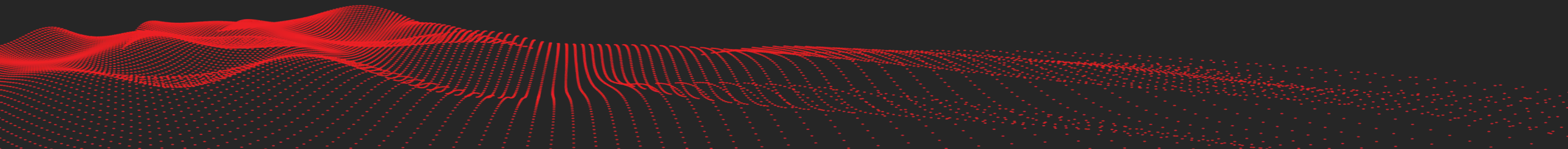**Honeywell** | Connected Life Safety Services

Fire Alarm Panel
Connecting to MORLEY IAS MAX & DxC

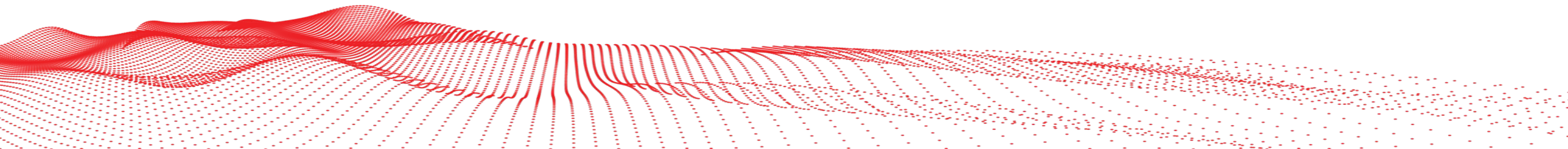# MORLEY-IAS Max & DxC- Step by Step

Engineering Connection Guide

- In this module you will be able to complete the following tasks:

  - Install Gateway to MORLEY Max & DxC Fire Panels
  - Install GSM Cell Module- (If Required)
  - Create a Customer in Site manager
  - Upload Device inventory to Site Manager
  - Connect Gateway to CLSS
  - Install Latest Firmware
  - Install CLSS Gateway onto a customer's Fire System.
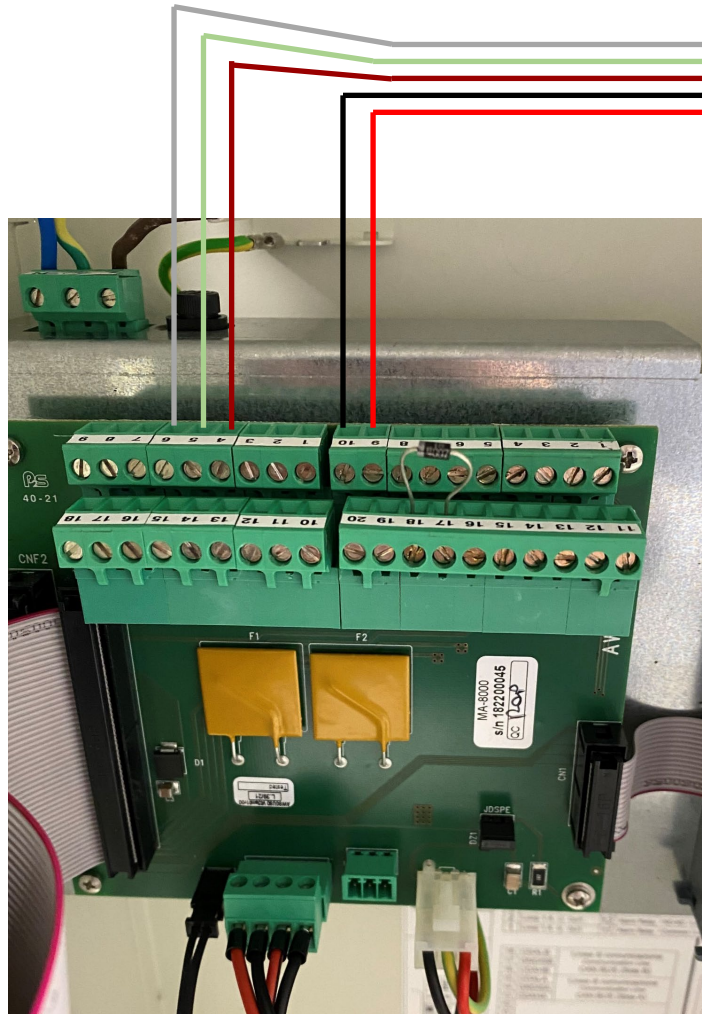 - Gateway now connected to CLSS.
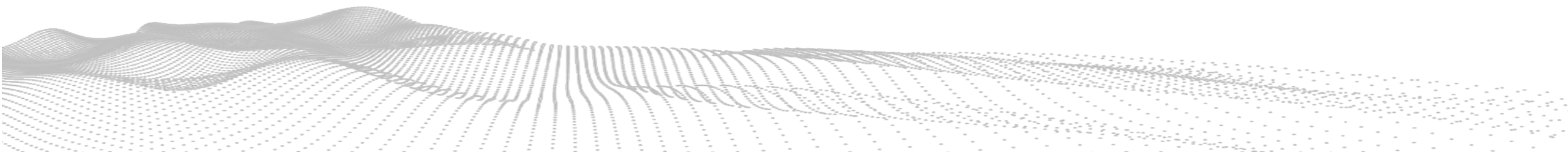
MORLEY-IAS Max & DxC

CLSS Installation Instructions

MORLEY-IAS Max

Morley Max Terminal Connections

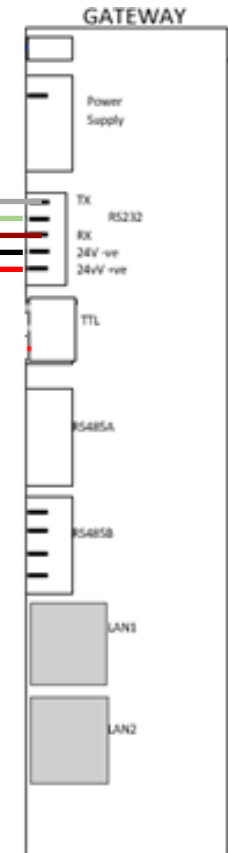Comms on CNS Terminal Card.

PIN 4 – TX PANEL
PIN 5 – 0v
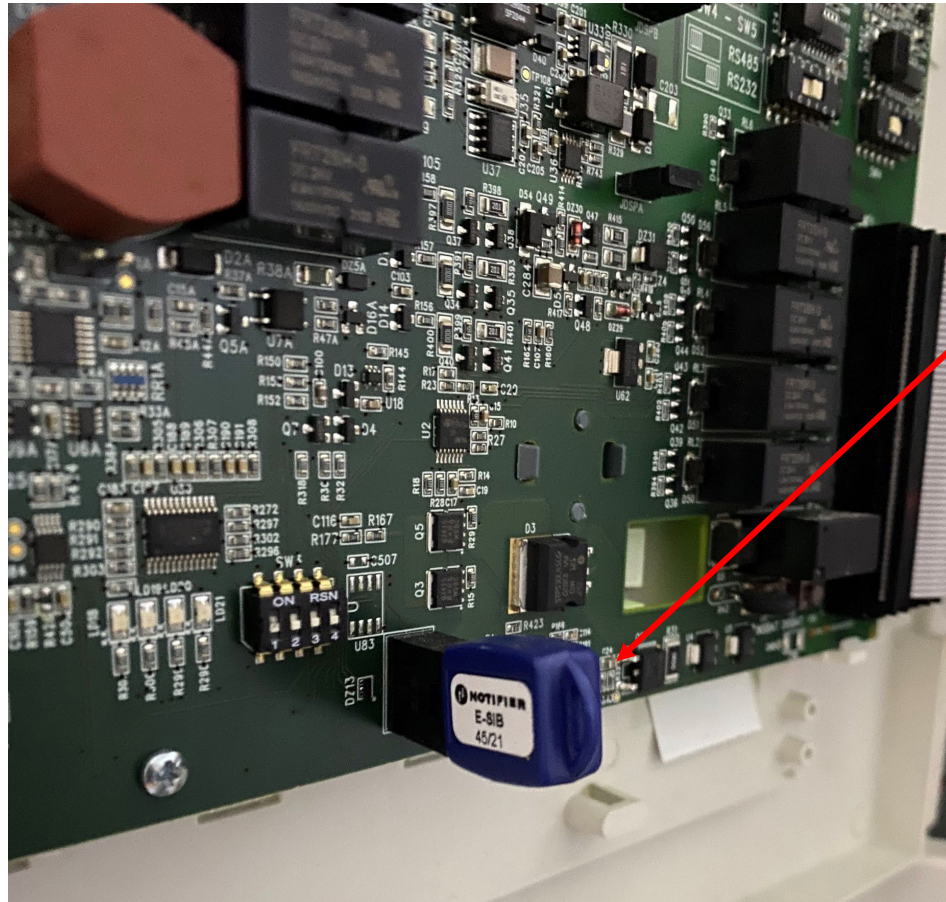PIN 6 – RX PANEL

