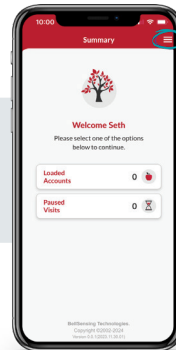


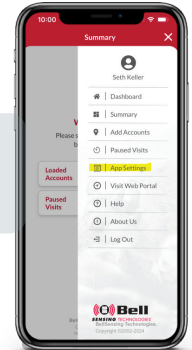
App Functionality

New Device filter functionality - users now have the ability to only service selected device types during any given service (Example: Servicing interior stations (24/7 iQ multi-catch and T-Rex iQ) weekly but servicing exterior stations (Express iQ) monthly.) Previously, you could not control the Bluetooth range, meaning exterior devices would be connected to and listed on reports as serviced or skipped, even though the technician was not scheduled to service those exterior devices on a weekly basis.

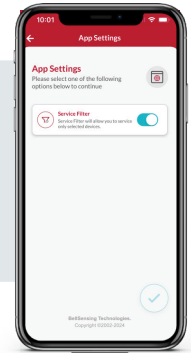
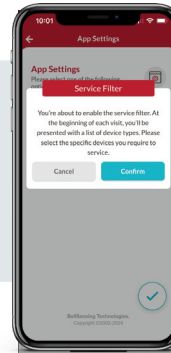
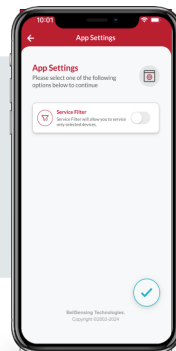
First, when logged into the Bell Sensing app, select the hamburger (3 dash) icon in the upper right hand corner of the Summary screen:



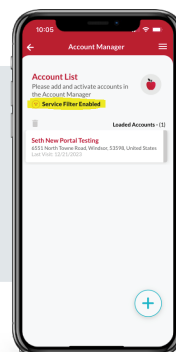
Select "App Settings"



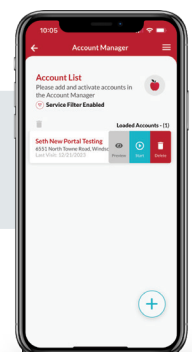
Toggle the Device Filter button to the right, click confirm on the prompt stating "Service Filter: You're about to enable the service filter. At the beginning of each visit, you'll be presented with a list of device types. Please select the specific devices you require to service."



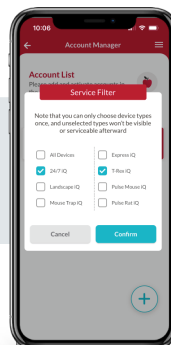
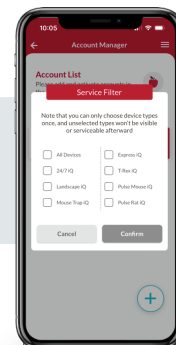
Next, click the back arrow and select Loaded Accounts, then select the Account(s) you would like to service with the Service Filter turned On. The Account List will note "Service Filter Enabled" at the top of the screen



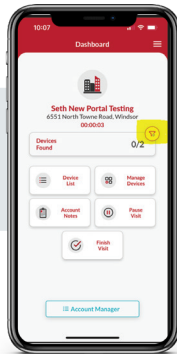
Click on the account then select "Start"



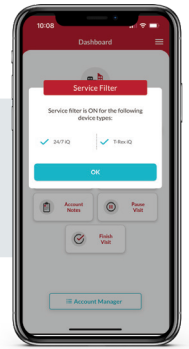
The Service Filter screen will be displayed, Select ONLY the device types you are wishing to service (in this case 24/7 and T-Rex only selected), then select Confirm.



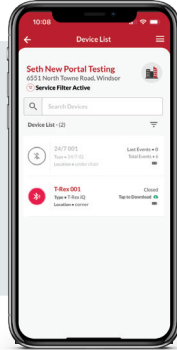
A filter icon can now be seen in the "Devices Found" section of the Account Dashboard.



