to pair and send information about the panel

**Panel cannot be Paired**



**Panel can be Paired**



**Note:** If the BLE LED is not blinking on the panel then user need to press the Reset button. The panel reboots and the BLE LED AND RUN LED start blinking. For more issues, see the FAQ section.

### 3. Tap on the Pair Panel button

#### **Pair Panel**

← Discover Panel

- 1 Turn ON Mobile Bluetooth**  
To begin pairing, switch on this device's Bluetooth
- 2 Turn ON Panel Bluetooth**
  - Connect the panel to a DHCP network and power on the panel.
  - Make sure the RUN LED is flashing, otherwise recycle power.
  - Press the tiny reset button. Use fingernail or small plastic object to press for 20 seconds constantly. The RUN LED will blink rapidly whilst pressing the button.

Note: If the button is unintentionally released within the 20 seconds the RUN LED will be back in normal running mode and the reset procedure needs to be repeated for the full 20 seconds.

WITHOUT WITH ENCLOSURE

RESET BUTTON  
(Long press for 20 sec)

BLE LED  
RUN LED

- After 20 seconds RUN LED turns off. Release the reset button.
- Wait for both BLE LED and RUN LED to flash and wait for 2 minutes
- Tap on the PAIR PANEL button.

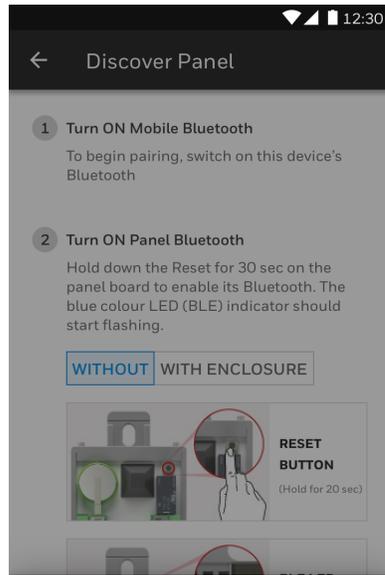
PAIR PANEL

### 4. You are prompted:

- To turn ON the mobile device Bluetooth if it is not turned ON. Tap Allow:

b. To allow the camera access permission. Tap Allow:

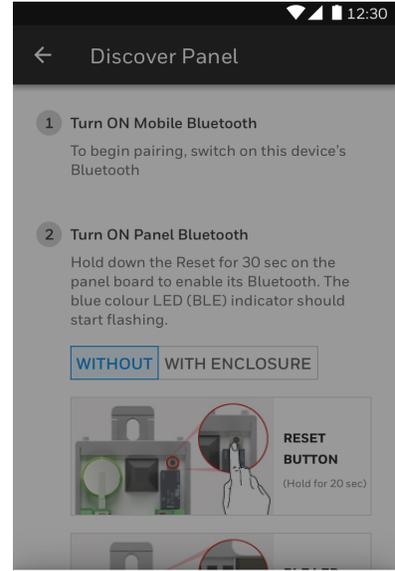
### Bluetooth



#### Turn on Bluetooth

Device Utility would like to turn on the bluetooth on your mobile.

### Camera



#### Access Permission

Device Utility would like to access the camera on your mobile.

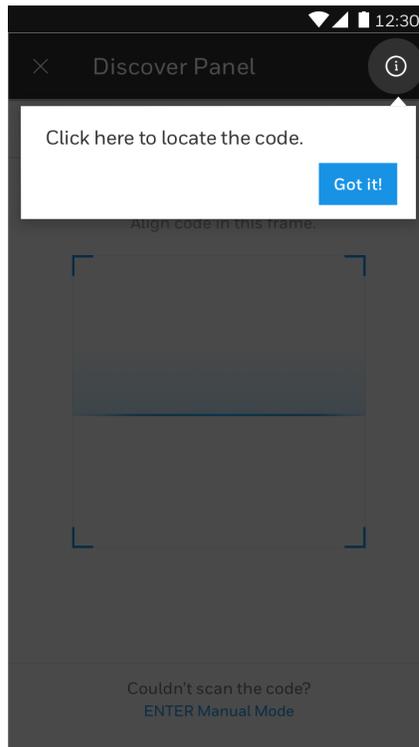
**Step 3. Scan the QR code on the panel to identify and pair with the correct panel**

