



BARNTALK®

WEB PORTAL USER GUIDE

Nov. 2023

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Web Portal Overview

The BarnTalk Web Portal allows BarnTalk users to log into BarnTalk from a web browser. From there, some simple functions are available for ease of use. A gateway owner can see all their gateways from the web portal.

When setup on a Web Portal, Gateways from several owners can be brought together to be seen by designated users within your organization. Additional functionality will be added to the BarnTalk Web Portal on a regular basis.

Logging In

1. <https://barntalk-portal.barntools.com/>
2. Enter mobile phone number
3. Enter PIN code sent to mobile phone

Notes:

Contact **support@barntools.com** to add or remove users. A mobile phone number, Name, and Email are necessary for each user. Users do not need to have the BarnTalk App or be guests of a BarnTalk owner. All users have the same permissions within the Web Portal.

Improved Feed Monitoring and BarnTalk Sensor Management!

1. You can now view all of your sensors on a single page and decide to set filters based on what's most important for the day. Even better, you're able to edit and manage information reported by those sensors directly from that single page.
2. We've also included an ability to overlay Feedgraph data for any BinTalk's installed across your Gateway(s). This gives you a quick visual inventory reading to help you make quick decisions and analyze trends.

Overlaying BinTalk Feed Inventory Readings

If you'd like to graph a visual reading of BinTalk sensors across your site you can accomplish that quickly by clicking on the "Sensors" tab on the left hand side of your web portal.

From there, simply change the right drop-down at the top of your screen to "BinTalk".

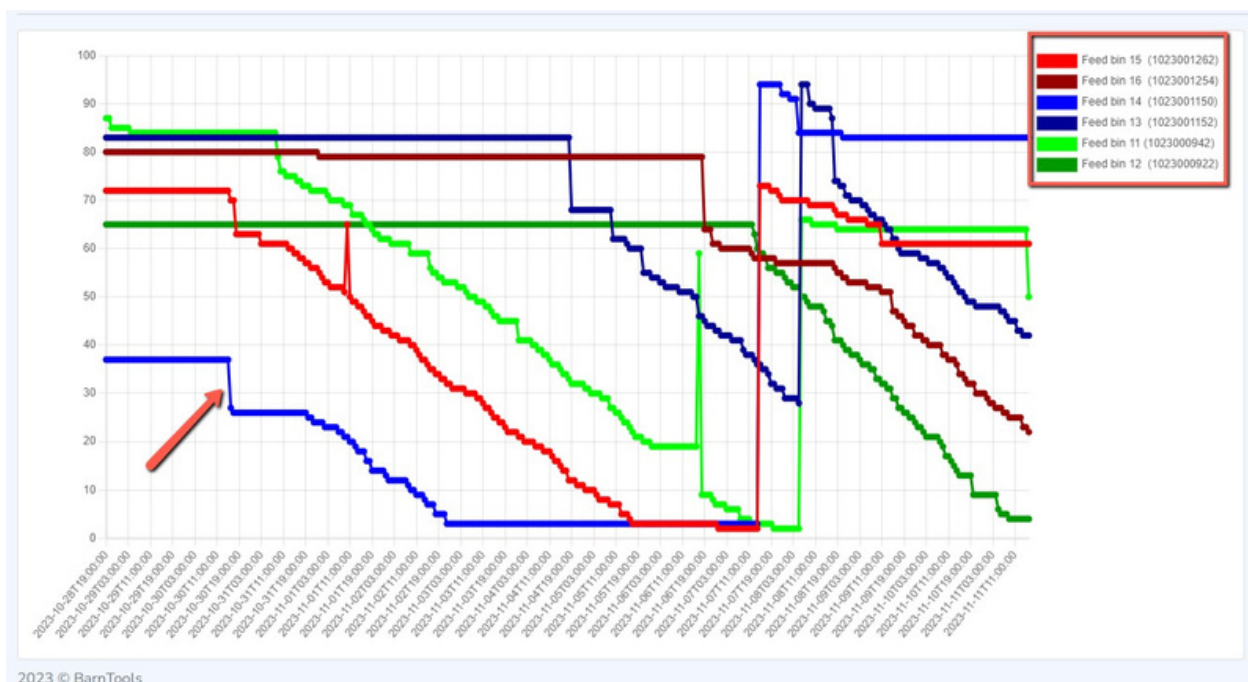
1. You can then select to view BinTalk on All Barns, or just a specific Gateway.
2. There is also a search bar in the very top right corner which makes finding a specific Gateway easier if you have a long list.

