

# Outline of Commissioning Process

- Instance Activation- Activate your instance, Update customer info etc.
- Configuration of inspeXtor Ips
- Discovery of Node Drivers- Auto discovery, Update pull schedule & Enable cluster Mapping.
- Configuration Templates and its Mapping.
- Control Clusters/individual Nodes
- Apply hardware Policy settings
- Create/ edit Lighting Policy.

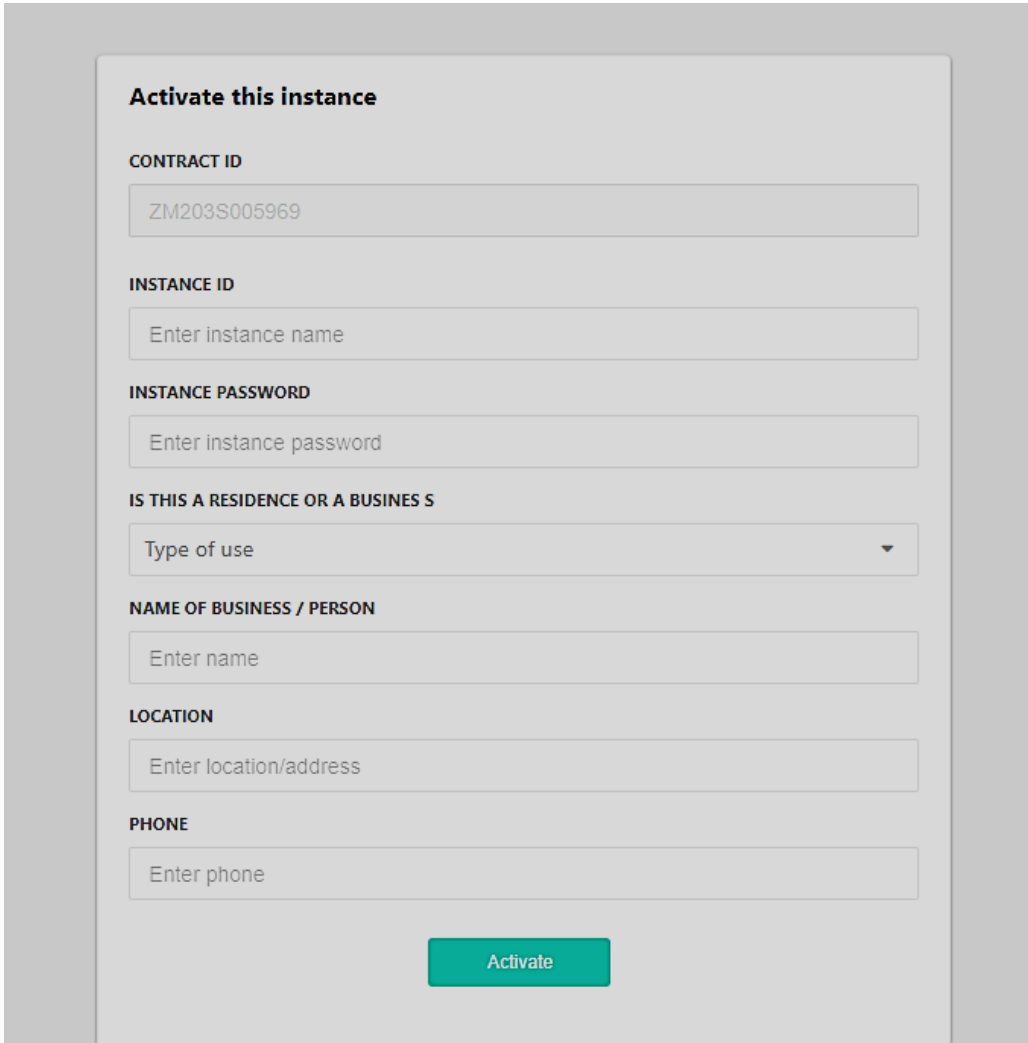
# Find out Local IP of inspeXtor

InspeXtor Obtained its IP address from DHCP server once connected to network

Or

We can statically assign IP address to inspeXtor server as per clients network requirements

# Instance Activation



The screenshot shows a web form titled "Activate this instance". It contains several input fields and a dropdown menu, all with placeholder text. The fields are arranged vertically. At the bottom of the form is a green "Activate" button.

