

# How to Set Alarms and Email Notifications

## IMPORTANT FIRST STEPS

The default configuration in Eagle is to send both email and SMS alarms. Email alarms are free of charge however the SMS alarms cost 20 cents each. To avoid excessive and unwanted fees and costs, it is strongly recommended to disable SMS alarms.

- Click on the workplace folder's dropdown menu, then "Notifications", then "Manage":



- Unselect the SMS options:

Notification categories	<input checked="" type="checkbox"/> Email	<input type="checkbox"/> SMS
Maintenance	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Operations	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Critical	<input checked="" type="checkbox"/>	<input type="checkbox"/>

[? Get help with notification management](#)

Close

## Configuring Alarms and Alerts:

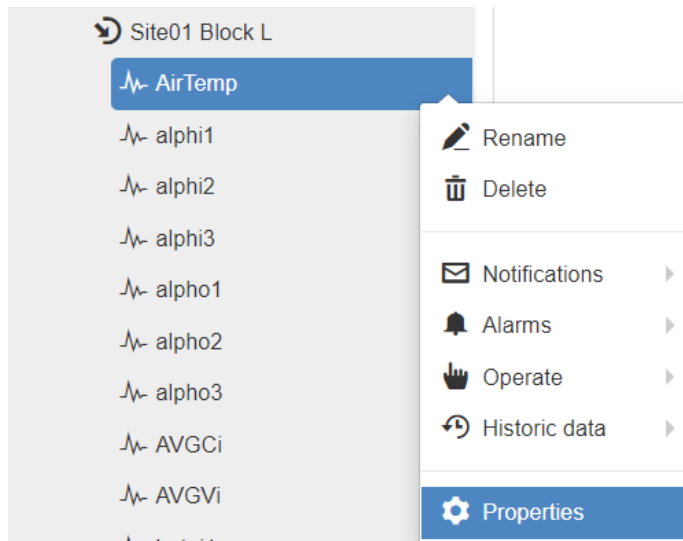
### Step 1:

- Click on the node or parameter of interest. In this example it is Air Temperature:



### Step 2:

- In the dropdown menu, click on Properties:



**Step 3:**

- Under the “States” tab, click on “Add State”.
- This is where a value is included where an alarm should be raised. In this example, a value of 40 is included to indicate that temperature is high at 40 degrees.
- Note that the “Normal” state cannot be changed and must always be there.

States Drag and drop NORMAL state to reorder

**High** ☰

State will be **active** when AirTemp increases to **40 degC**. An **alarm** will be raised.  
 State will become **inactive** when AirTemp decreases below **40 degC**.  
 Notifications will be sent to **Maintenance** category when state becomes **Active**. Hide

<b>Name</b>	<input type="text" value="High"/>	?
<b>Threshold</b>	<input type="text" value="40"/> <input type="text" value="1x"/>	?
	<input checked="" type="checkbox"/> Raise alarm (parameter displayed red)	
<b>Quality</b>	<input type="text" value="None"/>	?
<b>Notifications</b>	<input type="text" value="Active"/>	?
<b>Category</b>	<input type="text" value="Maintenance"/>	?
<b>Active message</b>	<input type="text" value="Temperature is high"/>	?

**NORMAL** ☰

State will be **active** when AirTemp is below **40 degC**.  
 Notifications will not be sent. Edit

## Step 4

- A low state can also be added to raise an alarm when a value is below a threshold.
- Click “Add State”, add a “Name” and “Threshold”. In this example, the name is “Low” and the threshold is “10” to indicate that an alarm should be raised when temperature is less than 10 degrees.

**Low**

State will be **active** when AirTemp increases to **10 degC**. An **alarm** will be raised.  
 State will become **inactive** when AirTemp decreases below **10 degC**.  
 Notifications will be sent to **Maintenance** category when state becomes **Active**.

Hide

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**Name**

**Threshold**

Raise alarm (parameter displayed red)

**Quality**

**Notifications**

**Category**

**Active message**

?

?

?

?

?

?

---

**NORMAL**

State will be **active** when AirTemp is below **10 degC**.  
 Notifications will not be sent.

Edit

Add state

## Step 5

- It is important to re-order the States so that alarms are triggered correctly. In this example there are three states: High, Low and Normal. The Normal state must be re-ordered to be in the middle of the High and Low states.
- Hover the mouse cursor over the Normal tab. The mouse cursor will turn into a hand. Hold down the left mouse key to grab hold of the Normal tab. Drag the Normal tab upwards between the High and Low tabs. The states will now be ordered correctly.
- Click on "Save".

**States** Drag and drop NORMAL state to reorder

**High** ☰

State will be **active** when AirTemp increases to **40 degC**. An **alarm** will be raised.  
 State will become **inactive** when AirTemp decreases below **40 degC**.  
 Notifications will be sent to **Maintenance** category when state becomes **Active**.

Edit

**NORMAL** ☰

State will be **active** when AirTemp is between **10 degC** and **40 degC**.  
 Notifications will not be sent.

Edit

**Low** ☰

State will be **active** when AirTemp decreases to **10 degC**. An **alarm** will be raised.  
 State will become **inactive** when AirTemp increases above **10 degC**.  
 Notifications will be sent to **Maintenance** category when state becomes **Active**.

Edit

Add state

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Node Id: 5db4db0deb836f0ccd72def6

@ - optional custom id - ✎

Save Cancel

**Step 6:**

- Notifications configuration.
- Click on the dropdown menu aside the node or parameter that was just configured. In this example it is AirTemp.
- Click on “Notifications” and then click on “Subscribe”.
- An email notification will be sent to the login email address when an alarm threshold has been triggered.