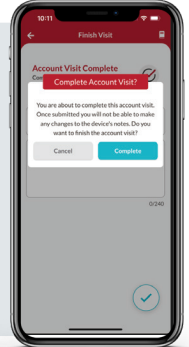
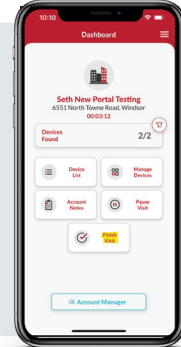
If you click on the Service Filter icon, you can check and verify which device types were selected.



Click on the device list and only the devices selected will be viewable to service, and "Service Filter Active" will be clearly listed at the top of the device list screen.



Finish servicing all devices, then go back to account Dashboard and select "Finish visit" and follow prompts to finalize the service to release the service report and data to the cloud



The service report generated will clearly state that a Service Filter was applied on the specified service. The Device Inspection summary will list how many devices with Inspection Required, how many devices with Inspection Not Required, and clearly list out the device types and quantities filtered out of the service.

Device Inspection Summary

Service Filter Applied

Inspection Required: 2 Devices
 Inspection Not Required: 3 Devices **Total Devices:** 5 Devices

Inspection Required

Device Type	Inspected	Inspected w/Events	Skipped	Added	Removed	Not Found
24/7 iQ	1 of 1 (100.00%)	0 of 1 (0.00%)	0	0	0	0
T-Rex iQ	0 of 1 (0.00%)	0 of 1 (0.00%)	1	0	0	0
Totals	1 of 2 (50.00%)	0 of 2 (0.00%)	1	0	0	0

Inspection Not Required

Device Type	Added	Removed	Total Active
Pulse Mouse iQ	0	0	1
Express iQ	0	0	2
Totals	0	0	3

Service Reports

Previously, the devices were ordered on the report based upon Bluetooth connection time. This made it hard to verify that all devices were reviewed, as they were not listed in alpha-numeric order.

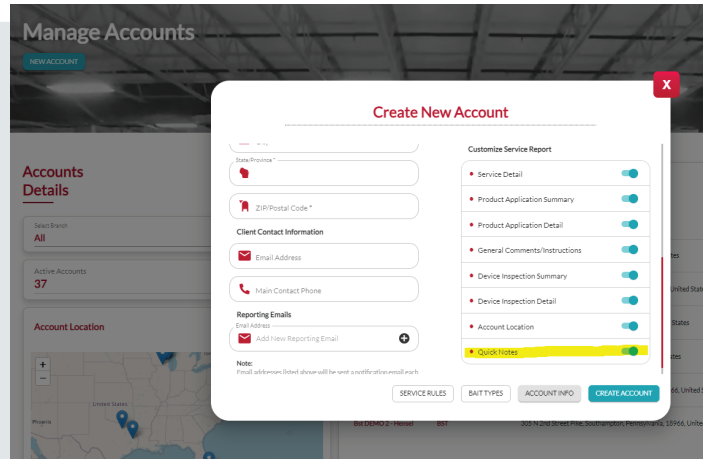
6/28/2023 @ 10:44 CST	24/7 IQ	24/7 Interior Wall 032	No Events
6/28/2023 @ 10:44 CST	24/7 IQ	24/7 Interior Wall 044	No Events
6/28/2023 @ 10:44 CST	24/7 IQ	24/7 Interior Wall 055	No Events
6/28/2023 @ 10:44 CST	24/7 IQ	24/7 Interior Wall 056	No Events
6/28/2023 @ 10:44 CST	24/7 IQ	24/7 Interior Wall 036	No Events
6/28/2023 @ 10:44 CST	24/7 IQ	24/7 Interior Wall 057	No Events
6/28/2023 @ 10:44 CST	24/7 IQ	24/7 Interior Wall 060	No Events
6/28/2023 @ 10:44 CST	24/7 IQ	24/7 Interior Wall 038	No Events
6/28/2023 @ 10:44 CST	24/7 IQ	24/7 Interior Wall 058	No Events
6/28/2023 @ 10:44 CST	24/7 IQ	24/7 Interior Wall 061	No Events
6/28/2023 @ 10:44 CST	24/7 IQ	24/7 Interior Wall 064	No Events
6/28/2023 @ 10:44 CST	24/7 IQ	24/7 Interior Wall 059	No Events
6/28/2023 @ 10:44 CST	24/7 IQ	24/7 Interior Wall 065	No Events
6/28/2023 @ 10:44 CST	24/7 IQ	24/7 Interior Wall 062	No Events
6/28/2023 @ 10:44 CST	24/7 IQ	24/7 Interior Wall 063	No Events
6/28/2023 @ 10:45 CST	24/7 IQ	24/7 Interior Wall 066	No Events
6/28/2023 @ 10:45 CST	24/7 IQ	24/7 Interior Wall 067	No Events
6/28/2023 @ 10:45 CST	24/7 IQ	24/7 Interior Wall 070	No Events
6/28/2023 @ 10:45 CST	24/7 IQ	24/7 Interior Wall 071	No Events
6/28/2023 @ 10:45 CST	24/7 IQ	24/7 Interior Wall 068	No Events