**Activate this instance**

**CONTRACT ID**  
ZM203S005969

**INSTANCE ID**  
Enter instance name

**INSTANCE PASSWORD**  
Enter instance password

**IS THIS A RESIDENCE OR A BUSINESS**  
Type of use

**NAME OF BUSINESS / PERSON**  
Enter name

**LOCATION**  
Enter location/address

**PHONE**  
Enter phone

**Activate**

- To activate the instance, collect Instance ID and Password from MHT engineers.
- Select your Type of Use
- Update your Name/Business Name
- Update your address
- Update Your phone number and activate your instance
- After Instance activation, verify that all data and settings has been erased.

# InspeXtor Setting Page

INSPECTOR SETTINGS

### Network Settings

BROADCAST IP ADDRESS  
10.10.7.255

TFTP SERVER (IP ADDRESS)  
10.10.0.94 Apply

NTP SERVER (IP ADDRESS)  
10.10.0.94 Apply

LOCAL INSPECTOR (IP ADDRESS)  
10.10.0.94 Apply

Save All Apply All

### Debugging & Fixup Tools

NODE SERIAL NUMBER Delete Node

- Default Values will get displayed here.
- Enter your Broadcast/TFTP /NTP Ips according to your network
- Enter your local inspeXtor IP

# Auto discovery

Go to Management → Auto discovery

Input IP Range for Node drivers connected in network and Perform Auto discovery

Auto Discovery

START IP ADDRESS

10.10.0.1

STOP IP ADDRESS

10.10.0.254

APPLY MODE

Clear data

Start

Reload

Clear tag

Test State : COMPLETED

Last Update : 01-10-2023 06:41:48

Total units connected : 14

100%

SHOW 25 ENTRIES

SEARCH:

IPADDRESS	CONNECTED	DESCRIPTION	LASTUPDATE
10.10.0.121	Yes	Created tag(s) and sent to node and peripherals, SN: 15130	01-10-2023 06:40:44
10.10.0.101	Yes	Created tag(s) and sent to node and peripherals, SN: 15328	01-10-2023 06:40:36
10.10.0.100	Yes	Created tag(s) and sent to node and peripherals, SN: 19007	01-10-2023 06:40:36

