

Easy Connect Monnit Extended - Intelliconn **incontrol**™ Products

This document is the second document in a series of two documents. It is assumed that you have read through the EASY Connect Monnit document first and have set up your account and have registered your new sensor and have set the sensor up to report a low battery notification. This document is to help you set up a specific notification based on the sensor type.

Intelliconn iMonnit Notification setup for Specific Sensor Types

Service Disclaimer: Some products may require additional services or equipment from your Internet Service Provider to enable remote device access. Intelliconn does not sell the equipment for, or support this requirement. Please contact your Internet service provider.

UNDERSTANDING SENSOR TYPES

For basic initial setup information for a Monnit sensor, please refer to the document "Easy Connect - Monnit" setup document.

Video: https://www.youtube.com/embed/0xMT_pxA6j0?version=3&hl=en_US&rel=0&autoplay=1

This document assumes that you have set up an account (either 'Basic' or 'Premiere') on iMonnit, and have initialized your sensors to work on your Wi-Fi network. The following goes into more depth on sensor configuration.

There are two types of sensor responses. Event Type, and Reading Type.

Event Type Sensors respond immediately to an event as it occurs.

Ex. Water Detect Sensor, Vibration Sensor, Infrared Sensor, or an Open-Closed Sensor.

Reading Type Sensors work on a timed basis to wake up, gather data, transmit, then go back to sleep.

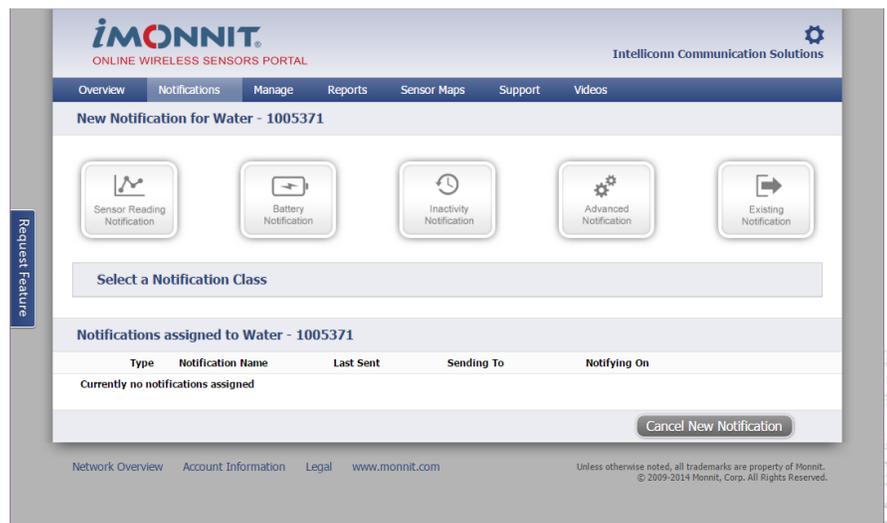
Ex. Temperature Sensor, Asset Sensor

CREATE A NOTIFICATION FOR AN EVENT TYPE SENSOR:

To create a Water Sensor notification, Either

- a. Go into **Overview** on Menu Bar
 - b. Click on your Water/event-type sensor, then on **Notifications**,
 - c. Scroll down, click **Create New**.
- Or,
- i. Click on Notifications on the menu bar, then
 - ii. Click on Add Notification.

In either case, on the following screen, click on "Sensor Reading Notification". (see image)



Fill in a notification name, then fill out the email subject and notification message to send. (see image)

Choose when the notification will be sent. Two options: xxxx Detected or xxxx Not Detected. (ie, "Water", "Vibration", etc)

Choose the length of time between alerts for the same alarm (similar to the snooze time on an alarm clock).

Choose the snooze type, Snooze type applies only if you have multiple sensors.

Request Feature

"Independently" allows multiple alerts in succession if multiple sensors are monitoring a similar condition. "Jointly" means snooze will apply to alerts from all sensors of that type once the first one goes off.

Also choose the acknowledgement mode (usually use the default AUTO).

"Auto" will acknowledge the alert with no user action if the condition returns to normal.

"Manual" requires a user to acknowledge an alert. If not acknowledged, iMonnit Premiere accounts will allow "Escalation", notifying a second or subsequent user after a delay when no acknowledgement is received from the first contact.

Click "Continue" or "Save Settings" (it will move to the **People to Notify** tab, continue to page 4)

CREATE A NOTIFICATION FOR A READING TYPE SENSOR:

To create a Temperature notification, either:

- Go into Overview on Menu Bar
- Click on Temperature Sensor, then on notifications,
- Scroll down and click on Create New.