Now all reports list the devices in alpha-numeric order (updated 9.6.23). This makes it easier to verify that all devices connected.

9/28/2023 @ 13:27 CST	24/7 IQ	24/7 Interior Wall 029	No Events
9/28/2023 @ 13:24 CST	24/7 IQ	24/7 Interior Wall 030	No Events
9/28/2023 @ 13:24 CST	24/7 IQ	24/7 Interior Wall 031	No Events
9/28/2023 @ 13:27 CST	24/7 IQ	24/7 Interior Wall 032	No Events
9/28/2023 @ 13:24 CST	24/7 IQ	24/7 Interior Wall 033	No Events
9/28/2023 @ 13:24 CST	24/7 IQ	24/7 Interior Wall 034	No Events
9/28/2023 @ 13:24 CST	24/7 IQ	24/7 Interior Wall 035	No Events
9/28/2023 @ 13:24 CST	24/7 IQ	24/7 Interior Wall 036	No Events
9/28/2023 @ 13:24 CST	24/7 IQ	24/7 Interior Wall 037	No Events
9/28/2023 @ 13:24 CST	24/7 IQ	24/7 Interior Wall 038	No Events
9/28/2023 @ 13:24 CST	24/7 IQ	24/7 Interior Wall 039	No Events
9/28/2023 @ 13:24 CST	24/7 IQ	24/7 Interior Wall 040	No Events
9/28/2023 @ 13:24 CST	24/7 IQ	24/7 Interior Wall 042	No Events
9/28/2023 @ 13:24 CST	24/7 IQ	24/7 Interior Wall 043	No Events
9/28/2023 @ 13:24 CST	24/7 IQ	24/7 Interior Wall 044	No Events
9/28/2023 @ 13:24 CST	24/7 IQ	24/7 Interior Wall 045	No Events
9/28/2023 @ 13:23 CST	24/7 IQ	24/7 Interior Wall 046	No Events
9/28/2023 @ 13:22 CST	24/7 IQ	24/7 Interior Wall 047	No Events
9/28/2023 @ 13:21 CST	24/7 IQ	24/7 Interior Wall 048	No Events

Quick Notes columns can now be added to service reports. If this option is turned on in the account settings (pictured and highlighted), all individual device notes will be listed in a separate section on the report.

Note: This option is automatically turned on for any new accounts created as of 9/6/23. For any accounts set up prior to this date, the toggle is turned off and would need to be turned on in the account settings.



Example Report with Quick Notes toggled on in the Account Settings.