Management

Instant Setup

Auto Discovery

Log

Debug Log

# Pull Schedule

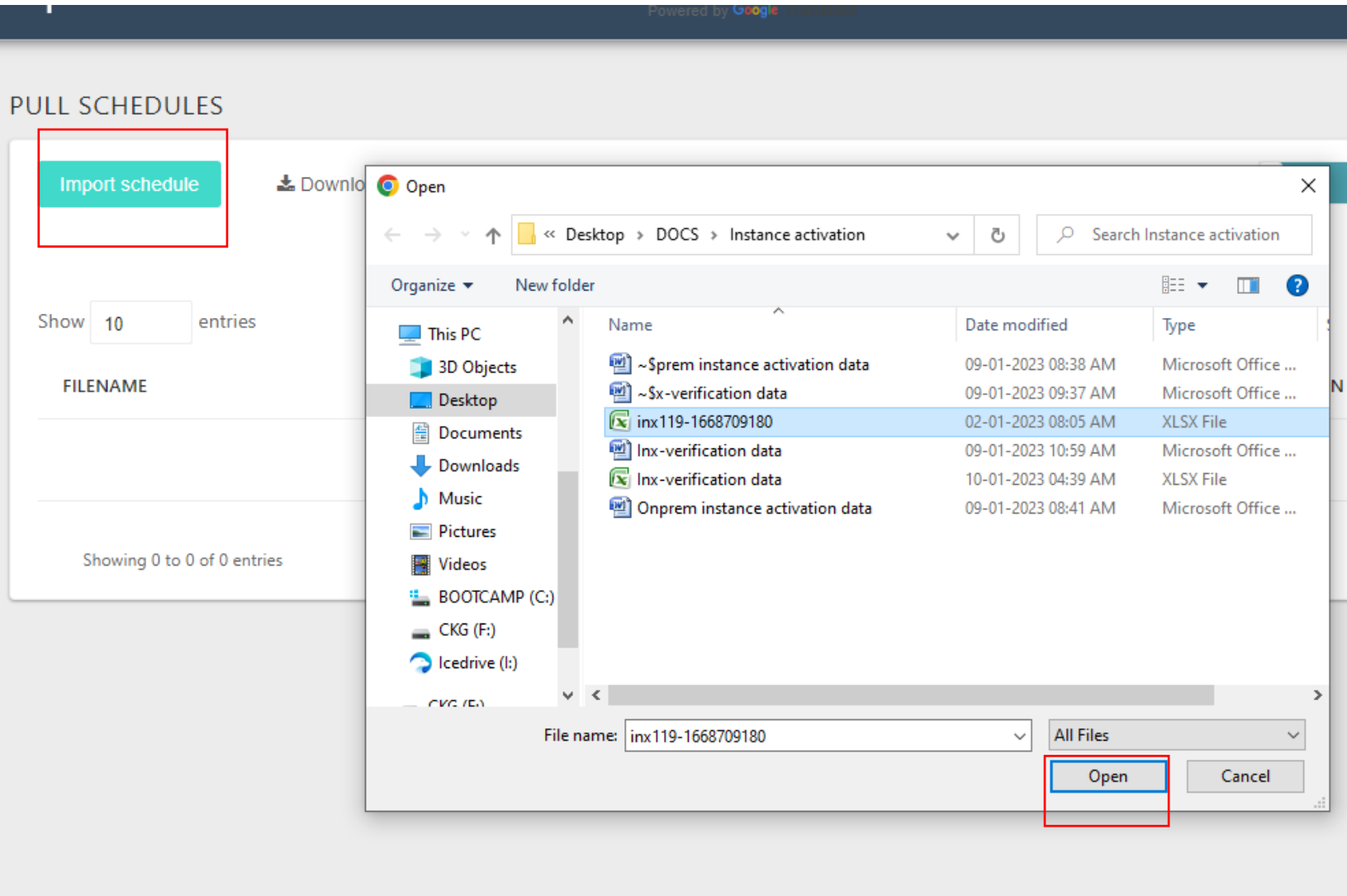


It is Map of all Node Drivers connected in POE network.



We can download Pull schedule Template from software

# Pull Schedule



- Upload Pull schedule File using Import schedule button
- Select pull schedule file from your local computer and click on open as shown in diagram

# Pull Schedule

Not secure | inx1.mhtlighting.com/inxs/pullSchedule.php

speXtor Your licens

Pull schedule upload

1 File Name : inx119-1668709180.xlsx .

2 Import Action Select One

Select One

Replace current mapping

Add to current mapping

3 Import Close

0 in Pull schedule

Import schedule Download Tem

Show 10 entries

FILENAME CREATED

No data available in table

Showing 0 to 0 of 0 entries

1. Pull schedule upload completed

2. Select from Import action dropdown: Replace/add

->Replace current mapping: to clear any active cluster in the instance and load data from uploaded pull schedule file.

->Add to current mapping: keep existing cluster and load data from uploaded pull schedule file.

3. Click import







# Pull Schedule

PULL SCHEDULES

[Import schedule](#) [Download Template](#) Lock Node Count ☐ OFF Cluster Mapping