**The QR code to be scanned is located on the top of the RJ-45 connector**

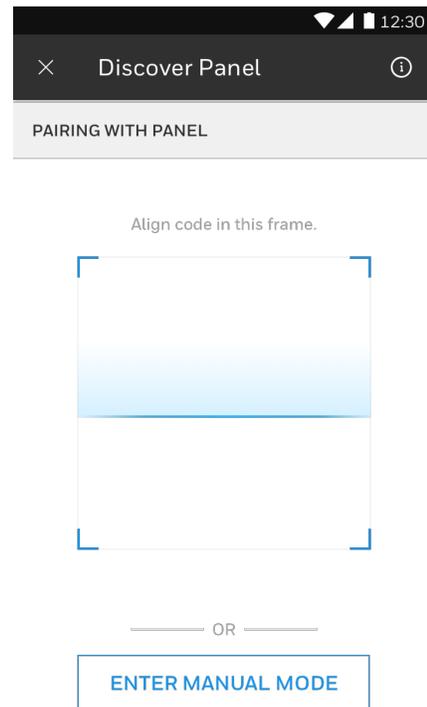
Tip: Tap Info icon to locate the QR code on the panel. A help screen is displayed with QR Code location.

1. Tap on any one of the following:
  - b. Using the bar code scanner (default)
  - c. Manually entering the details

**Bar Code**



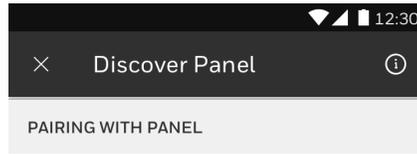
**Enter Manual Mode**



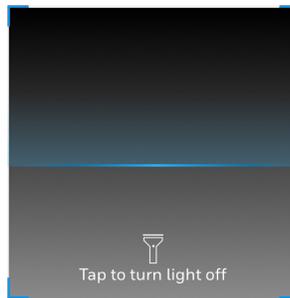
# Using the Bar code scanner

1. Align the camera to scan the QR code
  - a. The lamp on the mobile will automatically turn on
  - b. You can turn off the lamp on the mobile

## Lamp



Align code in this frame.



OR

ENTER MANUAL MODE

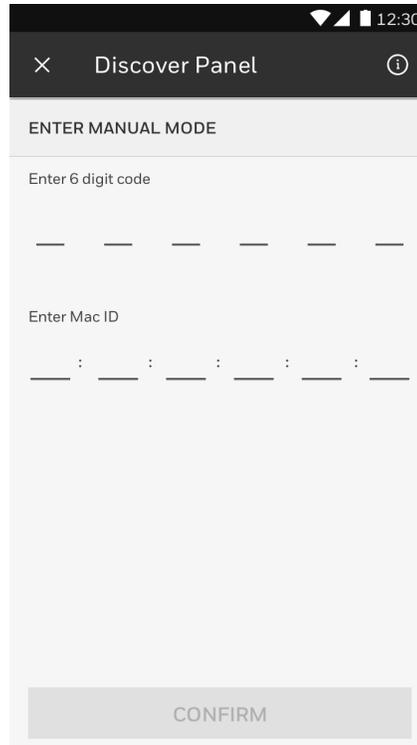
2. When a successful scan is done, the mobile will make a noise and will vibrate

**Note:** *The phone's sound settings for this app must be on.*

# Using Manual Mode

1. When QR code scanning is not working you can enter manually the 6 digit code and MAC-ID

## 6 Digit Code

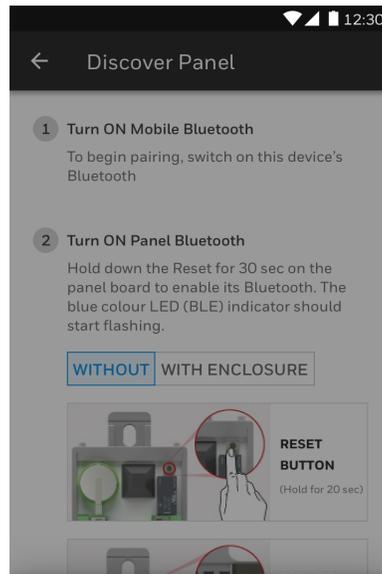


2. First enter the code, this can be found on the QR code label.
  - a. The code is a 6 digit Hexadecimal code. The keypad is set to fill only in this
3. Secondly enter the MAC-ID. This can be found on the QR code label, titled MAC ID.
  - a. The MAC-ID is a 12 digit Hexadecimal code. The keypad is set to fill only in this