Device Inspection Detail

Time	Device Type	Device Name	Events	Captures	Quick Notes
10/3/2023 @ 10:07 CST	24/7 IQ	24/7 002	2 Events	1 (Mouse AdultM)	Needs Replacement
10/3/2023 @ 10:06 CST	24/7 IQ	24/7 003	No Events		
10/3/2023 @ 10:07 CST	Express IQ	Express 001	2 Events		Moderate Bait Consumption
10/3/2023 @ 10:06 CST	Express IQ	Express 002	No Events		
10/3/2023 @ 10:06 CST	Express IQ	Express 003	No Events		
10/3/2023 @ 10:08 CST	Pulse Mouse IQ	Pulse Mouse 001	1 Events		Light Bait Consumption
10/3/2023 @ 10:08 CST	Pulse Rat IQ	Pulse Rat 001	3 Events		Heavy Bait Consumption
10/3/2023 @ 10:10 CST	T-Rex IQ	T-Rex 002	No Events	1 (RoofRat NA)	Station Moved (translocation)
10/3/2023 @ 10:09 CST	T-Rex IQ	T-Rex 003	1 Events	1 (RoofRat AdultM)	Needs Replacement

“Skipped Devices” or “Not Found Devices” can now be added to service reports under the "Edit Account" or "New Account" widgets. Toggles can be turned on so that separate sections of the service report will list out each individual device that was either Skipped or "Not Found".

Device Inspection Detail

Time	Device Type	Device Name	Events	Captures	Quick Notes
1/25/2024 @ 11:37 CST	24/7 iQ	24/7 002	No Events		
1/25/2024 @ 11:37 CST	24/7 iQ	24/7 003	No Events		
1/25/2024 @ 11:37 CST	Express iQ	Express 001	No Events		
1/25/2024 @ 11:37 CST	Express iQ	Express 002	No Events		
1/25/2024 @ 11:37 CST	Express iQ	Express 003	No Events		
1/25/2024 @ 11:37 CST	Express iQ	Express 004	No Events		
1/25/2024 @ 11:37 CST	Express iQ	Express 005	No Events		
1/25/2024 @ 11:37 CST	Pulse Mouse iQ + T Rex	Pulse Mouse 001	No Events		
1/25/2024 @ 11:37 CST	Pulse Rat iQ	Pulse Rat 001	No Events		

Skipped Devices

Device Type	Device Name	Last Serviced
T-Rex iQ	T-Rex 002	1/23/2024 @ 13:59 CST
T-Rex iQ	T-Rex 003	1/16/2024 @ 09:37 CST
T-Rex iQ	T-Rex Test 001	1/16/2024 @ 09:36 CST

Not Found Devices

Device Type	Device Name	Last Serviced
24/7 iQ	24/7 001	10/25/2023 @ 11:07 CST

If a bait station (Express iQ, Landscape iQ, Pulse Rat iQ, Pulse Mouse iQ) has the "Include Snap Trap(s)" toggle turned on when naming the device or editing the device settings, the service report will now list out "Bait Station + T-Rex" in the device type column, and both captures and bait placement can be recorded in the one iQ bait station

Device Inspection Detail

Time	Device Type	Device Name	Events	Captures	Quick Notes
1/16/2024 @ 09:36 CST	24/7 iQ	24/7 002	2 Events	1 (Mouse AdultM)	
1/16/2024 @ 09:35 CST	24/7 iQ	24/7 003	No Events		
1/16/2024 @ 09:35 CST	Express iQ	Express 001	No Events		
1/16/2024 @ 09:36 CST	Express iQ	Express 002	1 Events		
1/16/2024 @ 09:35 CST	Express iQ	Express 003	No Events		
1/16/2024 @ 09:36 CST	Express iQ	Express 004	2 Events		
1/16/2024 @ 09:35 CST	Pulse Mouse iQ + T Rex	Pulse Mouse 001	3 Events	1 (RoofRat NA)	
1/16/2024 @ 09:36 CST	Pulse Rat iQ	Pulse Rat 001	No Events		
1/16/2024 @ 09:36 CST	T-Rex iQ	T-Rex 001	No Events	1 (RoofRat NA)	
1/16/2024 @ 09:37 CST	T-Rex iQ	T-Rex 002	No Events		Trap Falsely Triggered
1/16/2024 @ 09:37 CST	T-Rex iQ	T-Rex 003	1 Events	1 (RoofRat AdultM)	