14 Actual nodes / 0 in Pull schedule

Show  entries

FILENAME	CREATED	ACTION
inx119-1668709180-1673344337.xlsx	a few seconds ago	   

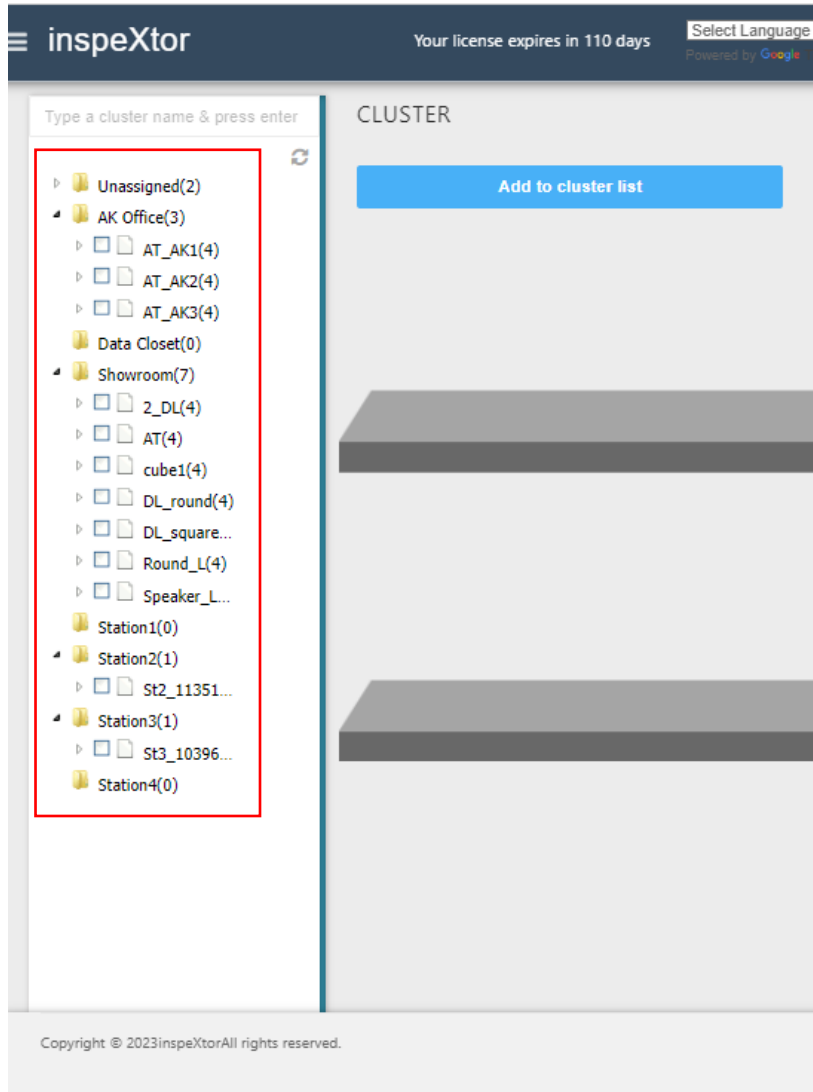
Showing 1 to 1 of 1 entries

click the eye icon to see Pull schedule data

After Pull schedule upload, it is important to enable cluster mapping.

After successful import file will be listed as below.  
Check file data is correct. ( click the eye icon)

# Verification of Clusters



1. Go to Cluster menu under commissioning.
2. Check all clusters are created and nodes are mapped under each cluster. (it takes 10 – 15 mts to show nodes in the cluster)
3. If nodes are not created properly, please contact support team

# Configuration Templates and Its Mapping

- Create a configuration template to configure Node parameters correctly
- Once configuration templates are created, map it to its corresponding cluster

**ITS VERY IMP TO APPLY ALL & SAVE ALL INSPEXTOR IPS THROUGH INSPEXTOR SETTING PAGE  
AFTER NODE CONFIGURATION MAPPING IS FINISHED.**

## Core Node Config Template

### Section1: Template Name

Template Name ?

Input Template name as per your naming convention.

### Section 2: Fixture Type and Rating

Fixture Type and Rating ?

TYPE  
CC ▼

POWER (W)

CURRENT (A)

VOLTAGE (V)

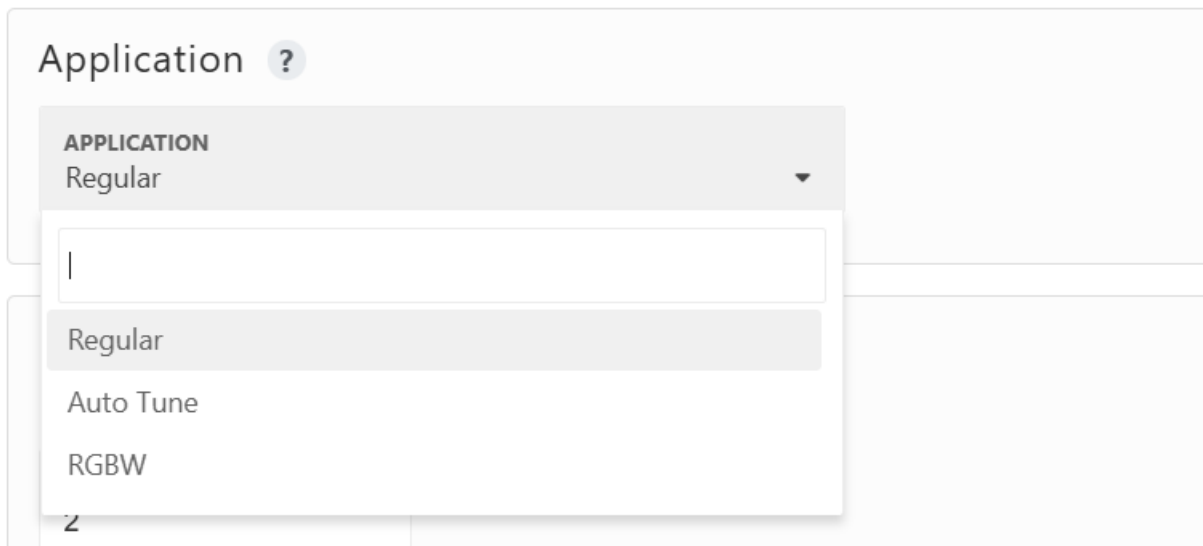
**Depending on the type of fixture you are using, select the appropriate option:**

- **CC:** Choose this if you are using a CC Node.
- **CV:** Choose this if you are using a CV Node.
- **Disabled:** Select this to disable the node's output channels. No outputs will be available when this option is chosen.