Or,

- Click on Notifications on the menu bar, then
- Click on Add Notification.

On the following screen, click on Sensor Reading Notification.



Fill in the Notification Name, then fill in the Subject, and the message you want sent for the notification (see graphic).

Choose the conditions for the notification (greater than / less than a specified temperature) and choose the scale (Fahrenheit or Celsius)

Choose the Snooze time and type.

Choose the acknowledgement mode.

Click "Continue" (you will now be in the People to Notify tab, continue on page 4)

Type of Sensor: Temperature

Sensor Reading Notification for Temperature

Notification Name: [Text Field]

Display Text Override Values

Subject: [Text Field]

Notification Text: [Rich Text Editor]

Use SMS Text Message

Use Voice Text Message

Notify when temperature reading is: Greater Than 0 degrees Fahrenheit

Don't Alert again for (Snooze): 60 minutes

Snooze each trigger: INDEPENDENTLY

Acknowledgement Mode: AUTO

Notification is active:

Continue

SETTINGS COMMON TO ALL SENSOR TYPES

If you started from the Notifications Menu, rather than from a specific sensor on the overview screen:

Under "Sent From", click on the sensor that will trigger the alert. Only applicable sensors will be listed.

If you start creating the notification from within the sensor overview settings, it automatically applies it to that sensor

IMONNIT ONLINE WIRELESS SENSORS PORTAL

Intelliconn Communication Solutions

Overview Notifications Manage Reports Sensor Maps Support Videos

Notification List

Type	Notification Name	Last Sent	Sending To	Test
ON	Asset not checking in	5/17/2017 7:45 AM	[Envelope Icon]	[Test] [Share] [Edit] [Delete]
ON	Battery low	5/17/2017 2:57 PM	[Envelope Icon]	[Test] [Share] [Edit] [Delete]
ON	high temp	5/17/2017 2:57 PM	[Envelope Icon]	[Test] [Share] [Edit] [Delete]
ON	No Water	5/19/2017 9:57 AM	[Envelope Icon]	[Test] [Share] [Edit] [Delete]
ON	Too Warm		[Envelope Icon]	[Test] [Share] [Edit] [Delete]

History Notification Settings Notification Schedule Sent From People to Notify

Notification will be triggered by

Sensor Search [Search Icon]

Filter by Network

Temperature - 1005380

water detected 5/3/2017 12:48 PM [Envelope Icon] [Test] [Share] [Edit] [Delete]

Network Overview Account Information Legal www.monnit.com

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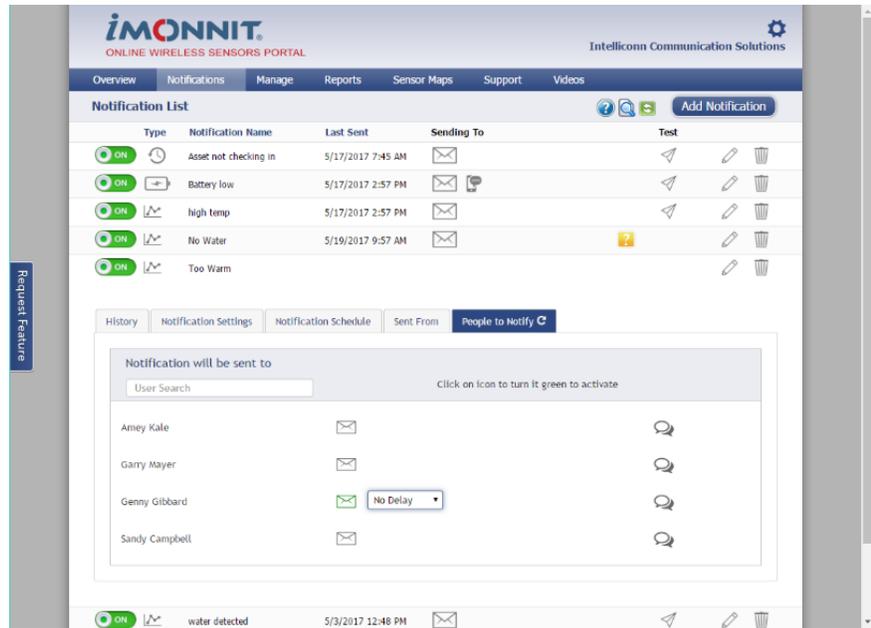
Then move on the **People to Notify** tab, and select the people to notify.

(Premiere only. Basic only allows one user)

Clicking on the envelope will turn the envelope green (note: it is a dark green and looks similar to the gray) The notification is now active.

