



**Sending the data  
from your iMonnit  
enabled sensor to  
a third party API**

**Monnit Corporation**

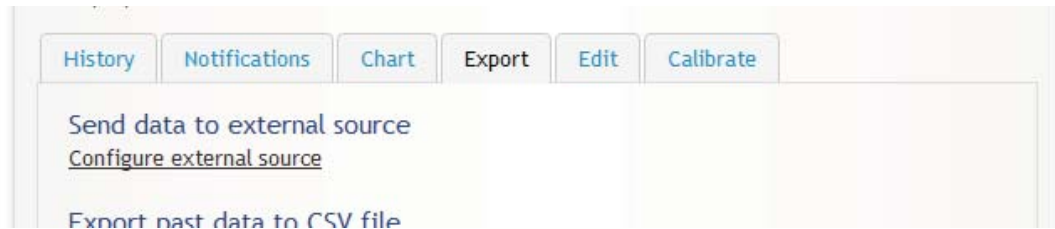
**Version 1**

## Available from iMonnit premier online monitoring solution

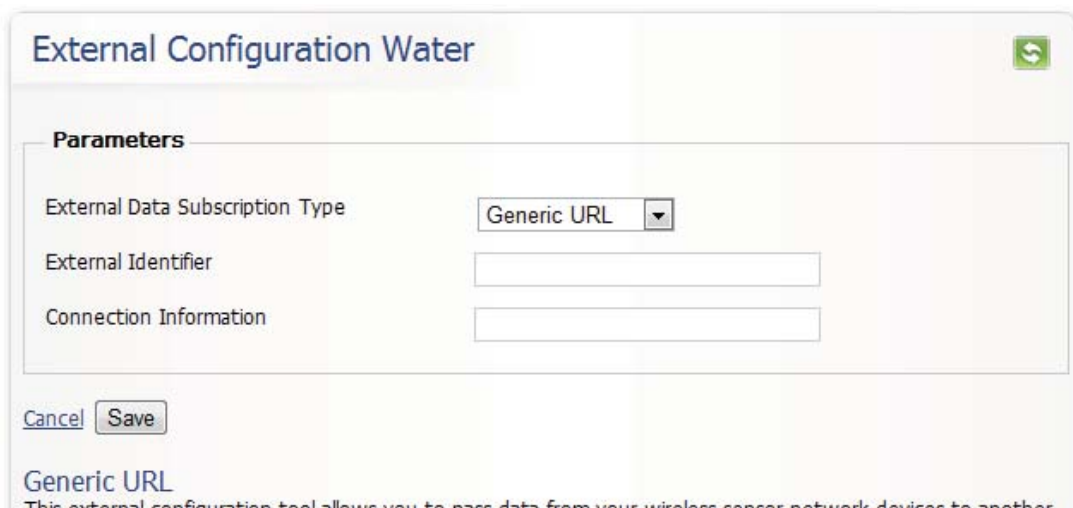
- 1) Login to iMonnit (<https://www.iMonnit.com>)
- 2) Click the sensor name from the list for the sensor whose data you would like to send to your Sensing Planet widget



- 3) Select the "Export" tab, then click "Configure external source"



- 4) Choose Generic URL from the drop down menu
- 5) (Optional) Define an alpha numerical identifier that can be used by third party to identify your sensor
- 6) Define the Connection Information as defined by the third party and pass some or all of the parameters available and listed below.



The screenshot shows the 'External Configuration Water' form. The 'Parameters' section includes:

- 'External Data Subscription Type' with a dropdown menu set to 'Generic URL'.
- 'External Identifier' with an empty text input field.
- 'Connection Information' with an empty text input field.

At the bottom of the form, there are 'Cancel' and 'Save' buttons. Below the form, the text 'Generic URL' is visible, followed by a partially obscured sentence: 'This external configuration tool allows you to pass data from your wireless sensor network devices to another'.

- 7) As new lines are added to the sensor history they will also be sent to the url defined here.

## Available Parameter Values

{0}	ExternalID	Defined by above
{1}	MessageID	Transaction ID for this message from the sensor
{2}	Data	Data transmitted with the message
{3}	DisplayData	Data translated to ui value
{4}	MessageDate	Date message was delivered
{5}	Battery	Approximate percentage remaining on battery
{6}	SignalStrength	Strength of radio signal (0-100)
{7}	State	Encoded state data (in general 0 = Normal, 2=Aware State)
{8}	SensorID	Sensor Identifier
{9}	SensorName	Name set up for sensor
{10}	AccountID	Account Identifier
{11}	CSNetID	Customer Sensor Network ID
{12}	FirmwareVersion	Version of Firmware on Sensor
{13}	CanUpdate	has pending configuration transaction to take place
{14}	IsActive	0 = No notifications will be sent from this sensor, 1 = Notifications will be sent
{15}	Not Used	
{16}	ApplicationID	Coded Sensor type (2 = Temperature, 4=Water, etc)

## Generic URL Example

External Identifier:	3SX7Z
Connection Information:	http://YourDomain/DataFromSensor/?ID={0}&Data={2}&TransactionId={1}
Resulting Http Get Request:	http://YourDomain/DataFromSensor/?ID=3SX7Z&Data=26&TransactionId=103254