Once you have the list of BinTalk sensors pulled up:

1. Choose "All Visible Sensors" or
2. Select a smaller subset of sensors on the list.

After you've made that selection simply hit the "Bulk Actions" drop-down and then "Graph Data"

This will display your BinTalk data in the following format:



The BinTalk graph allows you to hover over any line and drill even further into data. Hovering over a line will show:

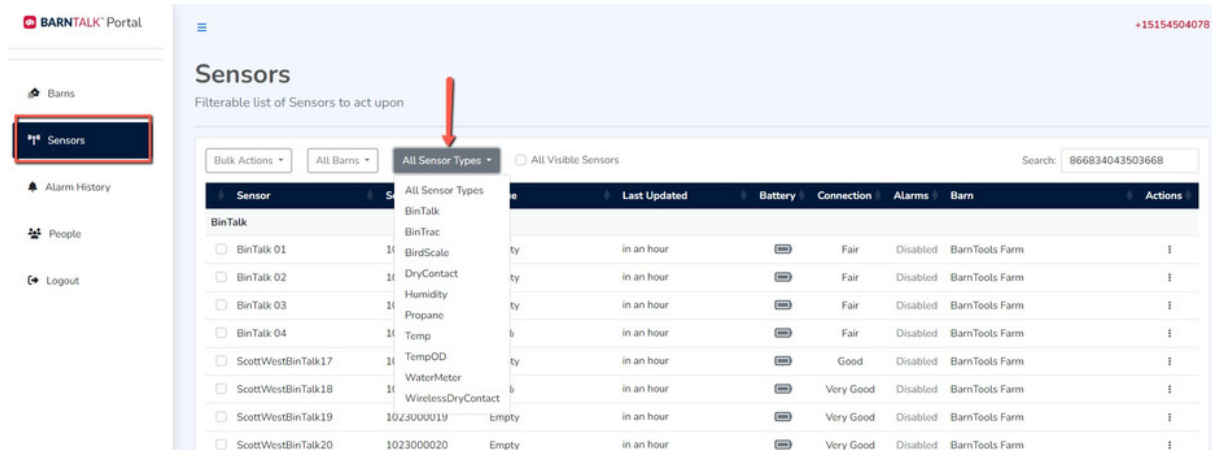
1. The % full for that specific sensor.
2. BinTalk Name.
3. Time Stamp of the data.
4. Sensor Serial Number.

You can also see the colors of the lines match the key in the top right corner.

TIP: If you'd rather pair the graph down to just a couple sensors, click on the colors in the key to make the corresponding line is hidden. Don't worry, they're not gone. Just re-click the same button and the line will reappear.

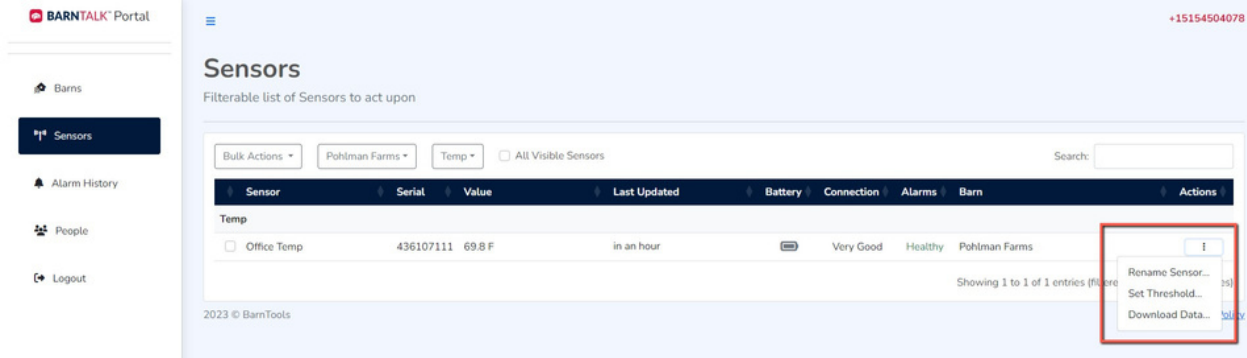
General Management of Sensor Thresholds

1. Select Sensors from left menu
2. Select which type of sensor you would like to see to adjust thresholds
 - a. Temperature
 - b. Dry Contact
 - c. Water Meter