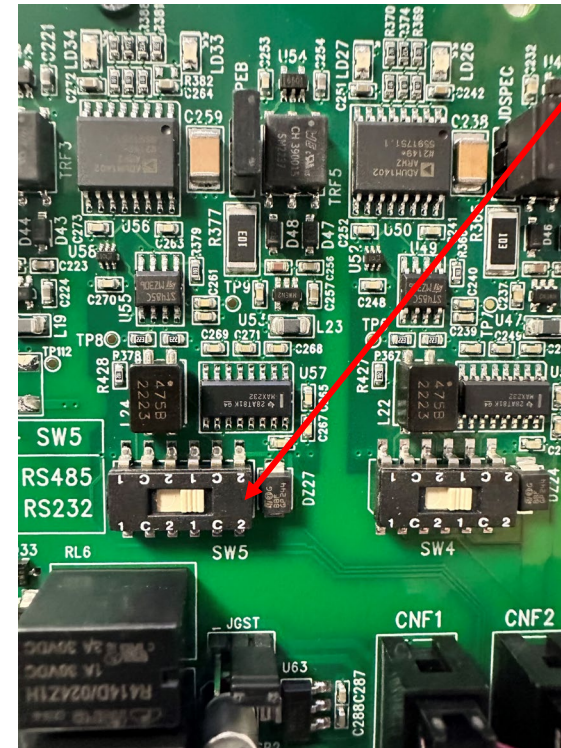Power on CNU Terminal Card

PIN 9- 24vdc
PIN 10 – Ovdc

You must ensure that the E-SIB is installed to activate the RS-232 option in the Morley-IAS Max panel.
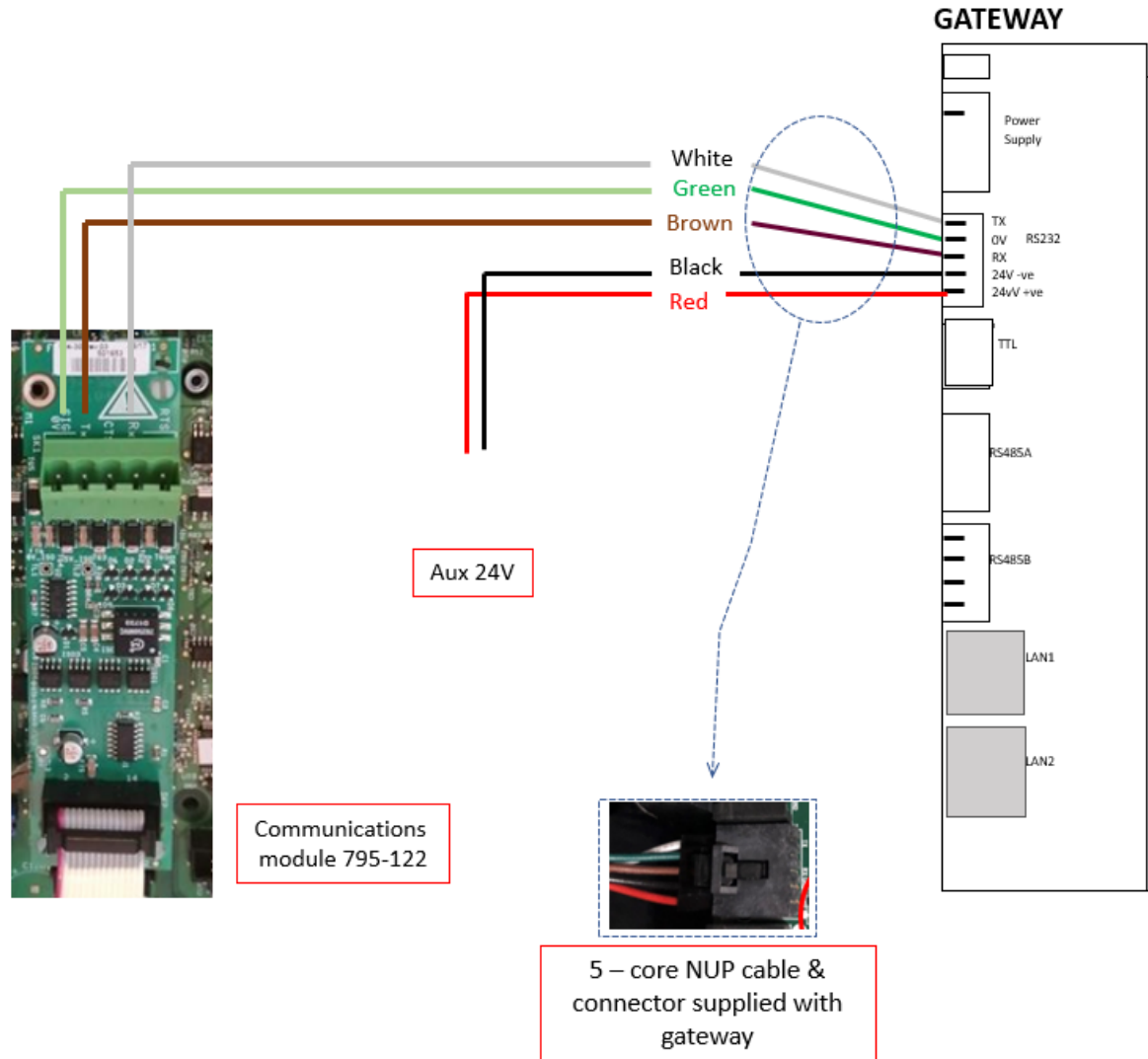
MORLEY-IAS Max

