



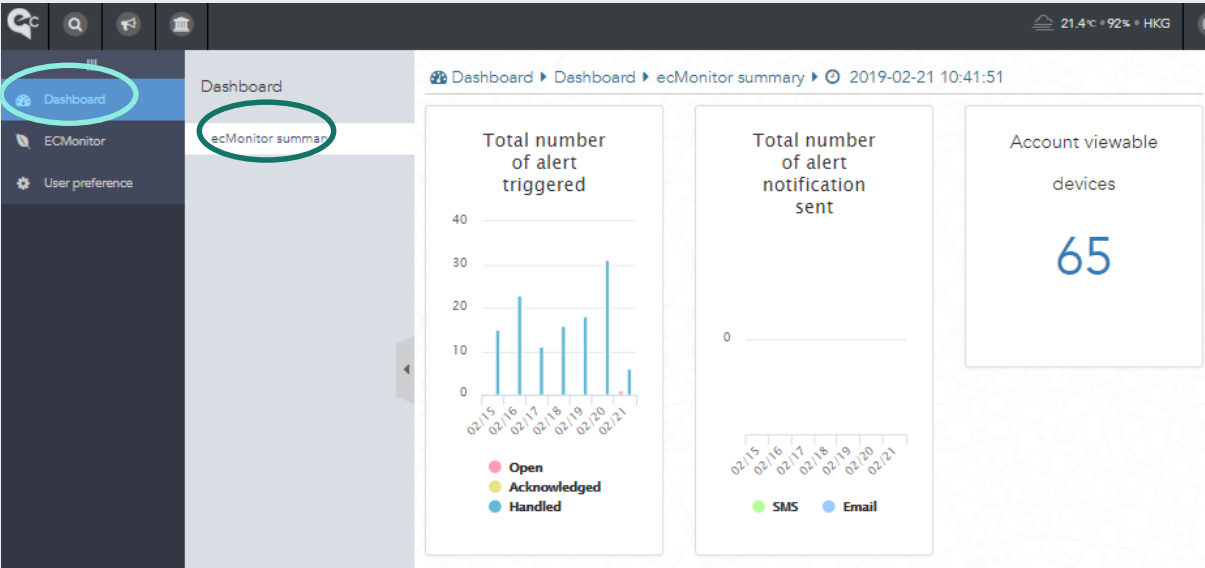
Monitor[®]

Website Flow V1.2.1



Website address:
<https://iot.ectrak.com.hk/>

Dashboard



[Dashboard]>[ecMonitor Summary]

- A summary of all alerts, including the total number of alerts triggered, alert notification sent and all viewable devices.

Monitor Center

ECMonitor > ecMonitor > Monitor center

2019-02-21 10:58:01

25

Device name	Readings	Action
Enma Test 附屬工業中心 > 12F > 女廁 0000282 NB-IoT	2019-01-31 17:18:44 25.6 °C, 46 % 關閉	詳情
1725_GW 附屬工業中心 > 12F > 男廁 0000228 NB-IoT	2019-01-31 16:32:44 3.946 V, 22.6 °C, 57 % 關閉	詳情
1782F_Test 附屬工業中心 > 12F 0000342 NB-IoT	2019-01-24 14:20:57 24.1 °C, 78 % 20 µm/m3, 866 ppb 60 ppb, 2,500 µm/m3, 168 ppb, 967 ppb	詳情
3094_Demo 附屬工業中心 > 12F > 廁所水泵房 0000227 NB-IoT	2019-01-14 12:52:19 正常, 26.5 °C, 47 %	詳情
CSL_17034 附屬工業中心 > 11F > CSL Signal Test 0000232 NB-IoT	2019-01-08 20:33:46 3.112 V, 25 °C, 59 %	詳情

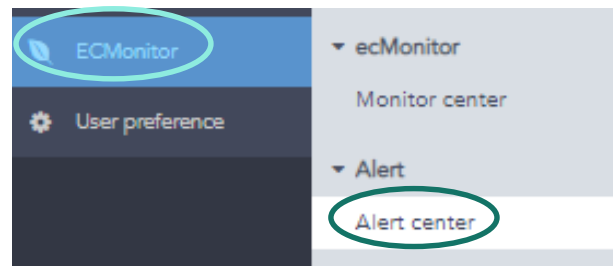
[ECMonitor] > [Monitor Center]