## Discover the Panel Without Enclosure

The procedure is exactly the same as “Discover the Panel With Enclosure”. The location of the QR code is on the LED side of the panel. In order to reset the panel, the Panel must be dismounted from the J-Box, which will trigger the internal tamper alarm.

## Without Enclosure



### Turn on Bluetooth

Device Utility would like to turn on the bluetooth on your mobile.

DENY

ALLOW

## Step 4. Add the panel basic properties

### Panel Basic Properties

← MPA1-F0:54:94:00:26:24

ENTER PANEL DETAILS

Panel Name \*

Site

Notes

MAC ID  
F0:54:94:00:26:24

FW Version  
1.0.1.1

Panel Type  
MPA1

Boot Time  
Thu May 23, 14:00:20 2019

OS Version  
2.8.8

CANCEL

CONTINUE SETUP

### Enter the details of the panel

#### 1. Mandatory fields:

- a. Name: The default name will be displayed
- b. Site: Customer Site. The customer site stored to be used as default name for the next new panel.

## Default Name

MPA1-F0:54:94:00:26:24

ENTER PANEL DETAILS

Panel Name \*  
Panel 1

Site  
Avenue road

Notes  
2F/ID room/ceiling

MAC ID  
F0:54:94:00:26:24

FW Version  
1.0.1.1

Panel Type  
MPA1

Boot Time  
Thu May 23, 14:00:20 2019

OS Version  
2.8.8

CANCEL

CONTINUE SETUP

## 2. Optional field:

**Note:** *e.g. location of the panel*

## 3. Tap CONTINUE SETUP

### Step 5. Setup panel

1. Determine the use of the panel and related Network setting
  - a. MAXPRO CLOUD mode (MPC: default)
    - i. Default settings are for immediate use as panel in a MPC configuration
    - ii. Scroll down to view the MPC Network settings
    - iii. DHCP Network settings (default). It is recommended not to change this setting

## MPC Network Setting

Setup Use of Panel

STEP 1/2 - SETUP USE OF PANEL

MPA1 is a panel used for

WEB WIN-PAK MAXPRO CLOUD

Connect panel via "MAXPRO Cloud" only.

Server URL \* [RESET](#)  
https://isom.mymaxprocloud.com/isom

IP Address type

Static DHCP

CANCEL

SAVE AND NEXT

### b. WEB Mode

- i. Setting for stand-alone use of the panel
- ii. The panel can be set up as a PRIMARY panel
  - a. This PRIMARY setting is needed to access the panel via a web browser
  - b. The network setting is now DHCP, but can be changed as a Fix IP address. When connected to a DCHP server, the current IP address, network mask and Gateway IP address will be displayed

## Web Mode

← Setup Use of Panel

STEP 1/2 - SETUP USE OF PANEL

MPA1 is a panel used for

WEB  WIN-PAK  MAXPRO CLOUD

Connect panel via stand alone mode (web interface)