You must ensure that the E-SIB is installed to activate the RS-232 option in the Morley-IAS Max panel and SW5 must be switched to RS232 Configuration (switch to right position 1) to ensure correct comms protocol
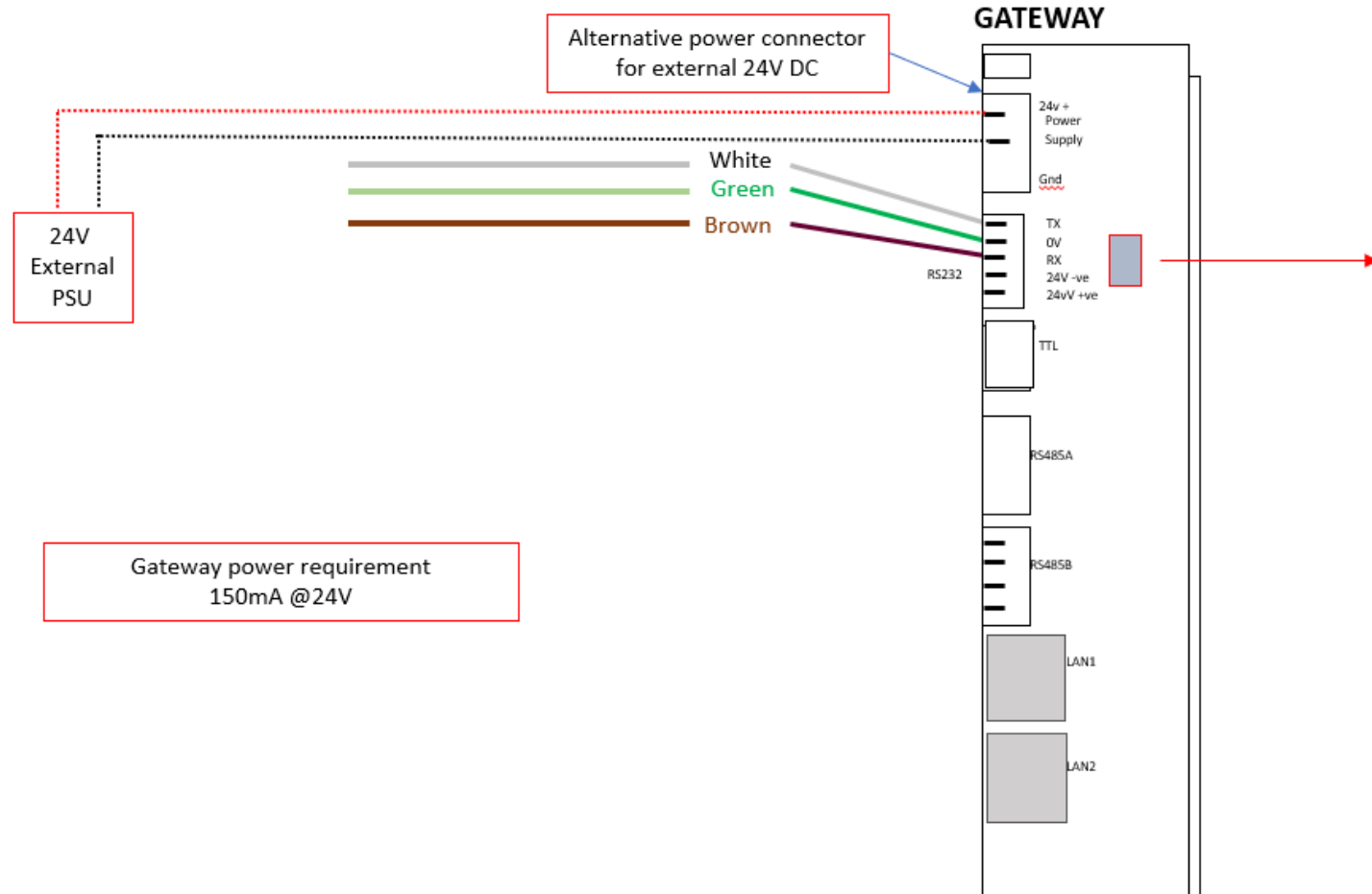
MORLEY-IAS DxC

GATEWAY

White
Green
Brown
Black
Red

Power Supply

TX
0V   RS232
RX
24V -ve
24vV +ve

TTL

RS485A

RS485B

LAN1

LAN2

Aux 24V

Communications module 795-122

5 – core NUP cable & connector supplied with gateway

Morley DxC Communication Settings

Communication settings

Baud Rate	9.6Kb/s
Comms Protocol	Printer

Gateway power requirement
150mA @24V

EXTERNAL PSU

GATEWAY

Alternative power connector for external 24V DC

24v +
Power
Supply

Gnd

White
Green
Brown

TX
0V
RX
24V -ve
24vV +ve

RS232

TTL

RS485A

RS485B

LAN1

LAN2

24V External PSU

Gateway power requirement
150mA @24V
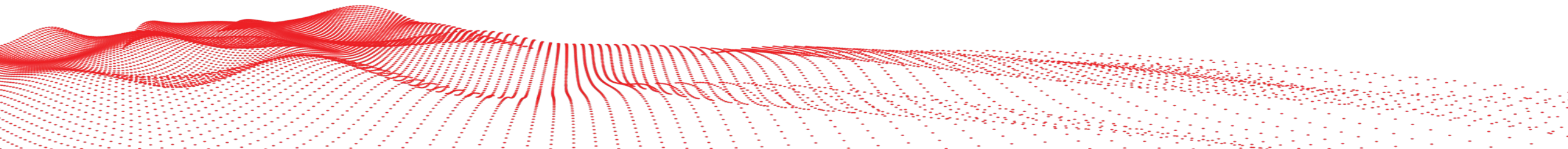
SLIDE

If external power is being used:
Slide switch S7 to "NUP_OUT" to isolate power connections on RS 232 connector

MORLEY-IAS Max & DxC

Installation of Optional GSM Cell Module
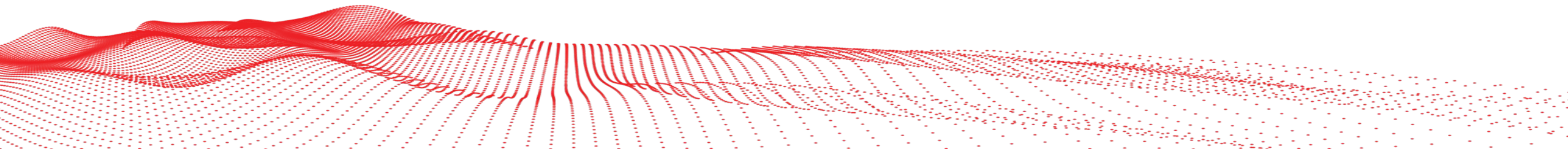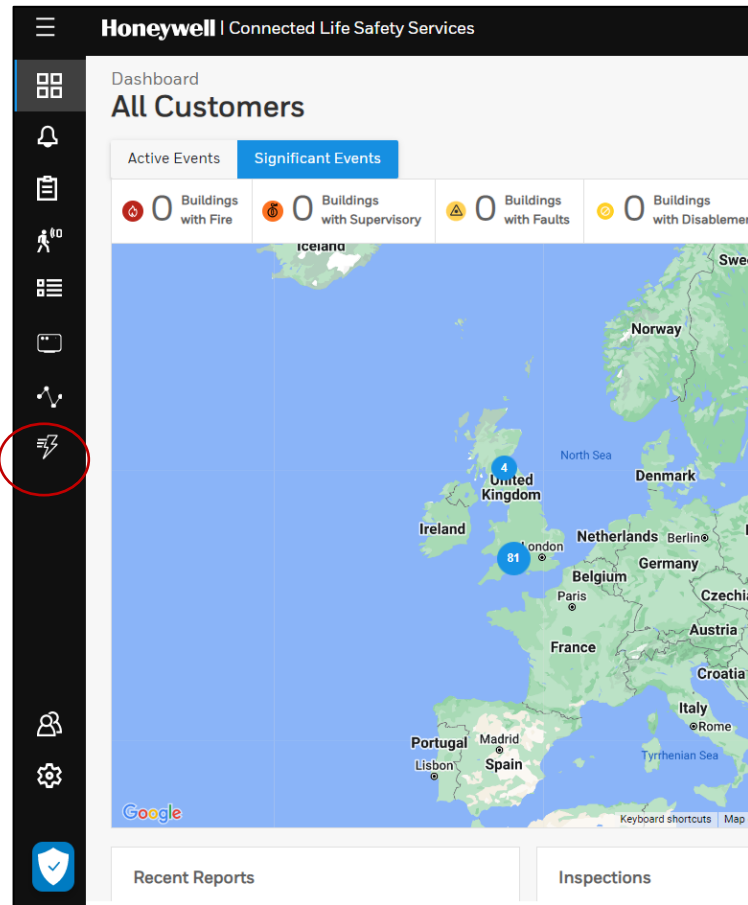
Optional GMS Cell Module