Portal / Reporting Updates

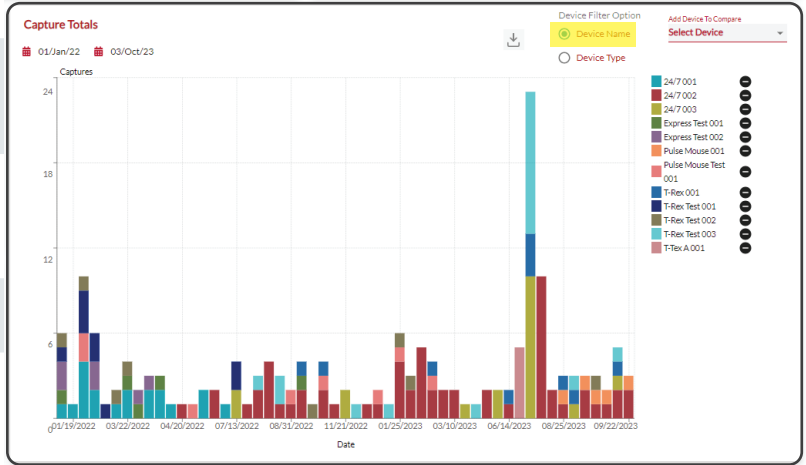
The Event Log is now available at the account level (on standard account page, near bottom of page next to bait application chart). Previously, you could only pull event logs at the individual service date level.

The screenshot displays the Bell Services Technologies portal interface. On the left is a navigation sidebar with options: Home, Branches, Accounts, Devices, Users, Bait Types, Reports, and Log Out. The main content area is divided into several sections:

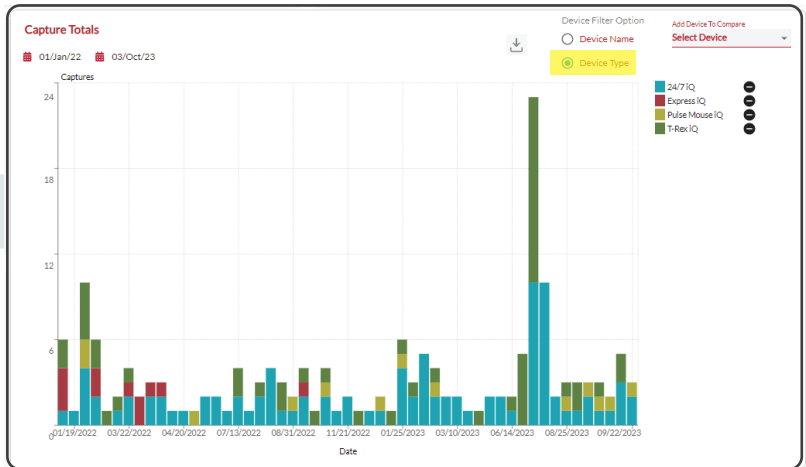
- Event Log:** A table with columns for Device Name, Device Type, and Timestamp. It lists various devices like Express 001, Pulse Mouse 001, 24/7 002, etc., with their respective timestamps. A search bar and a 'DOWNLOAD' button are present above the table.
- Most Used Bait:** A section showing a product image and details: Bait Name, Active Ingredient, Average Bait Refill Per Visit, Contract Size, and Brand/Store.
- Bait Application Rate:** A line graph showing the quantity of bait applied over time from Jan/22 to Oct/23. The y-axis is 'Quantity Applied' (0-80) and the x-axis is 'Date'. A legend indicates 'Bait Applied'. An 'Average Refill' of 24.00 Units is noted.

Capture Totals Chart – There is now the ability to filter by individual device name or device type.