- All sensor's readings will be shown in list view, data includes device name, location, battery, temperature, humidity.
- Only last 12 hours records will be displayed

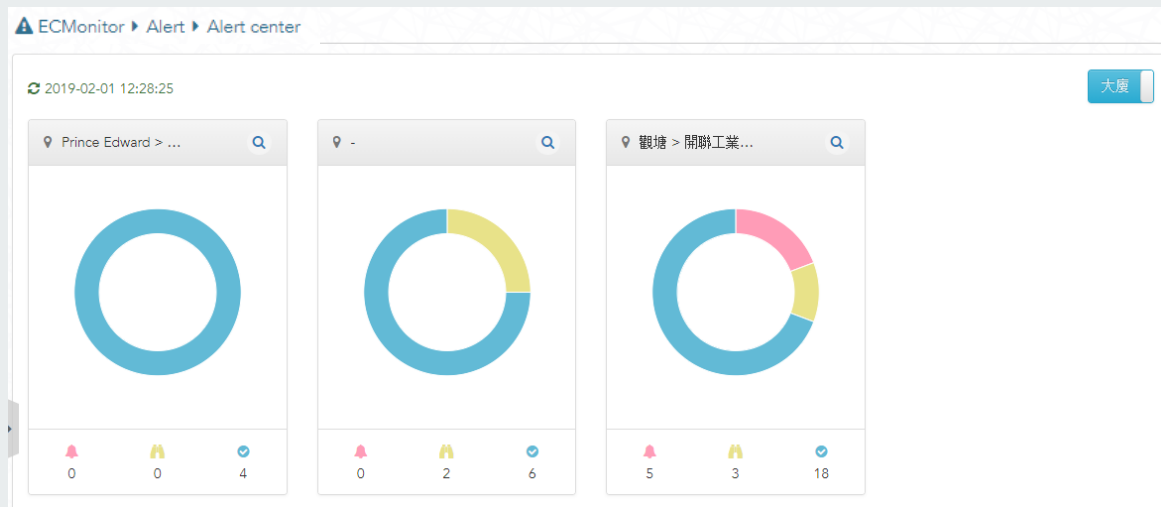


Introduction to alert handling – New Alert

Alert Center



[ECMonitor] > [Alert Center]



Alert Centre page will show :

- All alerts from the building
- Alert will appear in RED colour and
- Alert sound will turn on when alert triggered
- Three colours indicate three types of state:

RED: New alert

YELLOW: Acknowledged

BLUE: Handled with reason code

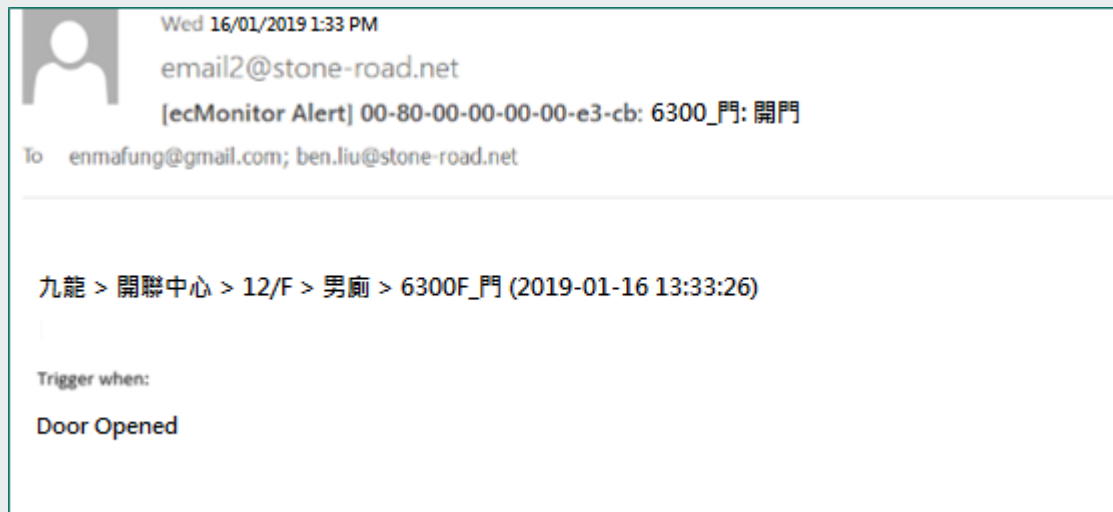
Alert Notification

User will receive notifications when the alerts triggered. Notifications will send to custom phone numbers via SMS, or through email.