Temperature Alarms

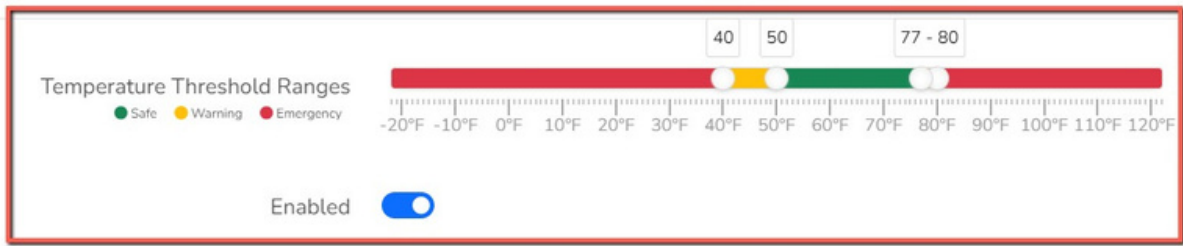
1. Select "Temperature" from top menu.
2. Select your Gateway from top menu that defaults to "All Barns".
3. Click the right-hand "Actions Menu".
4. You can Rename, change thresholds, and download sensor data.



You can also BULK adjust the temp sensor thresholds as well! By clicking the check boxes on the left hand side of the sensors you want to change, and then selecting “Bulk Actions” drop down.

NOTE: Changes made to the thresholds for one sensor can be applied to all.

🔧 Set Temp Thresholds



Barn	Sensor	Enabled	Current Value	Low Emergency	Low Warning	Safe Range	High Warning	High Emergency	
Pohlman Farms	Office Temp	Enabled	69.8°F	40°F	50°F	51-76°F	77°F	80°F	⊕
Ryken Gateway	West Room	Enabled	71.6°F	40°F	50°F	51-99°F	100°F	110°F	⊕
Ryken Gateway	East Room	Enabled	73.4°F	40°F	50°F	51-99°F	100°F	110°F	⊕
Ryken Gateway	Little Barn	Enabled	73.4°F	40°F	50°F	51-99°F	100°F	105°F	⊕
Ryken Gateway	Outdoor Temp	Disabled	69.8°F	-20°F	-19°F	-18-113°F	114°F	115°F	⊕

Showing 1 to 5 of 5 entries

If modifying thresholds for more than one sensor above, proceeding will overwrite all settings. Close Overwrite Thresholds for All Sensors Above

Dry Contact Alarms

1. Select Dry Contact top menu
2. Select Gateway from dropdown menu
3. Select the “Actions” button on the right-hand side

4. From there you can adjust the following preferences:
 - a. Notify when the circuit is Closed vs Opened
 - b. Enable notifications and alert types (SMS & call or Push Notifications).
 - c. Set recognition time (time before alerts are sent from this sensor).

⚡ Set Dry Contact Thresholds

Alert When Open (Off) Closed (On)

Alert Type Push Notification SMS & Voice

Alert After minutes

Enabled

Barn	Sensor	Currently	Notify When	Alert Type	Alert After	Enabled
Ryken Gateway	Generator POWER	On	Off	SMS	0 min.	Disabled

Showing 1 to 1 of 1

If modifying thresholds for more than one sensor above, proceeding will overwrite all settings. Close Overwrite Thresholds for All Sensors