Panel Loop Function

PRIMARY  SECONDARY

IP Address type

Static  DHCP

CANCEL

SAVE AND NEXT

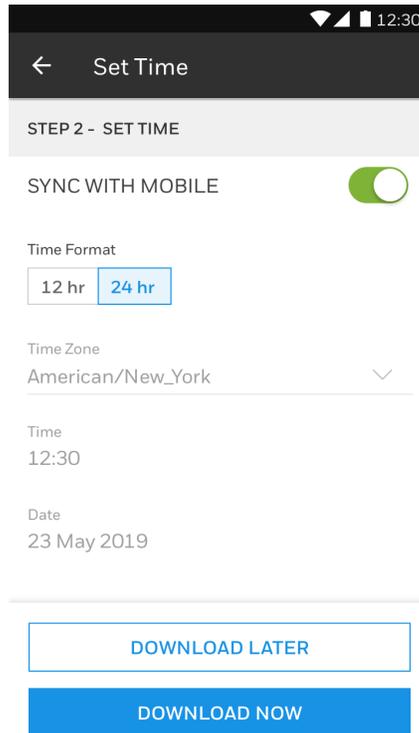
- iii. The panel can be set up as a SECONDARY panel
  - a. This is for Stand-alone networked EVL operation. A SECONDARY panel cannot be accessed by web browser. A SECONDARY panel must be added to a PRIMARY panel first in the PRIMARY panel web browser. Then the SECONDARY panel can be accessed via the PRIMARY panel web interface.
  - b. The network setting is DHCP, it is recommended to remain in DHCP mode

## 2. Tap SAVE & NEXT

### Step 6. Setup Time and download to panel

1. The time for the panel will be set by default from the Mobile device: Actual Date and time, Geographical Time Zone and 12/24 hour notation
2. When turning off SYNCH WITH MOBILE, you can change 12/24 hour notation, and Geographical Time Zone

## Setup Time



### 3. Tap **DOWNLOAD NOW**

#### Step 7. Download settings to the panel

1. The Panel basic properties, the panel setup and time setup will be downloaded to the panel. A progress bar will indicate the detailed progress of the download.
2. If the download is successful then the panel will restart automatically with the new setup.

<OR>

If the download fails then you can **RETRY** or tap on **TROUBLESHOOT**.

## Web Integration

To connect with the web browser to a PRIMARY panel you must know the IP address of this panel. This IP address is set up by the STATIC IP Address setting in the WEB mode setup. Use Chrome and <IP\_ADDRESS> to connect to the panel. Click Advanced Settings in the security page and select proceed to <IP\_ADDRESS>. After a new WEB commissioning the default user is “admin” and the password “admin”.

In the web interface further the door settings, people, cards, schedules and holidays can be set up. Also the EVL setup must be done here with the SECONDARY panels.

Monitoring and control can be done from the web interface as well.

## MAXPRO Cloud Integration

In MAXPRO Cloud add a new panel under the (new) customer. Select the type as MPA1. Fill in the MAC-ID from the MPA1. The panel will be registered from the MPC.

Further settings can be done on the door settings, people, cards, schedules and holidays can be set up from the MPC interface.

From the MPC web interface and the MPC App, the panel can be monitored and controlled.

## MAXPRO Cloud Integration

06:49

< Setup Use of Panel

STEP 1/2 - SETUP USE OF PANEL

MPA1 is a panel used for:

WEB MAXPRO CLOUD

Connect panel through MAXPRO Cloud only

Server URL \* [RESET](#)  
https://isom.mpa.mymaxprocloud.com/isom

IP Address type

STATIC DHCP

IP address \*  
192.168.10.17

Subnet Mask \*  
255.255.255.0

CANCEL

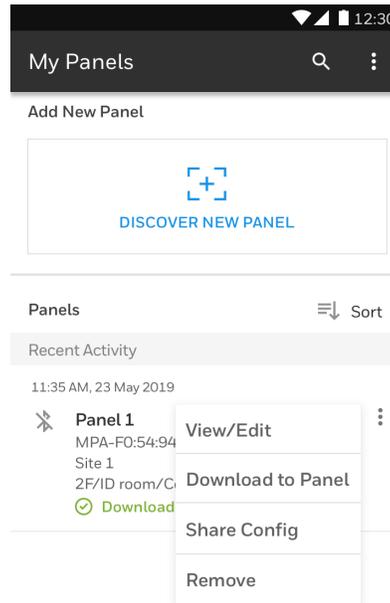
SAVE

# View/Edit the Setup Details (or Update the Setup Details)

You can review or modify your created configurations.