SMS Alert



Email Alert



Open

Acknowledge

Handled

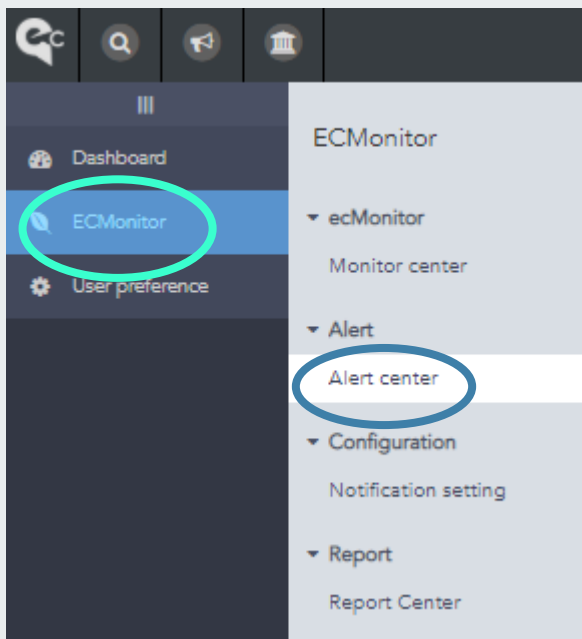


Introduction to alert handling – Acknowledge

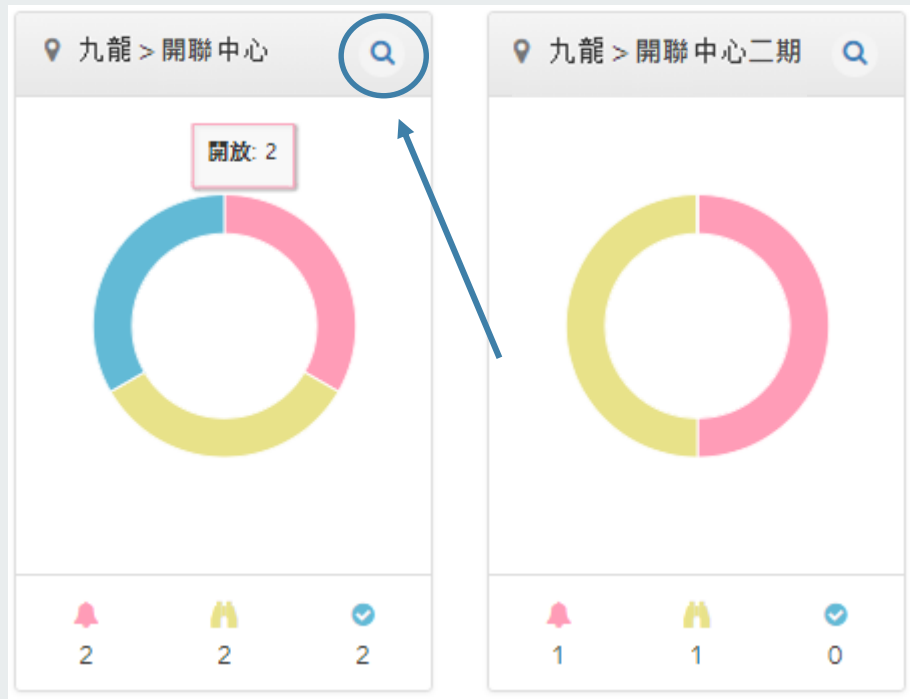
Acknowledge

When there is an open alert shows on the alert center, you have to change the status to “Acknowledge”, as well as the description of acknowledge.

1. Select ECMonitor > Alert Center



2. Select the “Q” Logo



Open

Acknowledge

Handled

Acknowledge

3. Select “Detail” of an alert with open status

ECMonitor ▶ Alert ▶ Alert center

Loading...