Using Water Consumption Data and Alarms

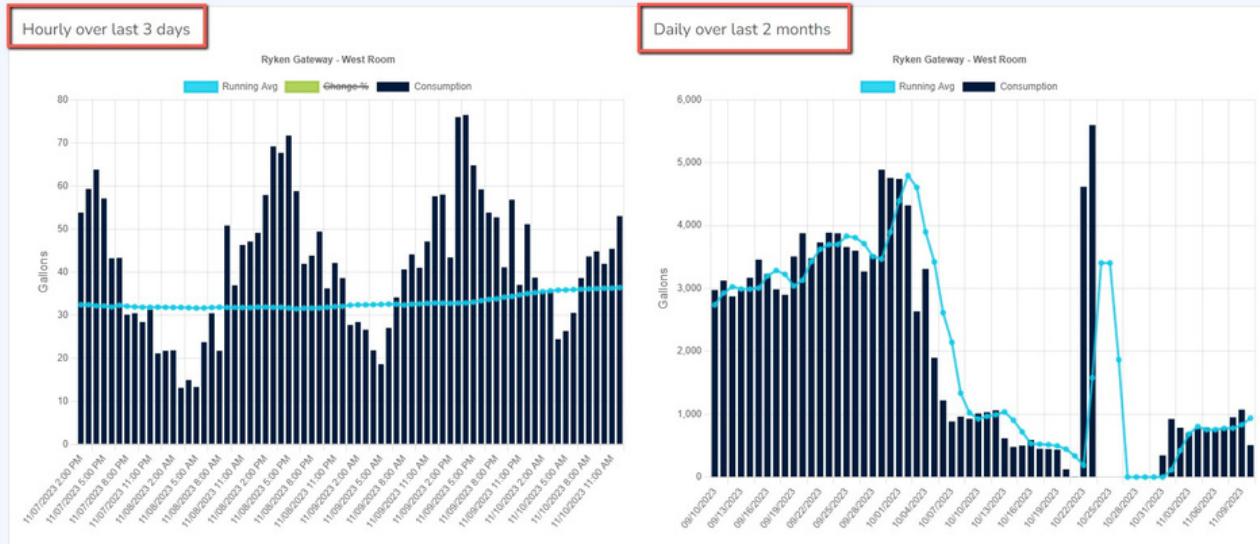
For more information on Water Meters, visit go.barntools.com/WaterMeter.

View historical hourly, daily or monthly consumption:

1. Select "Water Meter" from top menu.
2. Review historical data by clicking the "Actions" menu and choosing "Graph Data".
 - a. This view will display two options: Hourly or Monthly.

Water Meter Graphs

Common time ranges for consumption and averages



Hourly Consumption Graph

1. The graph will display three different data points
 - a. **Black bars** are total consumption in gallons per hour
 - b. **Blue line** is the total running average over the last three days
 - c. By clicking % change above the graph, the **green line** will show that data

Note:

% change is based on the last 24 hours compared to the running average

You are able to hover over each data point to get the exact reading at a given hour.

Monthly Consumption Graph

The graph will display three different data points

- a. **Black bars** are total consumption in gallons per days
- b. **Blue line** is the total running average over the last three days.

You can choose which month you'd like to see in the top left drop-down.

- a. **Note:** The dataset only contains the past three months.

Managing Water Alarms and Thresholds

1. Under the homepage, make sure "Water Meter" is still selected in the top menu.
2. Click the "Actions" menu on the right-hand side.
3. Select "Set Threshold."
4. There are four options for water alarms:
 - a. Time with Zero Flow (hours)
 - b. % Below 3-Day Average Based on hourly consumption
 - c. % Above 3-Day Average Based on hourly consumption
 - d. Leak detection in gallons per hour
5. Leak detection can be set in two ways:
 - a. Monitoring a GPH leak "All Day."
 - b. Monitoring a GPH leak during certain hours based on animal age/behavior.

Set Water Meter Thresholds

Time with Zero Flow 3 hours

Leak Detection 0 GPH Common Options Hours of Alarm

Below 3-day Average
 Safe Warning

Above 3-day Average
 Safe Warning

Search:

