

Madesafe/IOT Gateway User Manual

There are two product configurations on the Madesafe/IO gateway

1. Madesafe gateway – providing as the Madesafe alert receiver, listening to the BLE beacons send out by the personal locating device (PLD). The Madesafe gateways are typically installed in the hotel guest rooms with one device per room.
2. Madesafe/IO gateway – provide the Madesafe gateway functions and also serving as the room automation gateways using Zigbee wireless interface to manage the hotel guest room automation devices such as light switches, thermostats, etc. This device is typically setup in the guest rooms, one device per room.

External inputs and outputs

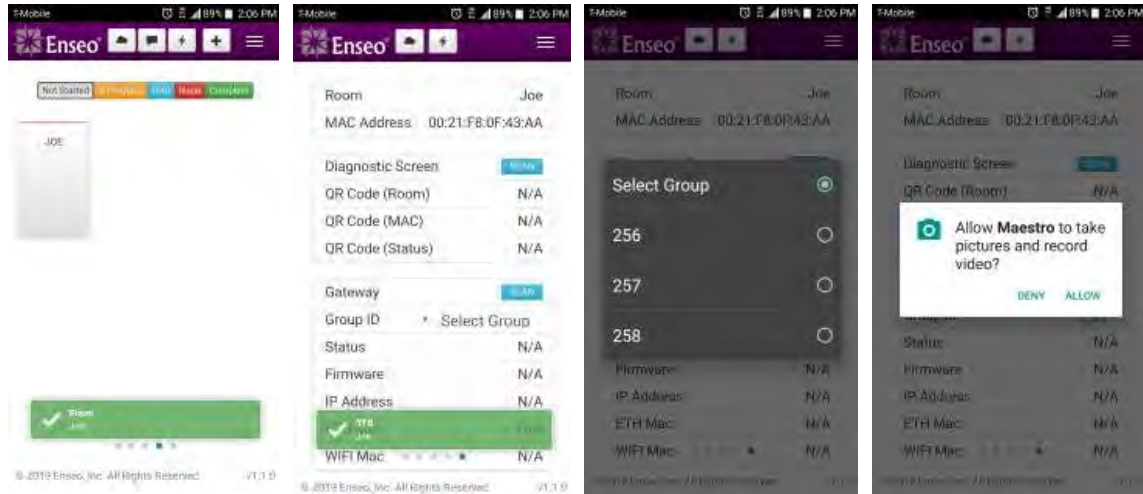
Description	Connector Type	Function
Power	Micro USB	Power input, 5VDC, 0.5Amp
Network	RJ45	10/100 network with Power Over Ethernet (PoE)
USB	USB Type B	USB interface used for configuration and firmware update

LED indicators

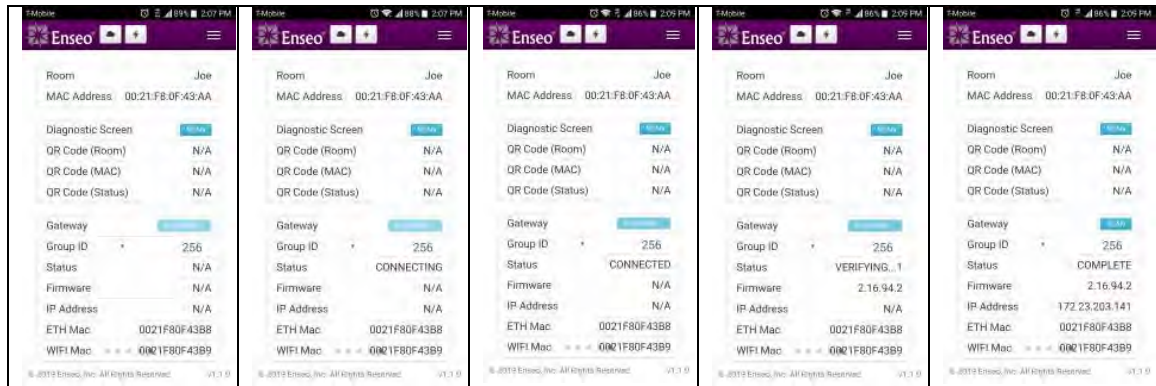
Green	LED	Blinks once every 8 seconds for normal operation status
Blue	LED	Illuminate when the device no longer connected to the network

Setup Procedure

1. Using the supplied mounting bracket to secure the gateway device on the wall. Avoid the locations where it is behind heavy furniture, refrigerator and safe.
2. Select the power options, direct 5VDC from an external power adapter or PoE power from the Ethernet interface.
3. Select the network options, WiFi or Ethernet. When WiFi is selected, it also means that the power will be coming from the 5VDC power adapter.
4. Apply power to the unit, and wait until both LEDs are illuminated.
5. This device can be set up with two options, USB content update or using the Enseo Maestro mobile phone application. For the USB content update, please contact Enseo to provide you the customized content update files to fit your application. The procedures below describe the setup method using the Enseo Maestro mobile application.
6. Open the Maestro application and select the location (room). The Maestro installation page for the location (room) will appear. Select the group number and allow the Maestro to take video and record video. The group number will be provided to you by the Enseo project manager.



7. Click on "SCAN" Gateway, and point the camera to the label on the back side of gateway device. The Maestro will read the QR code on the label and start the provisioning of device automatically. The status field will be changing from CONNECTING, CONNECTED, VERIFYING, to COMPLETE. If there are issues, the status field will indicate CONNECT_FAILED, but the Maestro application will automatically retry the provisioning process for 9 more times.

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8. Complete the capture of installation pictures for the gateway device as required by Maestro. The gateway device for the room will reflect on E3 SITE automatically after completing the steps above.

Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution:

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device is restricted for indoor use.

Professional installation is required

IMPORTANT NOTE:**FCC Radiation Exposure Statement:**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body