25

Status	Alert Info	Triggered date	Action
Open	Ref #7354 門開 SHIO Door	2019-02-21 10:12:54	Detail
Open	Ref #5863 門開 SHIO Door	2019-02-14 10:41:08	Detail
Open	Ref #5823 門開	2019-02-13 15:51:04	Detail

4. Choose a acknowledged reason, then save

Open | Ref #4765 | 檢測到移動 @2019-01-30 14:34:49
九龍 > 圓形中心 > 12/F > 正門入口

Notification name: 檢測到移動

Triggered date: 2019-01-30 14:34:49

Location: 九龍 > 圓形中心 > 12/F > 正門入口

Triggered reading: 1-

Device name: 6000F_移動

Client ID: 0000318

Acknowledge description *

- Choose --
- 10分鐘內到達
- 不在附近 (需要10分鐘或以上)
- 例子檢查**
- 外判商工作
- 維修
- 清潔

SHIO Motion

Trigger when: Below -10 , Above 0.5 -

Weekday: Sun Mon Tue Wed Thu Fri Sat

Time: 00:00 - 00:00

Close Acknowledge Bypass

Open

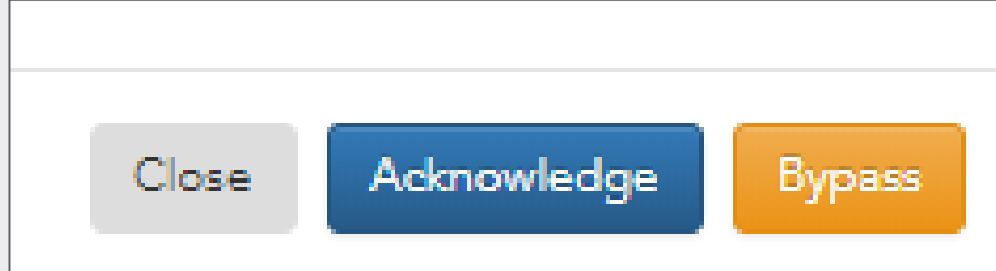
Acknowledge

Handled

Acknowledge

5. The Alert status will turn to “Acknowledge” if select “acknowledge” after filling infos.

6. If choose “By Pass”, that alert will turn to “Handled” directly. Normally it uses for some regular or known action.





Introduction to alert handling – Handle

Handle

1. Select “Detail” of an alert with acknowledge status

ECMonitor ▶ ecMonitor ▶ Alert center

2018-07-05 13:39:23

25

ad

Status	Alert Info	Action
✓ Acknowledged	Water Alert Normal (Development) Flood detection	Detail
✓ Acknowledged	Water Alert Normal (Development) Flood detection	Detail
✓ Acknowledged	Water Alert Normal (Development) Flood detection	Detail
✓ Acknowledged	Water Alert Normal (Development) Flood detection	Detail
✓ Acknowledged	Water Alert Normal (Development) Flood detection	Detail

2. Choose a handled reason, then save

Acknowledged | PATRICK TEST - NORMAL TRIGGER @2018-06-21 09:08:32

Office Area > Hoi Luen Industrial Centre

Notification name: PATRICK TEST - NORMAL TRIGGER

Triggered date: 2018-06-21 09:08:32

Location: Office Area > Hoi Luen Industrial Centr

Triggered reading: 0-

Device name: NB_Sensor_5544

Email notification sent: 2018-06-21 09:08:32

Client ID: 0000149

Acknowledge description: ECM-ACK-01

Acknowledged by: Ben Liu | ben.liu@stone-road.net | 2018-07-04 22:55:53

Handle description *

- Choose --
- Choose --
- ECM-HANDLE-02 去水位卡住
- ECM-HANDLE-03 定期測試
- ECM-HANDLE-01 水泵壞了

Weekday: Sun Mon Tue Wed Thu Fri Sat

Time

Open

Acknowledge

Handled

Report Center

The screenshot displays the ECMonitor web application interface. On the left, a dark sidebar contains navigation options: Dashboard, ECMonitor (circled in blue), and User preference. The main content area shows a breadcrumb trail: ECMonitor > Report > Report Center. Below the breadcrumb, there are links for '+ Add new entry' and 'Manage entries'. A 'Loading...' indicator is present above a table. The table has a header with columns 'Report ID', 'Report Type', and 'Action'. The table body contains the text 'No record found'. At the bottom, it shows 'Showing 0 to 0 of 0 entries' and navigation arrows.