GSM Cell Module

Installation

Do Not Use This Screw

Plug In LTE Radio

Retention Strap
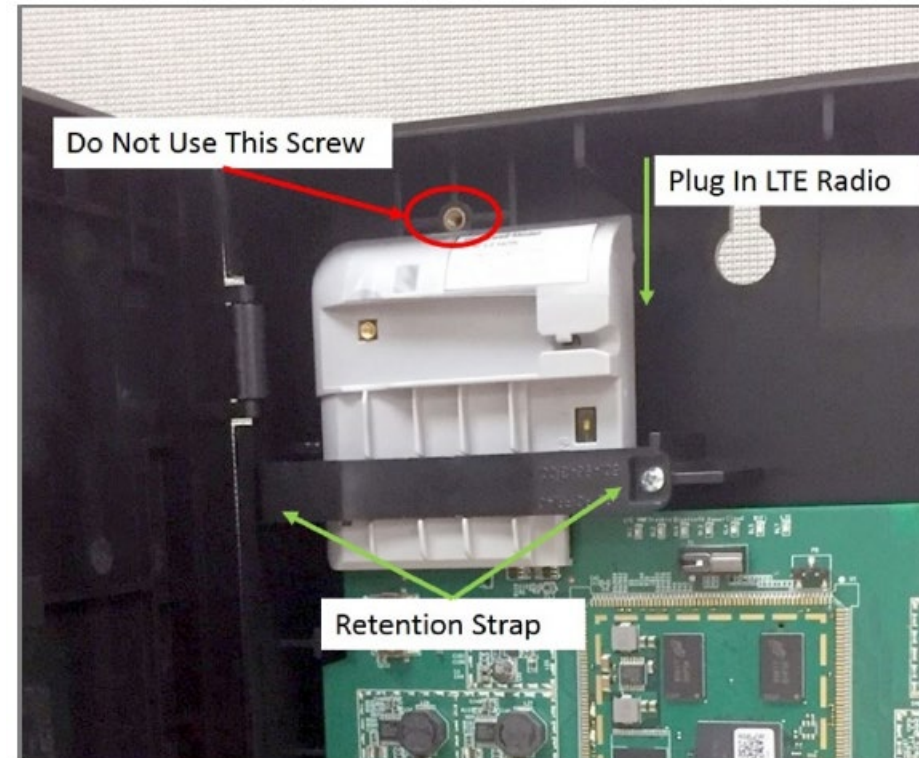
Installing the Cellular Module

MORLEY-IAS Max & DxC

Create Customer In Site Manager

Create the customer profile

From CLSS Site Manager Dashboard, select the quick menu function and then select Add Customer
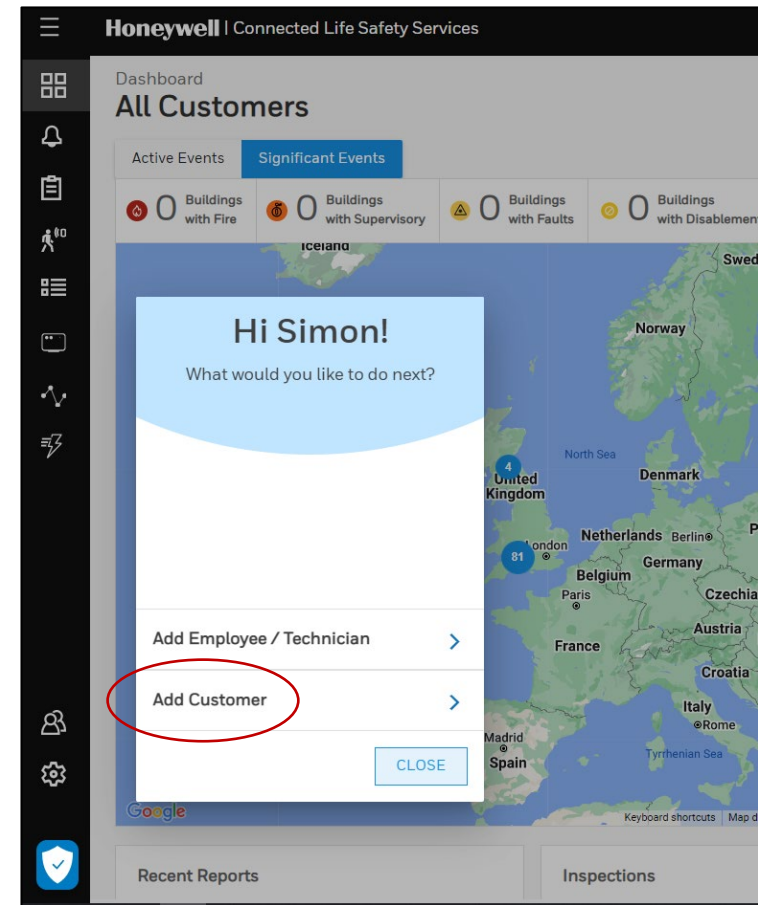
Create the Customer Profile

Complete the Highlighted area's of the form to create the Customer Profile on the CLSS Platform

Customer Profile Created

Once Customer details have been entered, Site and Building will automatically be created. These can be edited independently –

This profile will now be available to the Tech to commission the CLSS Gateway.

MORLEY-IAS Max & DxC

Import Device Configuration to Site Manager
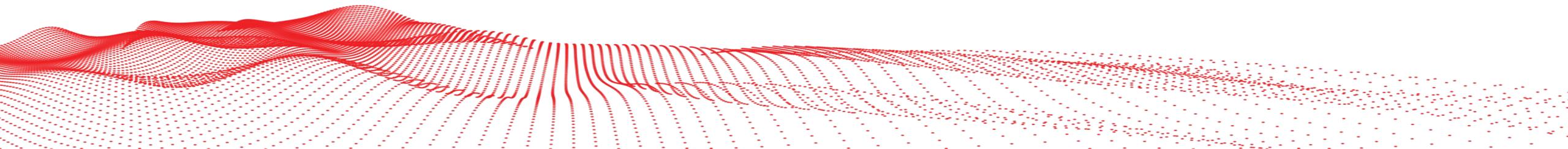
Import Device Configuration

On the PCB located to the door of the MORLEY Max Panel, ensure that SWITCH 1 is located in the ON position- This will enable the panel/network configuration BIN file to be imported to USB

Insert a USB drive into the USB socket located on the MORLEY MAX Door PCB. When inserted upload BIN file to the USB Drive. When complete, ensure SWITCH 1 is returned to the OFF position

Import Device Configuration

IN the MORLEY Max Configuration software, select the IMPORT icon
Locate the BIN file downloaded to the USB file and select the Bin File to Import Panel/Network Configuration

When imported, the Network summary and configuration will be available in the Morley Max Configuration software.

Import Device Configuration
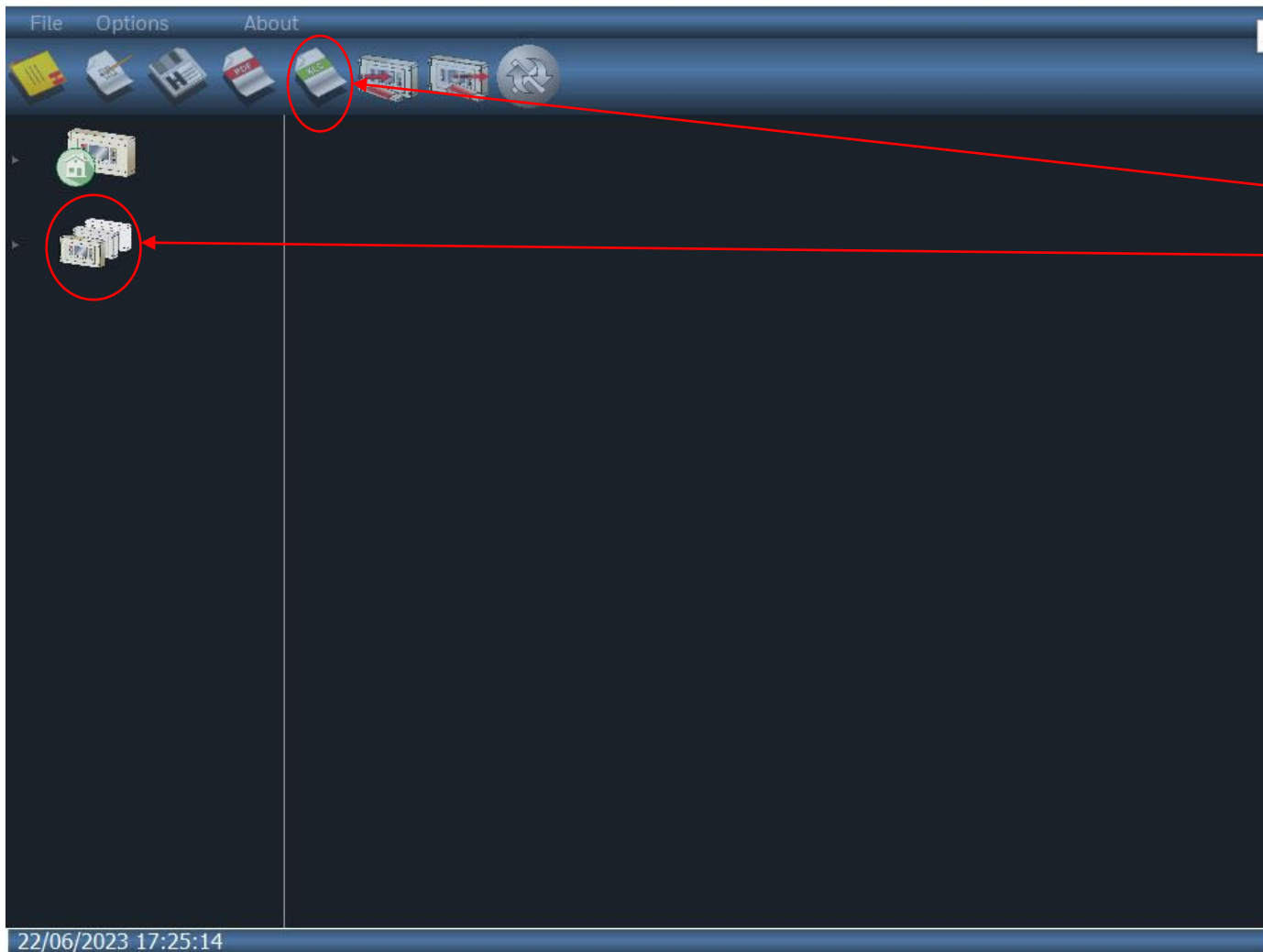
To export the configuration to a XML file ready for upload to CLSS, Select the panel or Network topology, and once selected, hit the CSV EXPORT button show.