1. Select in MY PANELS the configuration you want to review or modify
2. Tap on the 3 dots on the right, select View/Edit configuration

## ***My Panels***



3. Tap top menu to review or modify basic panel properties

**Modify Basic Panel (Need image)**

06:48

✕ 6C:70:39:00:00:59

Panel Name \*  
MAC6C7039000059

Site \*  
Building1

Notes  
Fw

MAC ID  
6C:70:39:00:00:59

FW Version  
1.0.0.3

Panel Type  
MPA1

Boot Time  
2020-10-05T11:44:00Z

CANCEL

SAVE

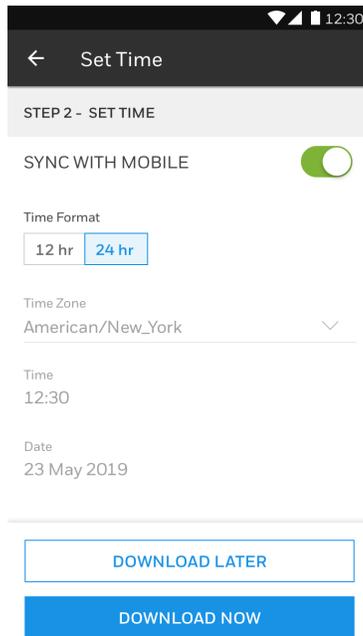
4. Tap Setup Panel to review / modify the use of panel and Network setup

**Network Setup (Need image)**

The screenshot shows a mobile application interface for setting up a panel. At the top, the time is 06:49 and there are icons for signal strength, Wi-Fi, and battery. The title bar reads 'Setup Use of Panel' with a back arrow on the left. Below the title bar, a grey bar indicates 'STEP 1/2 - SETUP USE OF PANEL'. The main content area starts with the text 'MPA1 is a panel used for:' followed by two buttons: 'WEB' and 'MAXPRO CLOUD'. The 'MAXPRO CLOUD' button is highlighted in blue. Below these buttons, it says 'Connect panel through MAXPRO Cloud only'. A horizontal line separates this section from the next. The next section is for 'Server URL \*' with a 'RESET' link on the right. The URL entered is 'https://isom.mpa.mymaxprocloud.com/isom'. Another horizontal line follows. The next section is for 'IP Address type' with two buttons: 'STATIC' and 'DHCP'. The 'STATIC' button is highlighted in blue. Below this, there are three input fields: 'IP address \*' with the value '192.168.10.17', 'Subnet Mask \*' with the value '255.255.255.0', and a partially visible 'Gateway \*' field. At the bottom, there are two large buttons: 'CANCEL' (white with blue border) and 'SAVE' (solid blue).

5. Tap Setup Time to review / modify the time settings

**Set Time**



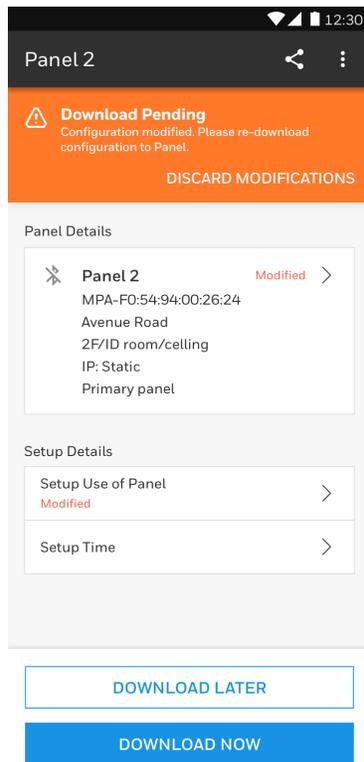
6. Tap SAVE when done, or CANCEL to discard any made changes

# Configuration status

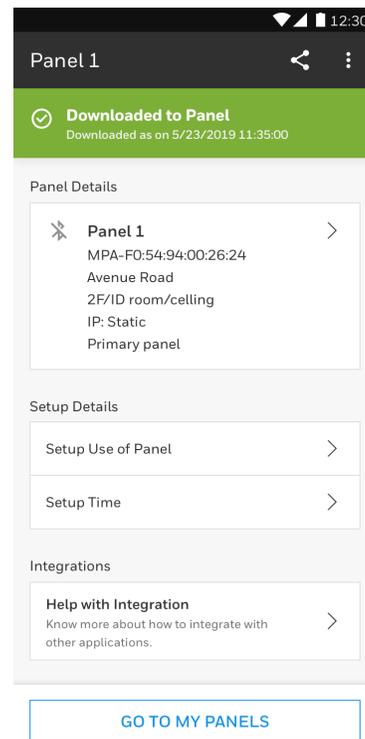
There are 3 statuses for a configuration which are displayed in MY PANELS menu.