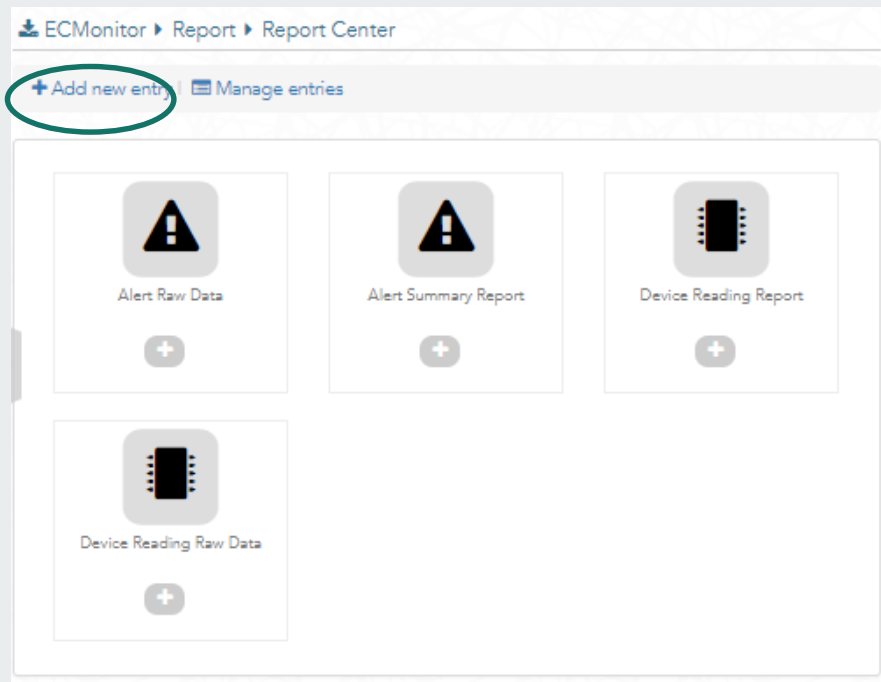
[ECMonitor] > [Report Center]

Allow generate several reports:

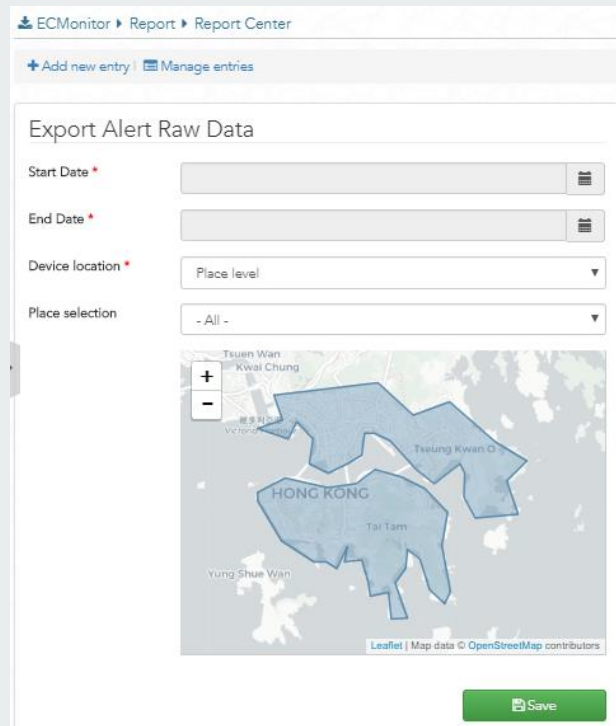
- Alert Raw Data
- Alert Summary Report
- Device Reading Report
- Device Reading Raw Data