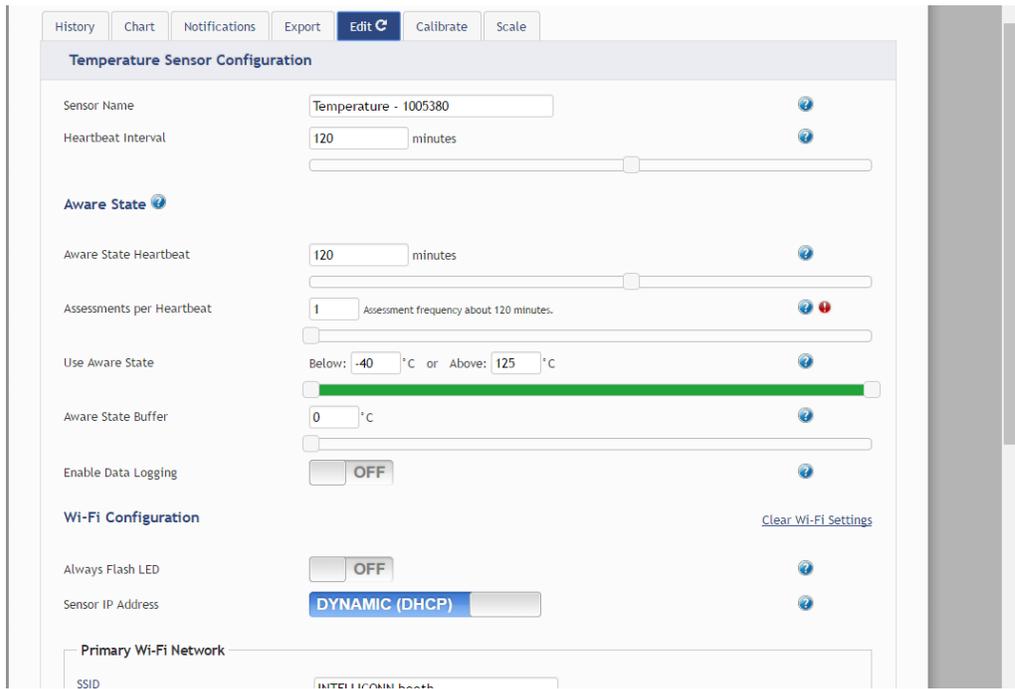
Click **“Finished”**

YOU have now set up the Notification, the following are other settings / options to consider.



CONSIDERATIONS FOR BATTERY LIFE (PREMIERE ONLY):

On Reading Type sensors, “Aware State” settings can be edited. If an alerting condition is detected, the sensor will enter an Aware State. During this period the radio will stay active. Some sensors can be set to assess their state multiple times between the Aware state heartbeats to see if the condition still exists.



In addition, the Sensor Heartbeat interval can be lowered to as low as 10 minutes for premiere accounts. Unless you must have very short notification periods to avoid critical damage, it is best to leave the heartbeat at 2 hours, if possible.

Basic account heartbeats are 2 hours.



OTHER SENSOR SETUP CONSIDERATIONS

Each sensor type configuration screen will be unique, with settings applicable to only that sensor.

The Asset sensor is a reading type sensor. Its primary function is to check into the Wi-Fi gateway on each heartbeat. It has minimal additional setting options.

The Infrared motion detector and Activity/Vibration sensor are event type sensors. They have a trigger direction setting. It can be triggered to either send a notification for motion starting or for motion stopping, or for both directions.

ICONS AND DEFINITIONS

Comprehensive list of icons and definitions seen in the iMonnit software, for Overview and Notifications pages.

For more information, a glossary of terms can be found [here](#)

-  Green Checkmark: Device is checking in and within defined safe parameters.
-  Red Exclamation Point: Device has met or exceeded a user defined threshold that has triggered a notification.
-  Yellow Question Mark: Device has not checked in.
-  Grey Power Symbol: No device readings since shipping.
-  Small Red "x" on bottom right of any other status icon: There are pending transactions present which have not been communicated to the device.
-  Grey Arrow: Clicked to move a device.
-  Red "X" in Grey Box: Remove device
-  Grey Pencil: Edit device
-  Green Star:
-  Signal Bars: Signal strength
-  Proxy: Clicking this icon gives the user the same access (permissions) as the person they proxy in as.
-  Refresh the page
-  Notification is active
-  Notification is inactive
-  Notification has email recipients (when on main page)
-  Notification has email recipients (when inside the notification edit view)
-  Notification has SMS (Text) recipients (when on main page)
-  Notification has SMS (Text) recipients (when inside the notification edit view)
-  Notification creates control command (is sent to a control unit)
-  Notification sent to attention device
-  Current user has permission to edit the notification
-  Current user has permission to delete the notification