Navigate to the required folder and save the Configuration. This will create multiple files in the folder which contain Panel Data, Zonal Data, Loop Data and a Panel XML File. This XML file contains all the data ready for import into CLSS

Import Device Configuration

1- Select the Devices Tab

2- Select the SITE that you want to import devices to

3- When SITE selected, APPLY

Import Device Configuration

Select the UPLOAD DEVICE LIST

Import Device Configuration

Select Panel Brand

Import Device Configuration

Upload Device List   ✕

Pearl with Agile & LSB Nov 2020.mdb   Remove

CANCEL   IMPORT
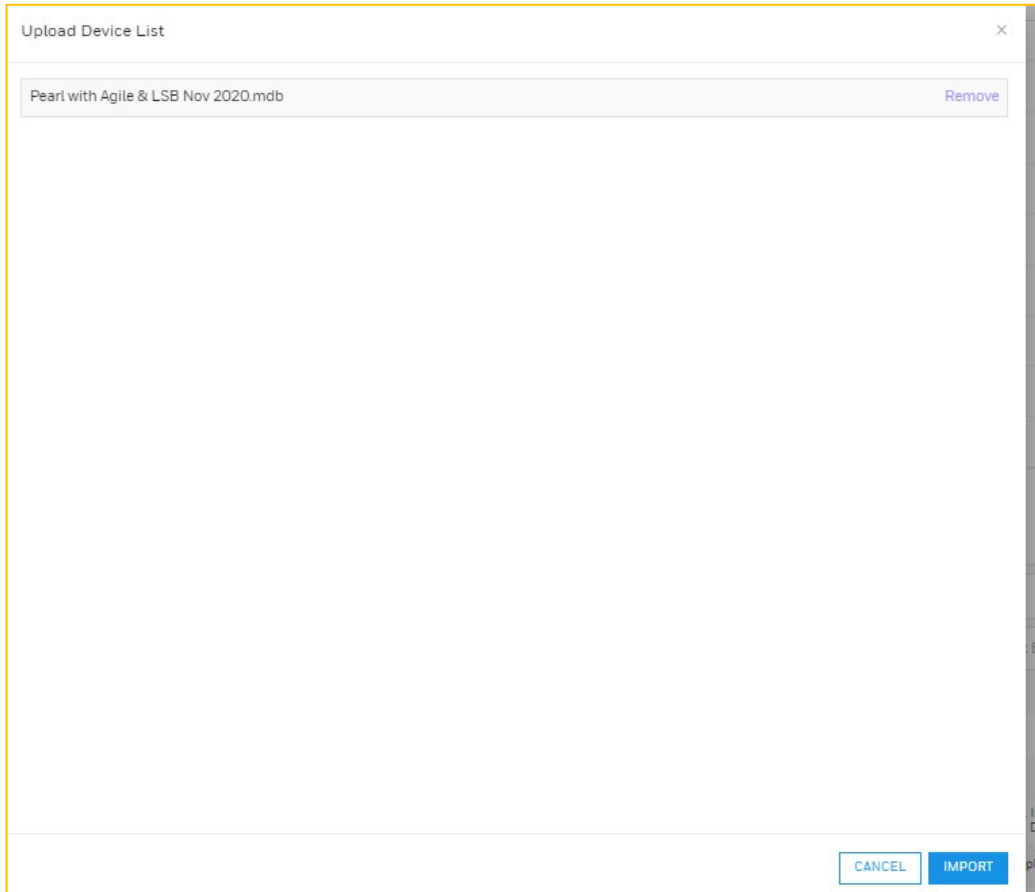
Select the correct Configurationn file and drag into the area highlighted

For Morley Max, select the XML File for the Network/Panel you are connecting too

Example of file below:

📄 MA2000-01Plant   ✓   20/06/2023 13:47   XML Document

For Morley DxC, a template of devices will need to be created and uploaded to CLSS.

For details regarding this, please contact:
Simon.adams@honeywell.com

Import Device Configuration

Upload Device List

Below are device details in the configuration file.
You can assign buildings to panels and upload the device list.

🔍 *Search for panel name or node number*

☑ PANELS	SELECT BUILDING TO ASSIGN

☑ **N001 | IQ8controlM**
2 Loops
SELECT BUILDING ▾

☑ **N002 | FlexEScontrol**
8 Loops
SELECT BUILDING ▾

☑ **N003 | IQ8controlM**
2 Loops
SELECT BUILDING ▾

Search building
None
XYZ – Building A
0 Total Devices
XYZ Building B
0 Total Devices
XYZ Building C
0 Total Devices

8 Panels selected | Clear

Once Configuration file is uploaded, you will be able to assign all panels to the building or if multiple buildings on the site, you will be able to assign panels to the individual buildings