Report Center

1. Click [Add new entry]
2. Choose what kind of data need to be reviewed



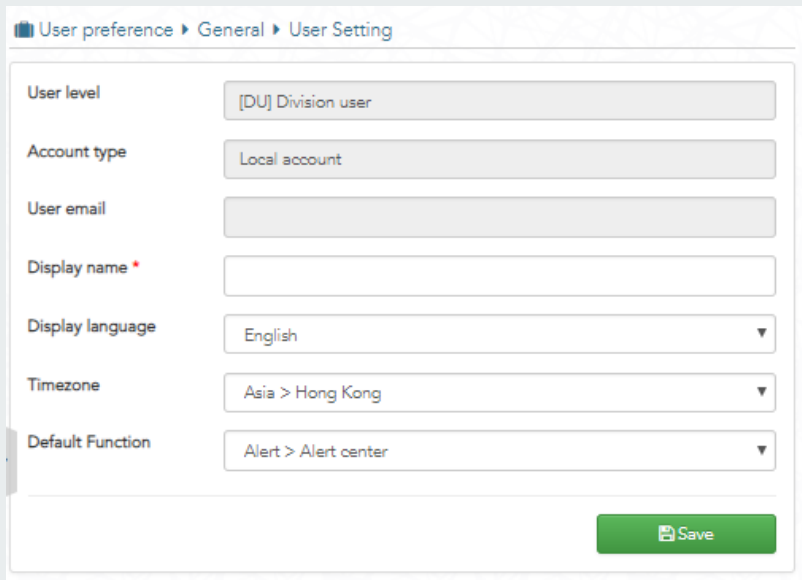
3. Fill in all columns include Date and Device
4. Select "Manage entries" and will show the detailed report



User Preference

[User Preference] > [User Setting]

Allows choosing the Display name, language and default function.



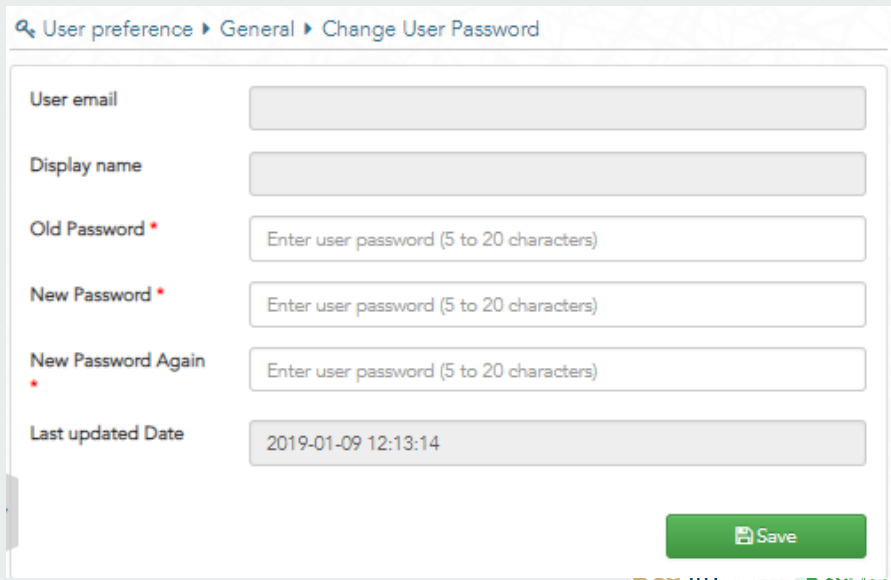
The screenshot shows the 'User Setting' page. The breadcrumb trail is 'User preference > General > User Setting'. The page contains several input fields:

- User level: [DU] Division user
- Account type: Local account
- User email: (empty)
- Display name *: (empty)
- Display language: English (dropdown)
- Timezone: Asia > Hong Kong (dropdown)
- Default Function: Alert > Alert center (dropdown)

A green 'Save' button is located at the bottom right of the form.

[User Preference] > [Change User Password]


Allows changing the password of login, password must be contain 5 to 20 characters.



The screenshot shows the 'Change User Password' page. The breadcrumb trail is 'User preference > General > Change User Password'. The page contains several input fields:

- User email: (empty)
- Display name: (empty)
- Old Password *: Enter user password (5 to 20 characters)
- New Password *: Enter user password (5 to 20 characters)
- New Password Again *: Enter user password (5 to 20 characters)
- Last updated Date: 2019-01-09 12:13:14