1. Downloaded to the Panel: When a configuration has successfully been downloaded to the panel
2. Download Pending: A new configuration (DOWNLOAD LATER or download failed or cancelled) or a modified configuration has not been downloaded yet to the panel
3. Setup Incomplete: A configuration was done, but interrupted and not fully finished. Download cannot be selected, first the Configuration needs to be completed>

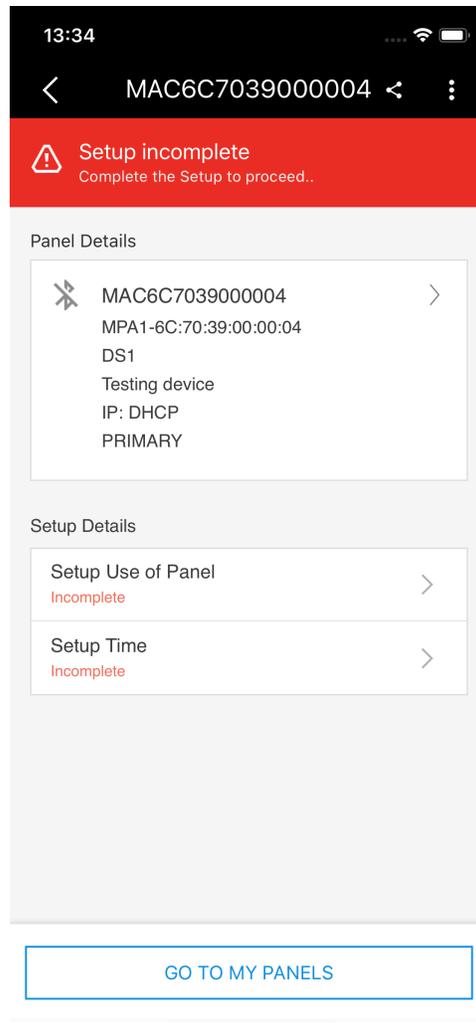
## Download Pending



## Downloaded to Panel



## Setup Incomplete

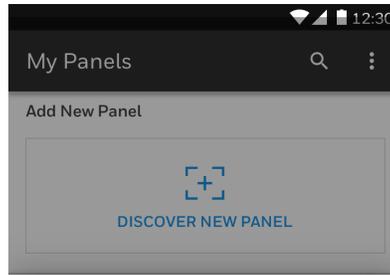


# Sharing Configuration

You can share your created configurations with eg; your colleague for reviewing and modifying settings.

1. Select in MY PANELS the configuration you want to share
2. Tap on the 3 dots on the right, select Share configuration
3. Enter a passphrase and share this separately to your recipient

## ***Password protect and Share***



### **Password Protect & Share**

MAC ID: F0:54:94:00:26:24

Password will be required to import this file in any other application or device.