**Also input fixture parameter as per fixture specifications.**

Power, current and its Voltage.

## Section3: Application



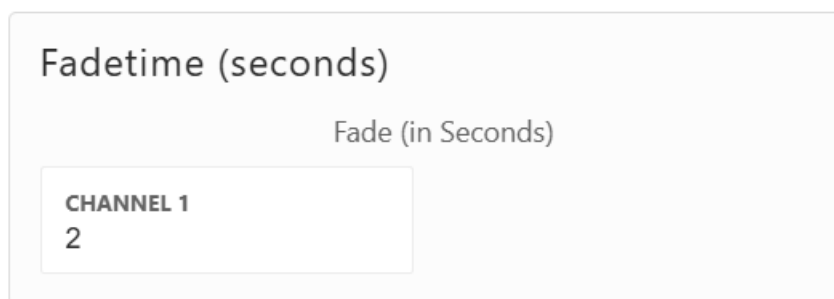
The screenshot shows a web interface for selecting an application. At the top, there is a label "Application" followed by a question mark icon. Below this is a dropdown menu. The dropdown is currently open, showing a search bar with a vertical cursor and three options: "Regular", "Auto Tune", and "RGBW". The "Regular" option is highlighted with a grey background. The dropdown menu has a grey header with the text "APPLICATION" and "Regular".

### Application Selection:

Choose the appropriate application based on how the node will be used:

- **Regular:** Select this option when using CC or CV fixtures.
- **Auto Tune:** Use this option for color-tunable fixtures. These fixtures have two pairs:
  - **Warm Pair (3000K)**
  - **Cool Pair (5000K)**
- **RGBW:** select this option when using RGBW fixture.

## Section4: Feature



The screenshot shows a web interface for setting the fade time. The label "Fadetime (seconds)" is at the top. Below it is a text input field with the placeholder text "Fade (in Seconds)". The input field is currently empty. Below the input field is a label "CHANNEL 1" and a value "2".

- **Fade (in seconds):**

Defines how smoothly fixtures transition between states.

Based on the value entered, the output fixtures will fade over the specified time instead of switching instantly.

## Section5: Input

Input Connected ?

Disable ☒

Motion Sensor ☐

Wall Switch ☐

Light Harvesting ☐

- **Disable:**

- Select this option if no motion sensor is connected to the node.

- **Motion Policy:**

- Enable this option if a motion sensor is connected to the node.

- **Logical Occupancy:**

- Use this option when multiple nodes and multiple sensors are grouped together.
- Ensures that if one sensor detects vacancy while another detects occupancy, the entire group remains in the occupied state.
- This prevents lights from shutting off when a person is standing in a corner that only one sensor covers.

- **Occupied Delay (e.g., 0 sec):**



- Defines how quickly the node changes to Occupied after the sensor is triggered.
  - Example: 0 sec → status changes immediately.
- **Vacant Delay (e.g., 60 sec):**
  - Defines how long the node waits before switching from Occupied to Vacant after the sensor reports vacancy.
  - Example: 60 sec → lights turn off 60 seconds after vacancy is detected.
- **Wall switch**
  - Enable this option if a wall switch is connected to the node.
- **Light Harvesting**
  - Enable this option if daylight sensor is connected to core node.
  - Also, this option will let you input timeout period. Specify timeout period as per your choice. If you input 30 minutes as example. It will disable daylight harvesting for 30 mins.

# Control cluster / individual Node

The screenshot shows the 'inspeXtor' remote control interface. At the top, there's a header with the 'inspeXtor' logo, a license expiration notice ('Your license expires in 135 days'), a language selector, and a 'Powered by Google Assistant' badge. The main area is titled 'REMOTE CONTROL'. It features a 'Please select a target' section with two dropdown menus: 'Cluster' (annotated with 'Select Cluster which you want to control') and 'Select' (annotated with 'Select Node which you want to control'). The 'Cluster' dropdown is currently set to 'AK Office(3)'. Below this, a section titled 'Please select from the following commands' contains buttons for 'Light ON', 'Light OFF', 'Scene 1', 'Scene 2', and 'Scene 3'. There are also two sliders: 'Select Dim Level' (annotated with 'Select Dim level using Dim Level Bar') and 'Select Color Level' (annotated with 'We can Control Color level of the fixture if Node is configured for Autotune'). The 'Select Dim Level' slider is set to 66, and the 'Select Color Level' slider is set to 4032.