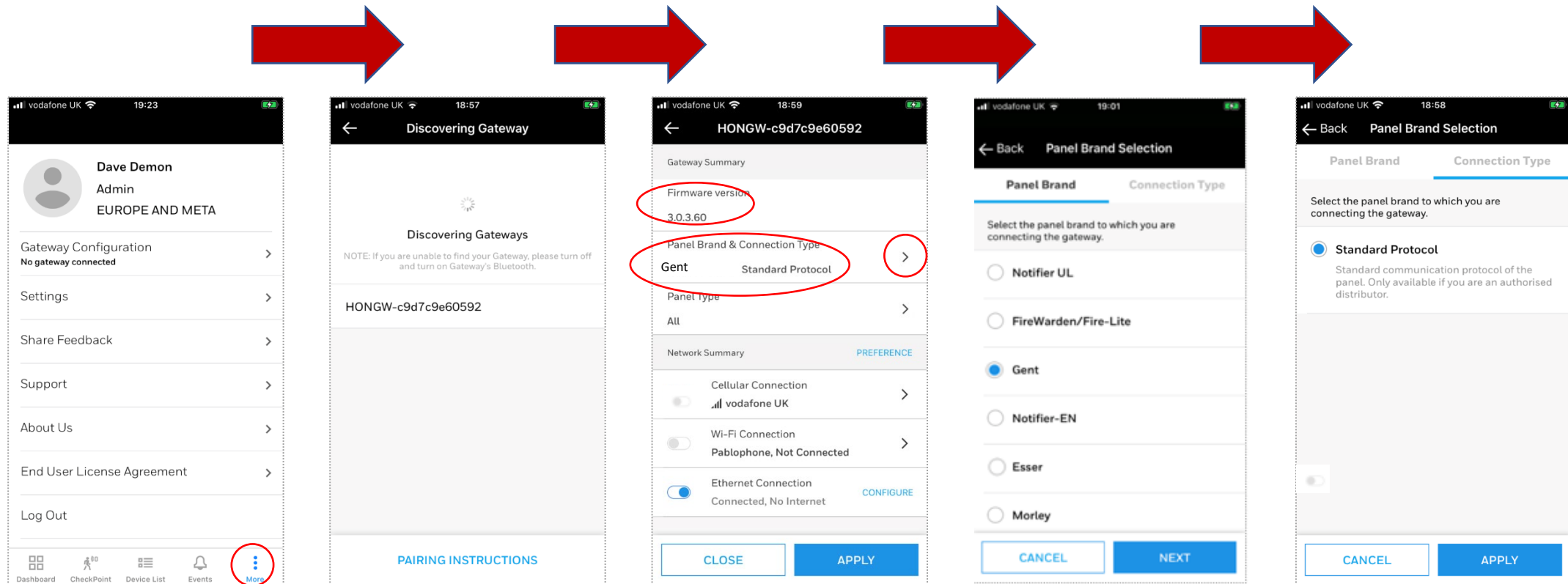# Import Device Configuration

Once Panels have been assigned to either the site or the buildings, the devices will be uploaded to CLSS and will be available in the mobile app ready for commissioning the Gateway to the panel.
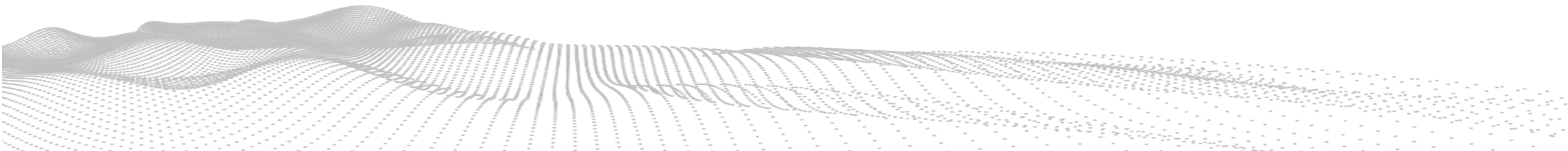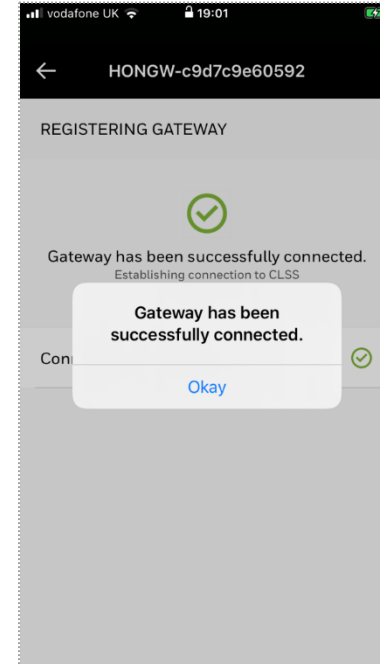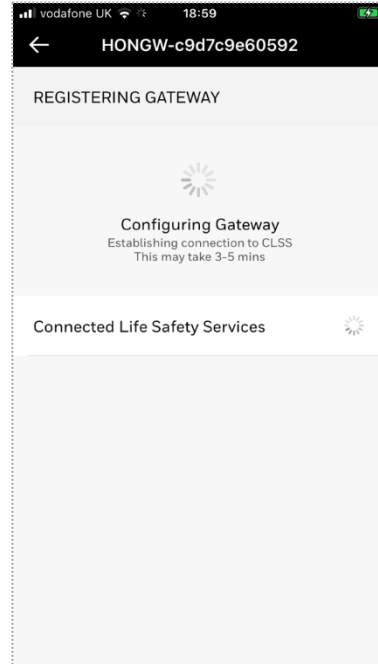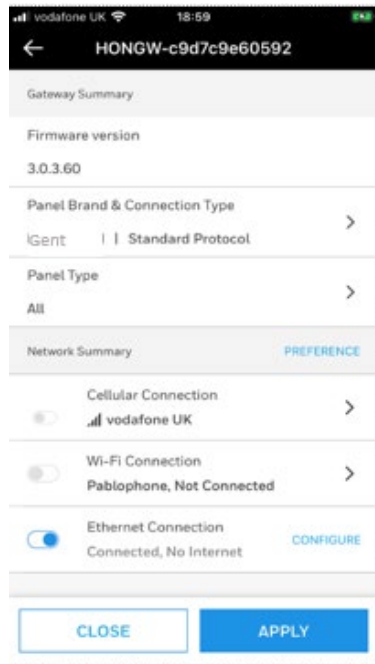
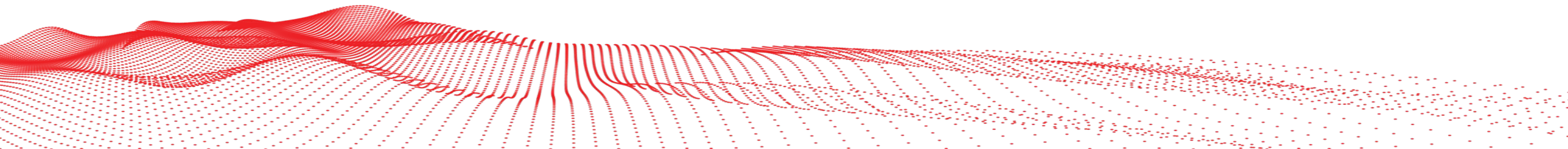# MORLEY-IAS Max & DxC

Connect Gateway to CLSS

Connect the Gateway to CLSS
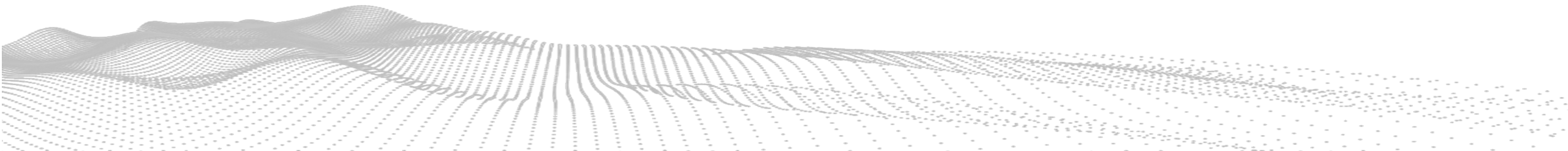
Connect the Gateway to CLSS

MORLEY-IAS Max & DxC

Update Gateway Firmware

Update the Gateway Firmware

Select Gateway Firmware Upgrade

Locate the OC Number of the gateway to be Upgraded or by Customer and Site Name – OC Number is Printed in Gateway on QR Code Label