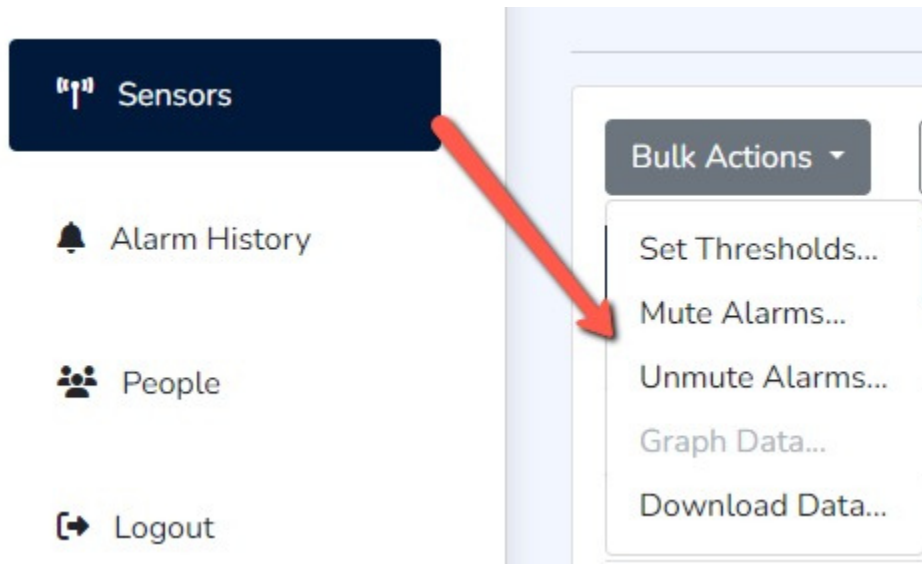
Barn	Sensor	Zero Flow	Leak Detection	Leak Start	Leak End	3 day Low	3 day High
Ryken Gateway	West Room	3 hr	Disabled			Disabled	Disabled

Showing 1 to 1 of 1 entries

If modifying thresholds for more than one sensor above, proceeding will overwrite all settings. [Close](#) [Overwrite Thresholds for All Sensors Above](#)

Note:

- Alarms will become active **only after** 4 days of history are available. This is most relevant to newly installed water meters
- You can also Mute water alarms for a set amount of time by using the same “Bulk Actions” menu



Gateway Alarms Report

1. Select "Alarm History" from the left menu.
2. By default, the list will show all alarms on the gateways you have access to.
3. In the top right, you can search for the barn you want to research.
4. View a list of all alarms on your gateway.
5. You can also download this data to a .CSV file.

Alarm History
The last month of Alarm history and logs of notifications

Bulk Actions All Visible Alarms Search: ryken

Level	Alarm	Barn	Sensor	Status	Start	Acknowledged	Resolved	Actions
Emergency	Wireless Dry Contact Alarm	Ryken Gateway		Resolved	7:09:34am 11/06/2023	7:11:08am 11/06/2023	7:34:16am 11/06/2023	Show Logs...
Emergency	Above 3-Day Average Alarm	Ryken Gateway	Little Barn	Resolved	4:07:47am 11/03/2023	5:07:47am 11/03/2023	5:07:47am 11/03/2023	
Emergency	Above 3-Day Average Alarm	Ryken Gateway	Little Barn	Resolved	3:07:47am 11/03/2023	4:07:47am 11/03/2023	4:07:47am 11/03/2023	
Emergency	Above 3-Day Average Alarm	Ryken Gateway	Little Barn	Resolved	2:07:47am 11/03/2023	3:07:47am 11/03/2023	3:07:47am 11/03/2023	
Emergency	Above 3-Day Average Alarm	Ryken Gateway	Little Barn	Resolved	1:07:47am 11/03/2023	2:07:47am 11/03/2023	2:07:47am 11/03/2023	