inspeXtor

Your license expires in 135 days

Select Language

Powered by Google Assistant

REMOTE CONTROL

Please select a target

Select Cluster which you want to control

Cluster

AK Office(3)

Select

Select Node which you want to control

Please select from the following commands

Light ON

Light OFF

Select Dim Level

66

Select Dim level using Dim Level Bar

Scene 1

Scene 2

Scene 3

Select Color Level

4032

We can Control Color level of the fixture if Node is configured for Autotune



# Hardware setting page

How to apply Motion policy to individual Node/ Node Cluster

The screenshot shows the 'inspeXtor' web interface. The main header includes the logo, a license expiration notice ('Your license expires in 135 days'), a language selector, and user icons. The left sidebar contains navigation links: Home, Dashboard, Controls, Settings (highlighted with a red box), Hardware (highlighted with a red box), and Parameters (highlighted with a red box). The main content area is titled 'HARDWARE POLICY SETTING' and features filters for 'All', 'All Clusters', 'All Fixtures', and 'All Hardware'. A table with columns 'TARGET' and 'ACTION' is visible, showing 'All devices in AK Office'. A modal window titled 'HARDWARE POLICY SETTING' is open, asking 'Which Cluster or Fixture you want to apply this policy to?' with a dropdown menu showing 'AK Office(3)' (highlighted with a red box). Below this, it asks 'Which hardware you want to configure?' with a dropdown menu showing 'OC sensor' (highlighted with a red box). The modal contains four sliders: 'What dim level would you like when hardware is triggered?' (set to 100), 'How long should this event last (in mnt) ?' (set to 5), 'What dim level should the Fixture go to after the duration is finished ?' (set to 0), and 'What Color would you like the fixture to go to when this event is active "if Applicable" ?' (set to 5000). A 'Lock Settings' button is at the bottom. Red arrows point from the annotations to the 'AK Office(3)' dropdown, the 'OC sensor' dropdown, and the 'What Color' slider.

If Node is autotune configured, you can also specify color level in motion policy

So when sensor will trigger- it will turn on the lights to 100% with selected color level

This will apply motion policy to AK office Cluster

Once sensor is triggered- it will turn on lights to 100% with 5000K color and event will last 5 mins and then it will shut down to 0%

# Hardware setting page

How to apply Scene buttons policies using hardware setting page

HARDWARE POLICY SETTING

Which Cluster or Fixture you want to apply this policy to?

Cluster

\* AK Office(3)

Select

Which hardware you want to configure ?

Scene1 Button

What dim level would you like when hardware is triggered ?

75

How long should this event last (in mnt) ?

1440

What dim level should the Fixture go to after the duration is finished ?

75

What Color would you like the fixture to go to when this event is active "if Applicable " ?