IMONNIT SERVICE LEVELS

iMonnit has two primary levels of access.

iMonnit Basic versus iMonnit Premiere

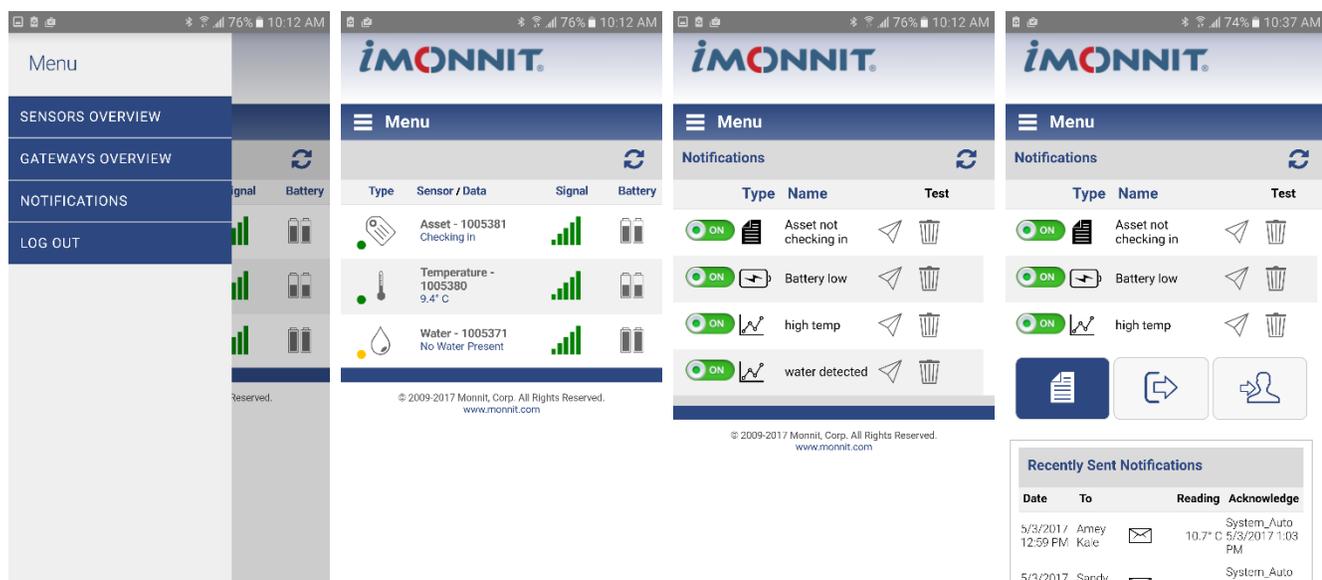
free	\$39 USD yearly subscription
2 hr heartbeat check-in	As low as 10 minute heartbeat check-in*
45 day historical data storage	Unlimited historical data storage
1 network	20 networks
1 user	Unlimited users
Log up to 50 readings on Wi-Fi disruption	Log up to 50,000 readings on Wi-Fi disruption
	Advanced sensor configurations**
	Sensor mapping tool

*frequent heartbeat check-ins shorten battery life.

**Advanced sensor configurations available to Premiere account include ability to configure the sensor aware state, and control sub heartbeat assessments.

ACCESS ANYWHERE

For on the go access to your sensors, download iMonnit Mobile from the App Store or Google Play. Log in with your iMonnit account and monitor and manage your MoWi sensors anywhere your device has internet access.



The image displays four screenshots of the iMonnit mobile application interface. The first screenshot shows the main menu with options: SENSORS OVERVIEW, GATEWAYS OVERVIEW, NOTIFICATIONS, and LOG OUT. The second screenshot shows the 'Menu' screen with a table of sensor data:

Type	Sensor / Data	Signal	Battery
Asset - 1005381	Checking in	[Signal Icon]	[Battery Icon]
Temperature - 1005380	9.4° C	[Signal Icon]	[Battery Icon]
Water - 1005371	No Water Present	[Signal Icon]	[Battery Icon]

The third screenshot shows the 'Notifications' screen with a table of alerts:

Type	Name	Test
ON	Asset not checking in	[Test Icon]
ON	Battery low	[Test Icon]
ON	high temp	[Test Icon]
ON	water detected	[Test Icon]

The fourth screenshot shows the 'Recently Sent Notifications' screen with a table of sent alerts:

Date	To	Reading	Acknowledge
5/3/2017 12:59 PM	Amey Kaie	10.7° C	System_Auto 5/3/2017 1:03 PM
5/3/2017	Sandy		System_Auto 5/3/2017 1:03 PM

For more support and information regarding your MoWi Sensors, please visit:

<http://www.mowisensors.com/>