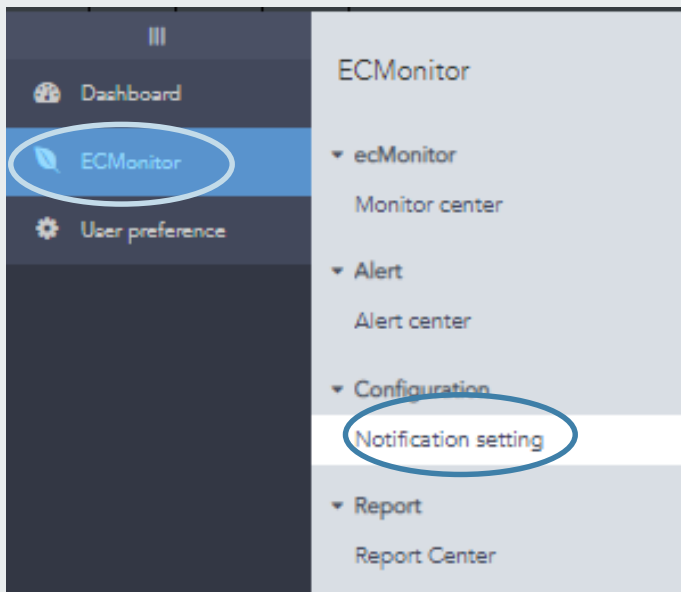
A green 'Save' button is located at the bottom right of the form.



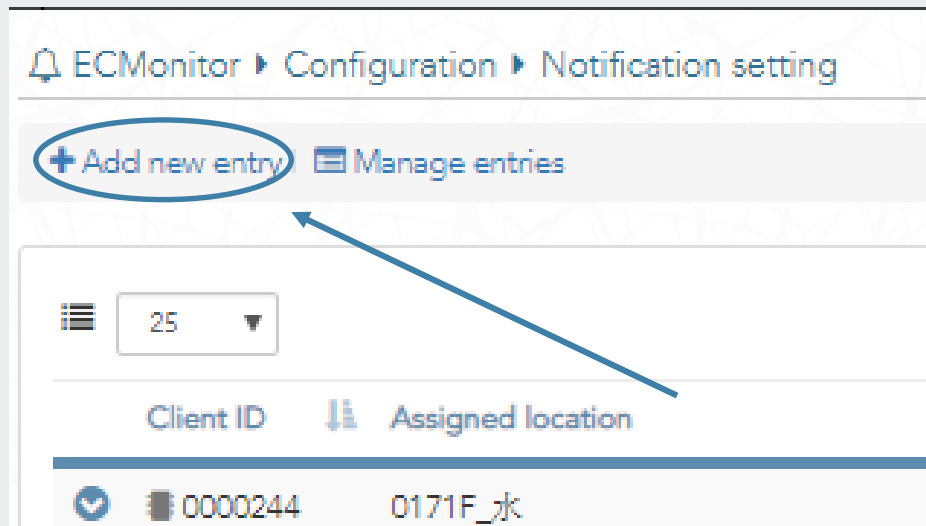
System Admin – Create Alert

Create Alert

1. [ECMonitor] > [Notification Setting]



2. [Add New Entry] and fill in all columns.



Create Alert

3. Fill in the notification name and remarks

4. Select devices which based on installed location

ECMonitor ▶ Configuration ▶ Notification setting

+ Add new entry | Manage entries

Notification rules Trigger condition and actions

Notification name *

Notification remarks

Device selection *

Sensor selection *

Entry status

More ▾

Save

Device selection *

Sensor selection *

Entry status

[0000360] 00171_3HK_Test
視播 > 開聯工業中心 > 11F > CSL Signal Test

[0000354] 6039F_Door
視播 > 開聯工業中心 > 12F > 女廁

[0000356] 6427F_Motion
視播 > 開聯工業中心 > 12F > 天台

Create Alert

5. Choose the sensor which for notification

選擇感應器 *

狀態

啟用

-- 選擇 --

Drain supply voltage
Voltage

Temperature sensor
Temperature

Humidity sensor
Humidity

I/O sensor
Flood detection

6. Input the trigger value

何時觸發 *

低於 請輸入低於值 V

大於 請輸入大於值 V

狀態


啟用

儲存


Create Alert

7. Here are setting needed for several situations:

a. Alert when battery low:

Sensor selection *	
	Drain supply voltage > Voltage
Trigger when *	
Below	1.5 V
Above	Enter above value V

b. Alert when abnormal indoor temperature :