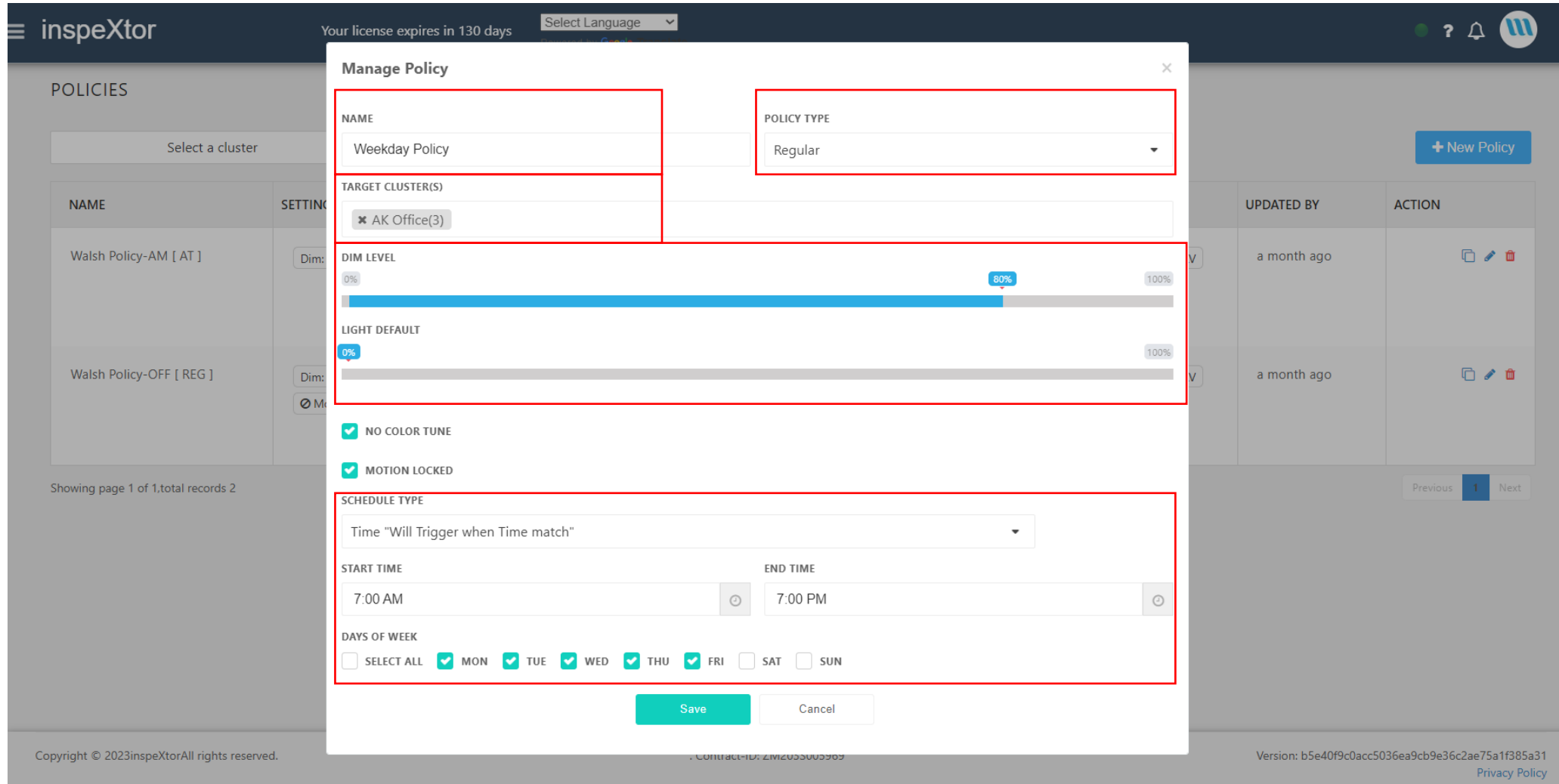
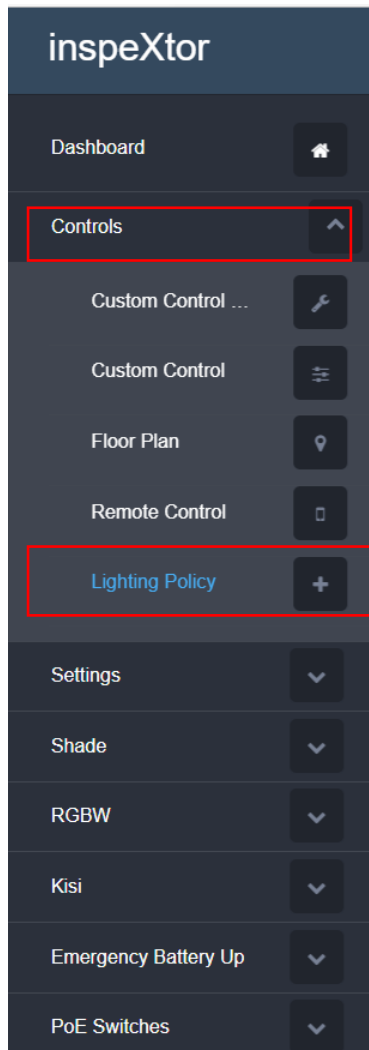
3000

Lock Settings

# Lighting Policy

[Refer to Wiki Link for more details : Lighting Policy · AK-Khalis/mht-inx-wiki Wiki](#)

Regular lighting policy with Motion disabled/Autotune disabled.