Type Password \*

\*\*\*\*\*



Password must be atleast 10 charachers long

Re-type Password \*

1234567890

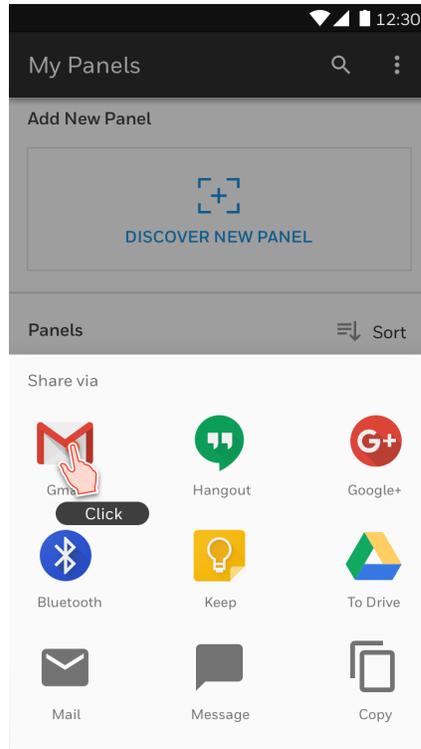


CANCEL

SHARE

4. Then select the communication channel of your choice (eg; email, Whatsapp) and send to the recipient

### Sharing Configuration



### Email

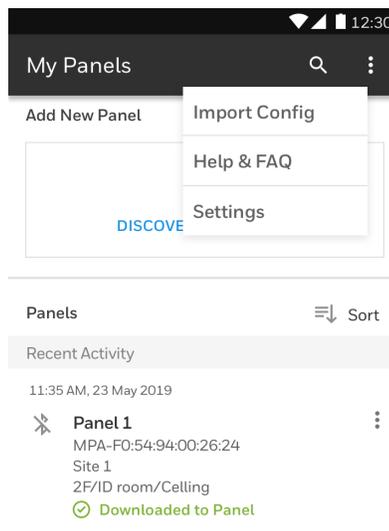


# Import Configuration

You have received a configuration for MPA1 via common communication channels. You have stored the file in a folder on your mobile device. You can review the configuration in the App.

1. In the MY PANELS screen tap on the 3 dots in the upper part of the menu bar and select Import Configuration.
2. Select the file that is stored in the folder. You will be asked to enter the passphrase. The file will be opened per the correct passphrase.

## *Import Configure*



## Why this App?

This App is to configure Honeywell Security devices, such as MPA1, for commissioning purposes.

Functions are:

1. Configure the device
2. Store the settings on the mobile device
3. Share the settings

## How to configure the device?

The following steps are included for configuration of the device:

1. Discover and connect to the device
2. Enter device details
3. Enter Mode of operation and Network settings
4. Enter time settings
5. Download settings to panel

## Where are the configurations stored?

The App stores to created configurations on your mobile device. Stored configurations can be:

1. Sorted in lists, per status (Downloaded, incomplete, pending), per site or date
2. Viewed / Edited
3. Removed
4. Downloaded again to the device

5. Shared with others or to WIN-PAK

## Why Sharing configurations?

The App can share configurations via normal media such as Whatsapp and email.

You can share a stored configuration to others (colleagues or helpdesk) to evaluate or troubleshoot the configuration.

The receiver can make edits and send the edited configuration back to the requestor.

The configuration cannot be used as template, the configuration is specific to a discovered device.

## What are the high level steps to scan and configure a new panel?

1. On the My Panels screen, tap on Discover new panel
2. Discover the panel With or Without Enclosure
3. Pair the panel with mobile: Turn on the Bluetooth of Mobile and Panel to pair.
4. Turn ON the camera to scan the QR code or manually you can enter the details of the panel
5. Enter the panel details
6. Setup the panel: Connect the panel through Web/WIN-PAK/MAXPRO CLOUD
7. Set the Time format and Time zone
8. Download the configuration

## How to scan a new device?

1. Pair the panel with Mobile
2. Turn ON the camera to scan the QR code or manually you can enter the details of the panel

## How to Setup Time Settings?

1. Go to My Panels screen
2. Tap on the required panel
3. Navigate to Setup Details and then tap Setup Time
4. Set the Time Format and Zone based on your location

## How to Setup Use of Panel?

1. Go to My Panels screen
2. Tap on the required Panel
3. Navigate to Setup Details and then tap on Setup Use of Panel
4. Modify or enter the required panel settings and configuration

## How to Setup Network?

1. Go to Panel Setup screen
2. Tap on the required panel options Web/WIN-PAK/MAXPRO Cloud
3. Perform the below steps for WIN-PAK panel
4. Tap on Direct Connection Type
5. Tap to Enable the Encryption and type the Port Number
6. Tap on Static IP Address type. Enter the Static IP Address, Subnet Mask and Gateway details
7. Tap on Save and Next

## How to share?

1. Go to My Panels screen
2. On the required panel, tap on the Contextual menu
3. Tap Share Configure the list of sharing options are displayed
4. Tap on e.g. Gmail, perform the onscreen instructions as explained in Compose screen



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# Honeywell

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**THE  
FUTURE  
IS  
WHAT  
WE  
MAKE IT**

Document 800-26531  
October 2020