

## ADD A DEVICE

Log in to the customer's admin account.

Steps:

Devices > Click on (+) Add a device

## HTTP/MQTT DEVICE ACCESS TOKEN

The access token is the only required authentication to send data to a device.

To read/edit access token: Click on the newly created device.

Steps:

To copy access token: Click on "Copy access token"

To review/edit device token: Click on "Manage credentials"

## SEND DATA TO THE DEVICE

Under each admin account, each device will be unique with respect to:

1. Device name given while creating the device.
2. Device access token.

There are two kinds of data for a device, they are:

1. **Telemetry data:** This data is received via device telemetry API
  - HTTP(S) telemetry API:  
[https://dashboard.wisense.in/api/v1/ACCESS\\_TOKEN/telemetry](https://dashboard.wisense.in/api/v1/ACCESS_TOKEN/telemetry)
  - MQTT QoS- 0 & 1 telemetry API:  
Host: dashboard.wisense.in Topic: v1/devices/me/telemetry ,  
User: ACCESS\_TOKEN, Port: 1883
2. **Attributes data:** This data is received via device attributes API
  - HTTP(S) attributes API:  
[https://dashboard.wisense.in/api/v1/ACCESS\\_TOKEN/attributes](https://dashboard.wisense.in/api/v1/ACCESS_TOKEN/attributes)
  - MQTT QoS- 0 & 1 attributes API:  
Host: dashboard.wisense.in Topic: v1/devices/me/telemetry ,  
User: ACCESS\_TOKEN, Port: 1883

There is no difference or limitations between sending the two data, a device can send both data at any frequency or dynamicity.

But the dashboard has a standard convention that it expects dynamic/sensor payload as telemetry and static or one-time attributes of the device through attributes API. Both can be utilized in rule-chains without any difference as "client attributes" or "client telemetry".

# TO SETUP DEVICE DASHBOARD

Dashboard pages can be imported from the JSON files provided.

Steps:

1. Go to dashboards > Click on (+) Import dashboard > Select JSON file
2. Once uploaded: Open dashboard  
Click on the “(🔗) Enter edit mode” icon > Click on the top “Entity alias”  
> (🔗) Edit alias > Give Alias name and Select “Device name ” from the bottom dropdown  
> Click save
3. To rename dashboard: On “(🔗) Edit mode” click on top bar “Manage dashboard states”  
> Click on “(🔗) Edit dashboard state” > Change name > Click save

(Important: Do not forget to click (✓) to save the entire changes or (X) to discard those changes before saving.)

**For alerts thresholds:** Fill and save the threshold settings which will be empty initially. Settings will start working based on the input values once they are saved for the first time.

**Now the device is linked to the dashboard and the dashboard is renamed.**

# RULECHAIN SETUP FOR ALERTS/ALARMS

In order for the alert features to work “create\_and\_clear\_alarm” rule-chain should be imported and made as **root** rule-chain.

Steps:

Go to “Rule Chains” > Import Rule-Chain > Upload “create\_and\_clear\_alarm.json”  
> Save (✓) > Click on (🚩) on the rule-chain row icons to make it as root

**Now the new rule chain will control the data flow and will set up alerts and alarms based on the “Threshold” input w.r.t. each device dashboard.**