# Lighting Policy

How to setup Autotune lighting policy

Manage Policy

NAME

day policy

POLICY TYPE

AT

TARGET CLUSTER(S)

AK Office(3)

DIM LEVEL

0%

100%

SELECT COLOR TEMPERATURE

3 000K

5 000K

START TIME

7:00 AM

END TIME

12:00 PM

DAYS OF WEEK

☐ SELECT ALL

☒ MON

☒ TUE

☒ WED

☒ THU

☒ FRI

☐ SAT

☐ SUN

Save

Cancel

# Interpretation of Dashboard data

## Dashboard

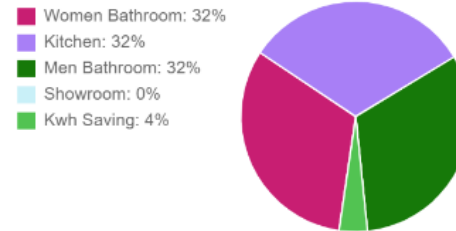
### Hourly Report

#### Temperature



Default temperature of Node

#### kWh Consumption



This pie Chart represents kWh consumption per Cluster

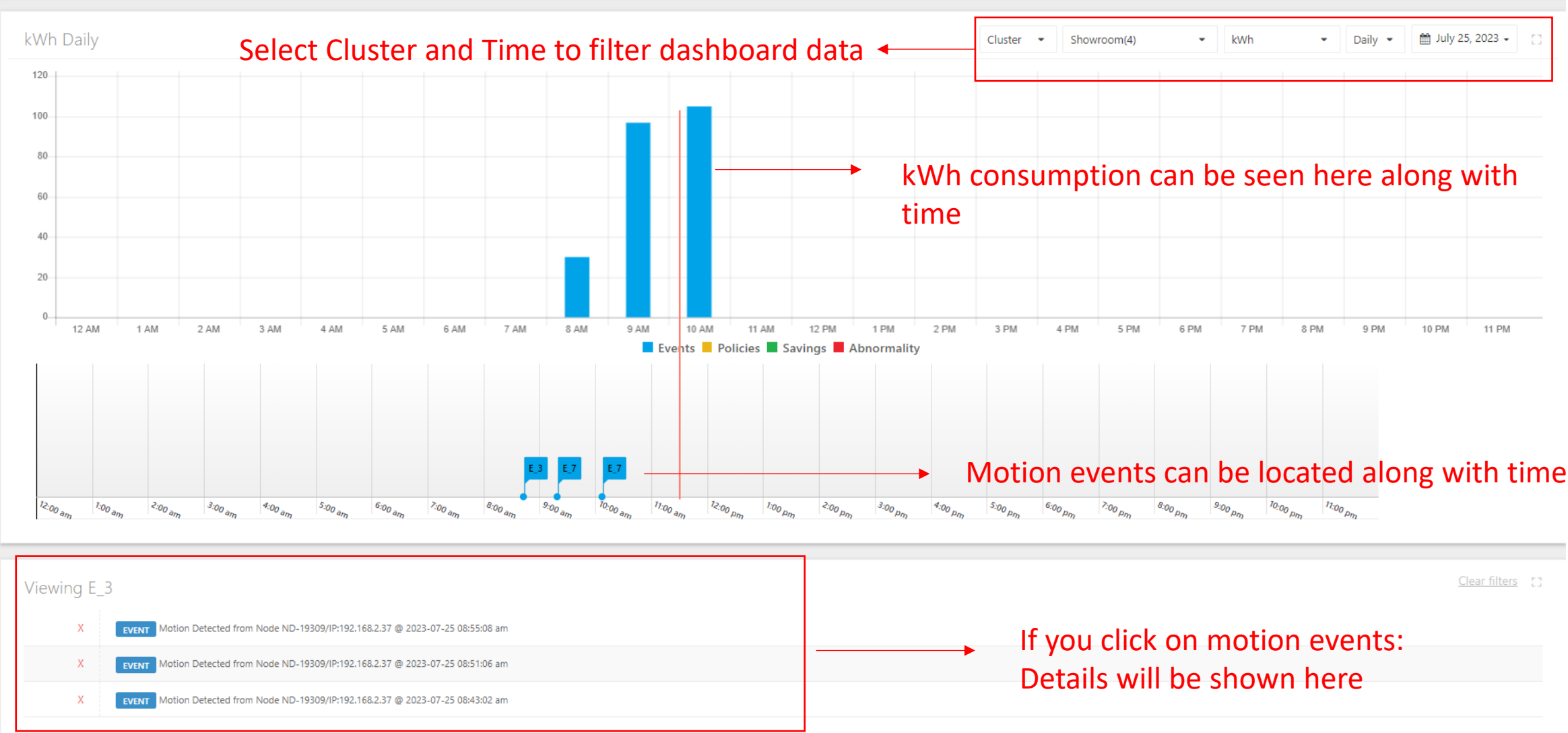
#### Occupancy

Space Not Occupied

Data can be filtered using selection of date and time.

Pie chart ▾ Hourly ▾ 11 AM ▾ July 25, 2023 ▾

# Interpretation of Dashboard data





# Thank You

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