Viewing Historical Sensor Alarms

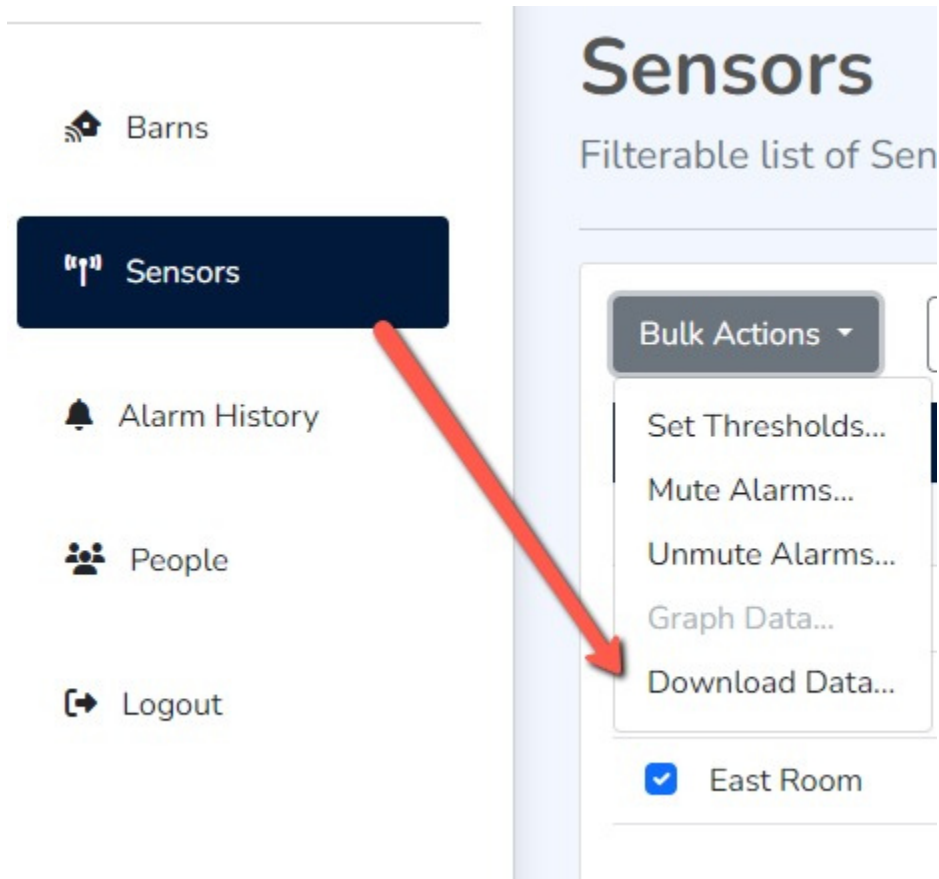
1. On the menu above, click on the "Actions" button on the far right-hand side.
 - a. Select "Logs".
2. View a detailed report of every person who received each alarm, and when.

Rename Sensors

1. In the left menu, select "Sensors".
2. You can filter the list to the type of sensor(s) you want to update.
3. Using the "Actions" menu on the left, just click "Rename Sensor," and you will get a dialog box allowing you to enter the new name.

Download Sensor Data

1. Select "Sensors" from the left menu.
2. Select a Gateway from the top menu.
3. Click on "Bulk Actions".
4. Select date range.
 - a. There is no minimum range but the maximum is 90 days.
5. You will also see an option to "Just Latest Data," which is just barn, sensor, and latest data (not a specified range).
6. Click "Download".



Call Tree Ownership

1. Select "Barns" from the left menu and locate the Gateway you want to update.
2. On the right-hand side, click "Actions > Modify Call Tree".
3. See current call tree, including order.
4. Control the following:
 - a. Call tree order.
 - b. Add or remove call tree members.
 - c. Enable or disable notifications for call tree members.

Modify Call Tree

Modifying Call Tree for **BarnTools Farm**

First Name Last Name Email Phone (required)

Search:

Order	User	Phone	Email	Role	Device Type	Notify	Remove
≡ 1	Jake (BarnTools)	+19796763004	jsterle@barntools.com	Owner	ios	<input checked="" type="checkbox"/>	
≡ 2	BarnTools Team	+15152596503	admin@barntools.com	Member	iOS	<input checked="" type="checkbox"/>	✗
≡ 4	Todd Tarbox	+14022144271	ttarbox@barntools.com	Member	Android	<input checked="" type="checkbox"/>	✗
≡ 5	Jason VanGundy	+13196212542	jvangundy@barntools.com	Member	Android	<input checked="" type="checkbox"/>	✗
≡ 6	James BarnTools	+14804955845	jromo@barntools.com	Member	ios	<input checked="" type="checkbox"/>	✗
≡ 9	Matthew Smith	+15156696164		Member	Android	<input checked="" type="checkbox"/>	✗
≡ 10	Jackson Sterle	+15157082526	sterle33@iastate.edu	Member	ios	<input checked="" type="checkbox"/>	✗
≡ 13	Jim Ryken	+15152904577	jryken@barntools.com	Member	ios	<input checked="" type="checkbox"/>	✗

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Close

Save Call Tree

Questions?

Visit go.barntools.com/WebPortal
or contact our Support Team.



Email our support team: support@barntools.com



Call or Text: **515-272-5122**

Call Toll Free: **855-580-0058**

During the hours of 8 AM - 5 PM CST Monday-Friday