Sensor selection *	
	Temperature sensor > Temperature
Trigger when *	
Below	20 °C
Above	30 °C

Create Alert

7. Here are setting needed for several situations:

c. Alert when abnormal indoor humidity :

Sensor selection *

 Humidity sensor > Humidity


Trigger when *

Below Enter below value %

Above Enter above value %

d. Alert when flooding:

Sensor selection *

 I/O sensor > Flood detection

Trigger when *

Alert

Alert notification when *

1 trigger(s) occurred

Create Alert

8. Select the entry status as Active

PS: Select disable when want to temporary disable the alert

Sensor selection *

Drain supply voltage > Voltage

Trigger when *

Below 1.5 V

Above Enter above value V

Entry status

Active

Save

9. Enter [Trigger condition and action]

ECMonitor > Configuration > Notification setting > [0000271] 0015F_水

+ Add new entry | Manage entries

Notification rules: Trigger condition and action

Notification condition: Everyday

Alert center: Active

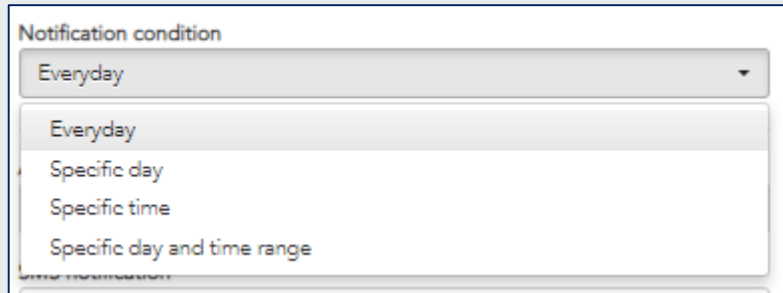
SMS notification

Email notification

Save

Create Alert

10. Choose the condition of notification, eg: time or date range. System will only trigger alert in chose time range.



Notification condition

Everyday

Everyday

Specific day

Specific time

Specific day and time range



Notification condition

Specific time

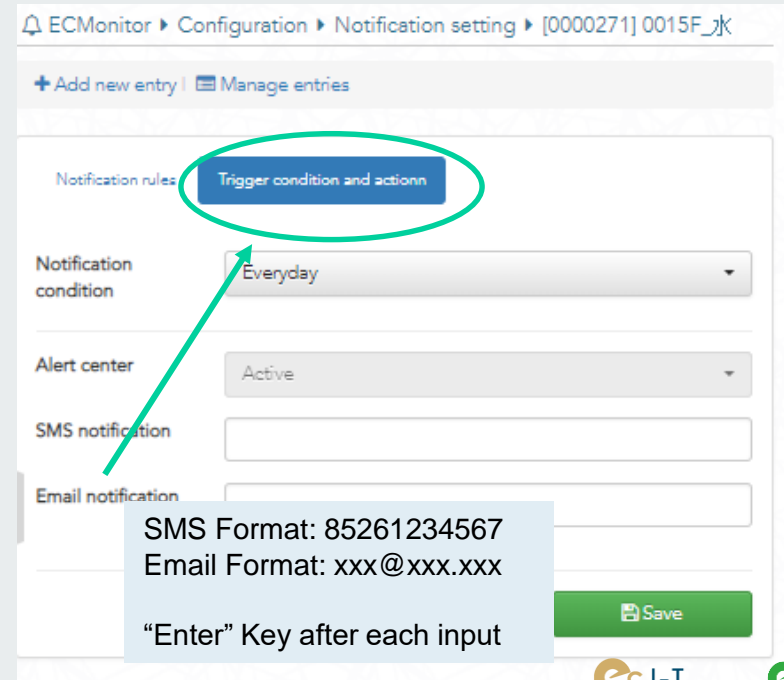
Start time *

18:00

End time *

09:00

11. Enter phone number and email which wanted to get notification of alerts. Then save and finish whole alert setting procedure.



ECMonitor > Configuration > Notification setting > [0000271] 0015F_水

+ Add new entry | Manage entries

Notification rules: Trigger condition and actionn

Notification condition: Everyday

Alert center: Active

SMS notification

Email notification

SMS Format: 85261234567
Email Format: xxx@xxx.xxx

Save

"Enter" Key after each input