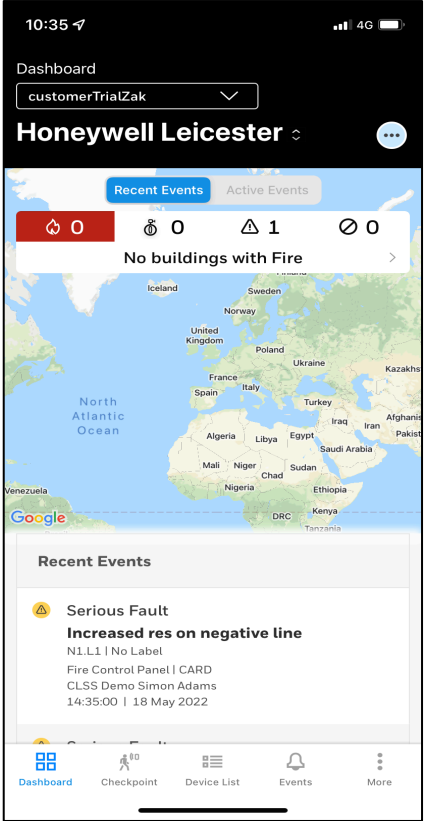Select Upgrade to ……… And follow instructions
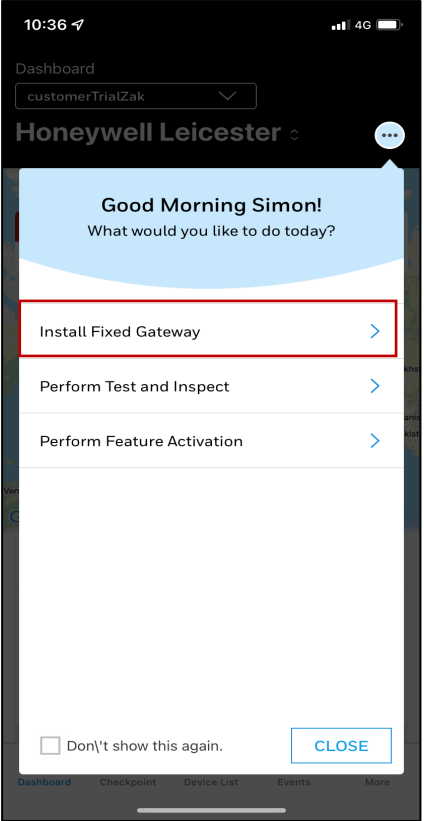
MORLEY-IAS Max & DxC
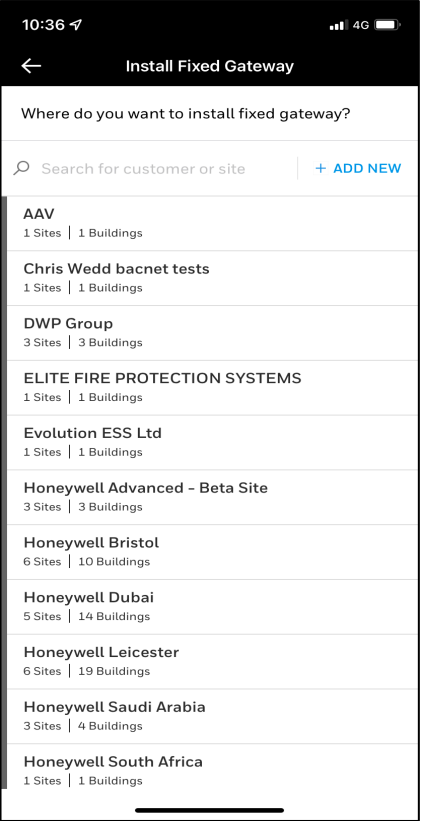
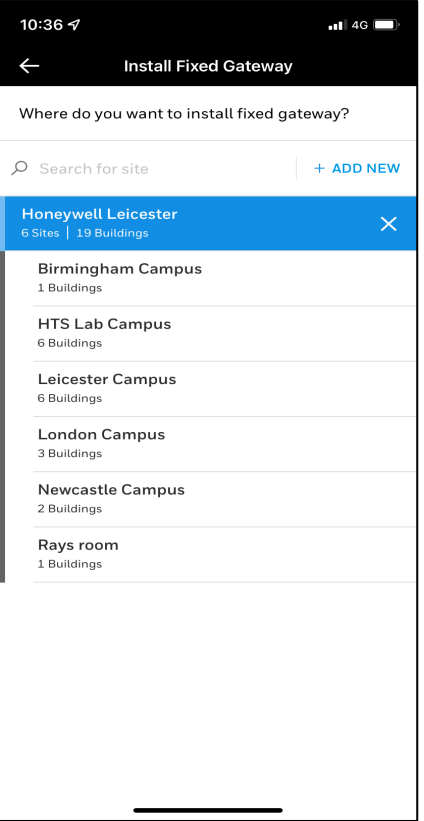## Assign Gateway to a Customer and Connect to CLSS
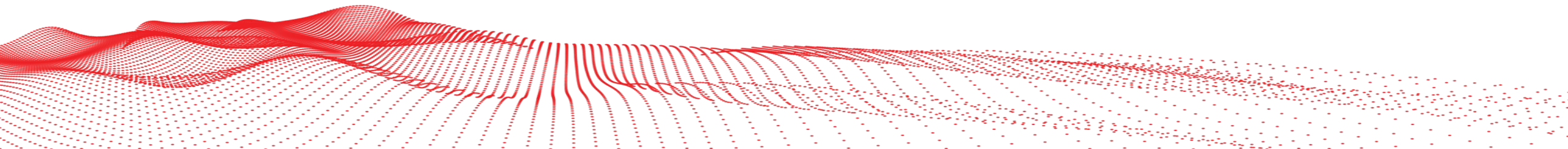
Assign the Gateway to a Customer

Select Blue Circle Icon

Select Install Fixed Gateway
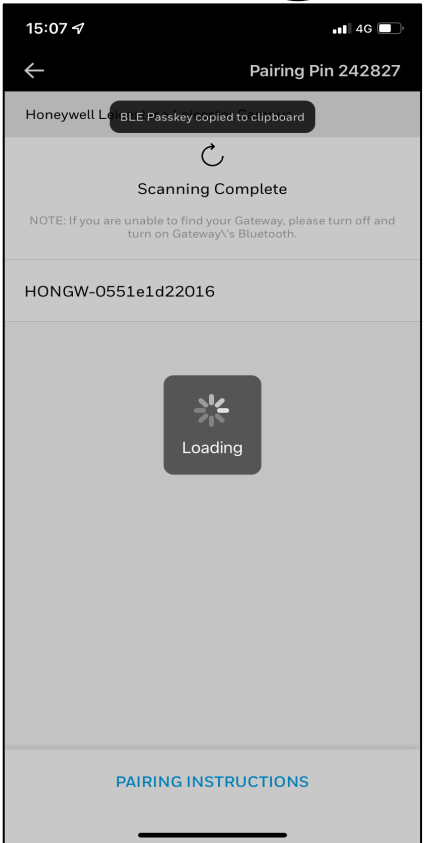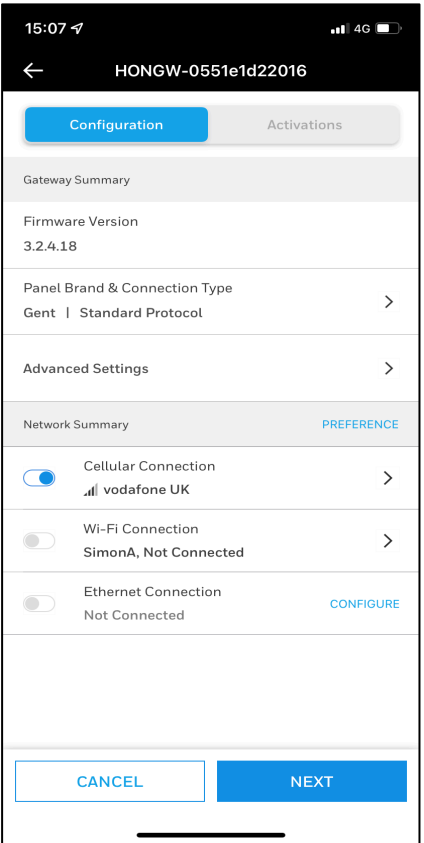

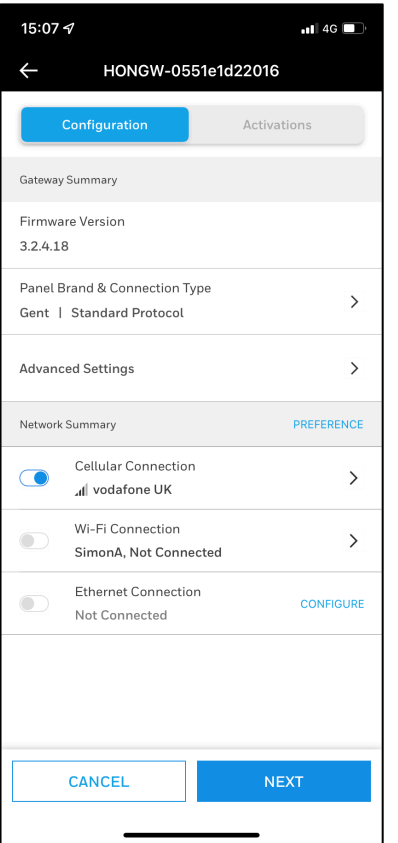**Select Customer**

Select Building
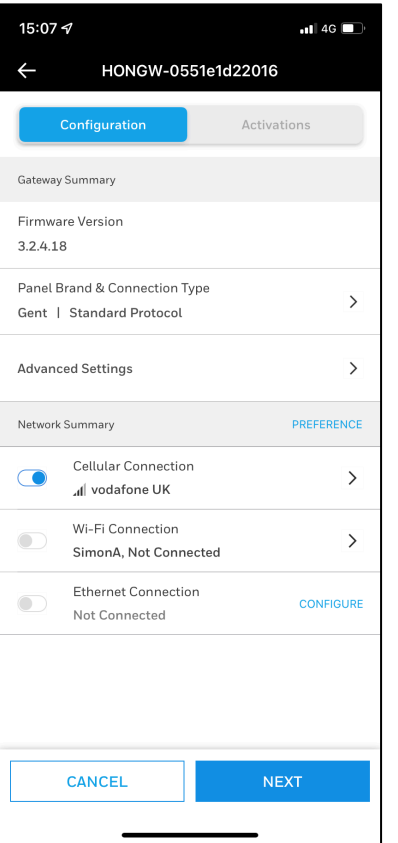
Assign the Gateway to a Customer

Select the Gateway Number and enter Pairing Pin if Required
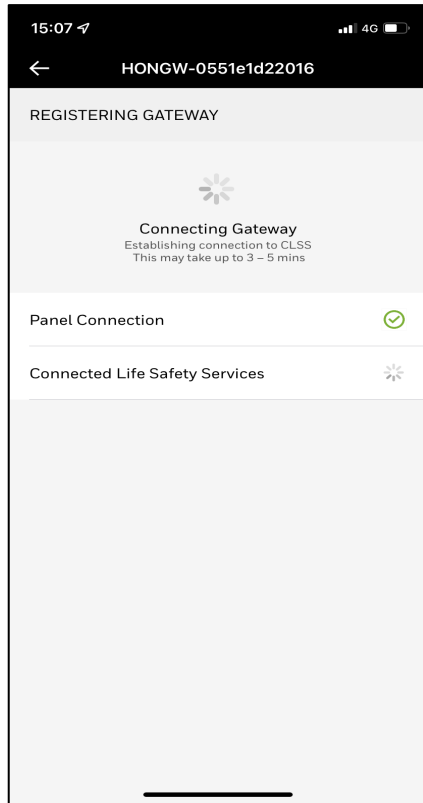
Select Panel Brand– MORLEY

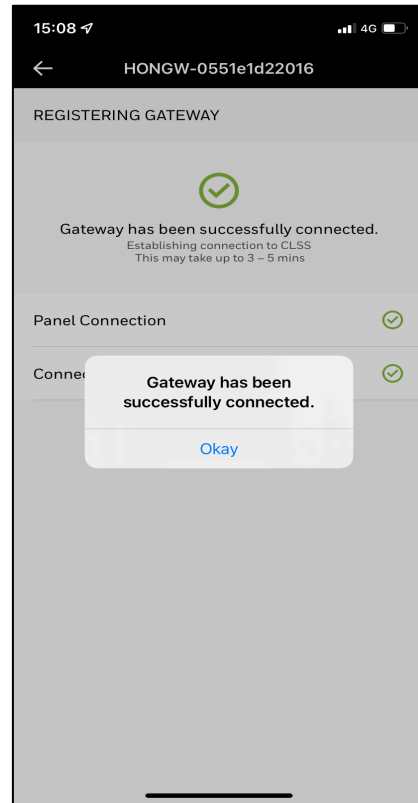**Select Connection Method-WIFI, LAN or GSM**
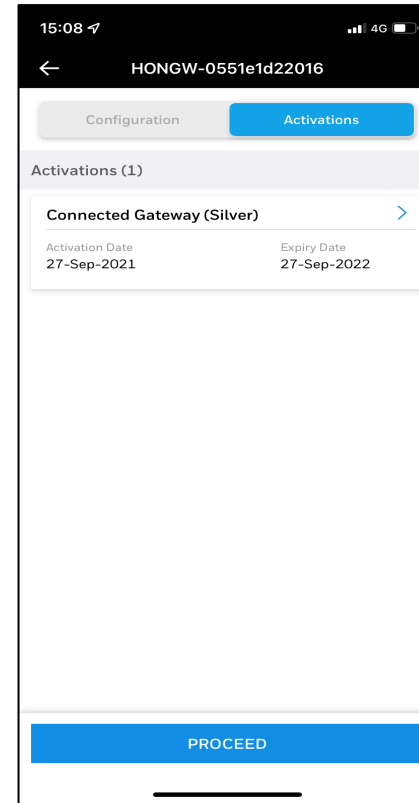
When Connection method completed– Select Next
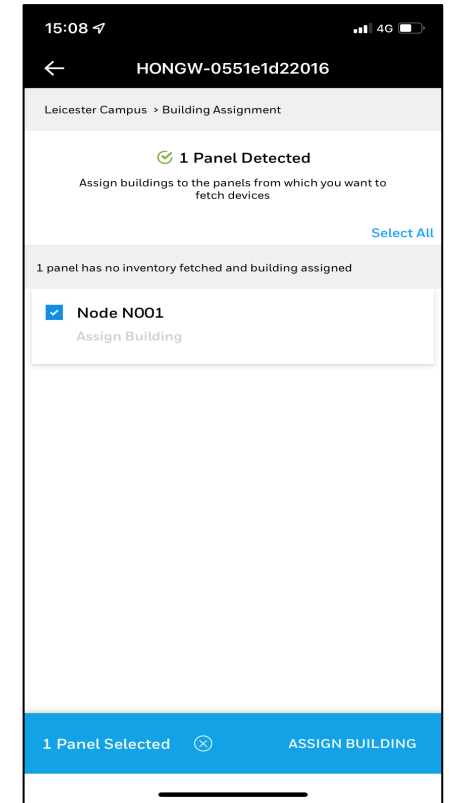
Assign the Gateway to a Customer

Gateway Registration–Looks at Panel Connections to ensure correct.
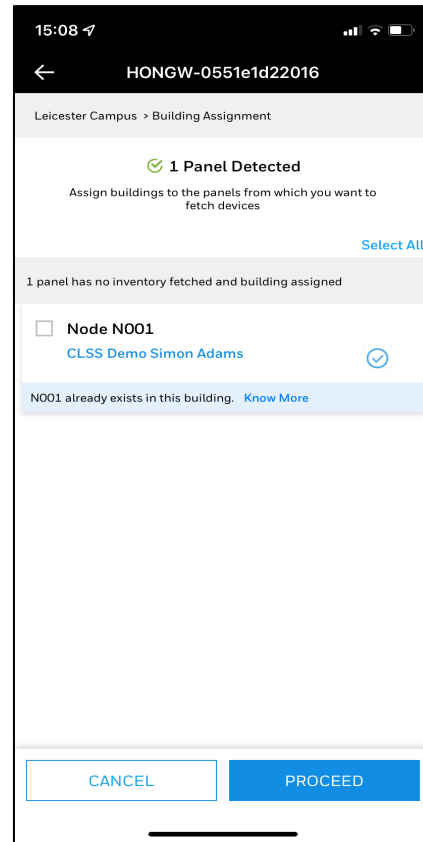
Connection To Panel and CLSS Successful

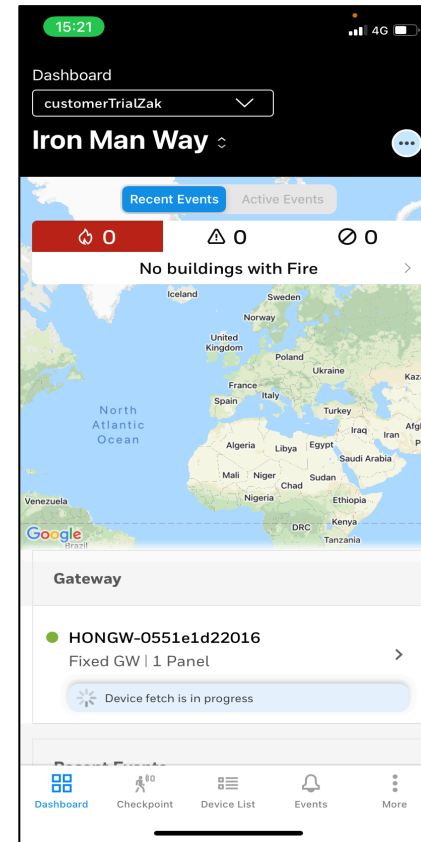**Proceed With Silver Gateway License**

Select All Required Nodes in Building

Assign the Gateway to a Customer

Identified Nodes on Network will be shown– Select all nodes and assign to Building

Gateway now connected to Panels and CLSS