Device Name Example



Device Type Example

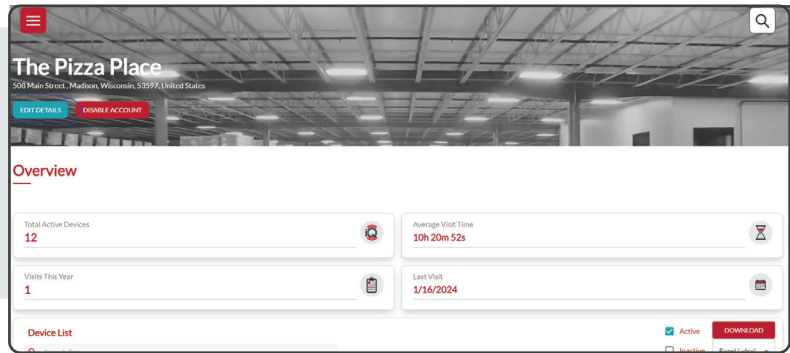


Capture Totals Have Been Added to Device Lists – Lists can now be sorted by capture totals, and capture total column will now be available if downloading into Excel.

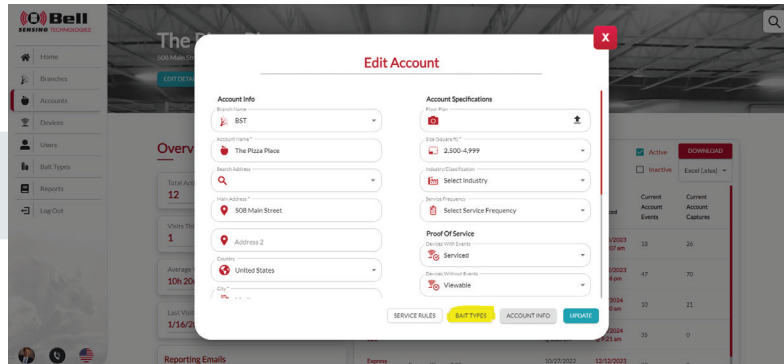
Device Name	Device Type	Firmware Version	Location	Activation Date	Last Serviced	Current Account Events	Current Account Captures	Lifetime Events	Battery
24/7 002	24/7 IQ	1.27	Side door	4/12/2022 @ 12:22 pm	12/12/2023 @ 1:36 pm	47	70	47	Good
24/7 001	24/7 IQ	1.27	NE corner	11/22/2021 @ 8:59 am	10/25/2023 @ 11:07 am	18	26	18	Good
24/7 003	24/7 IQ	3.28	Test 1	7/05/2022 @ 9:12 am	12/12/2023 @ 1:36 pm	10	21	10	Good
T-Rex 001	T-Rex IQ	2.09	Under desk	7/13/2022 @ 9:15 am	11/27/2023 @ 10:24 am	8	9	8	Good
Pulse Mouse 001	Pulse Mouse IQ	1.29		9/21/2023 @ 10:22 am	12/01/2023 @ 12:26 pm	19	8	20	Good
T-Rex 003	T-Rex IQ	2.09	Crawlspace	9/22/2023 @ 10:22 am	10/03/2023 @ 1:27 pm	1	1	1	Good
T-Rex 002	T-Rex IQ	2.09	Drop ceiling	9/22/2023 @ 10:18 am	12/12/2023 @ 1:36 pm	0	1	0	Good

Bait can now be listed in gram weight instead of the default "units".

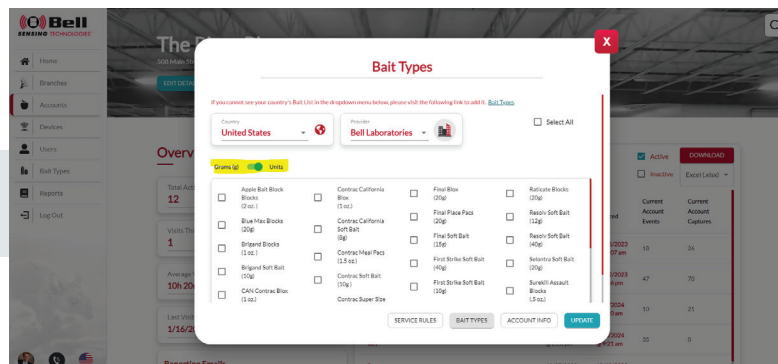
Click on account to visit account homepage
At the top of the account homepage, select **Edit Details**



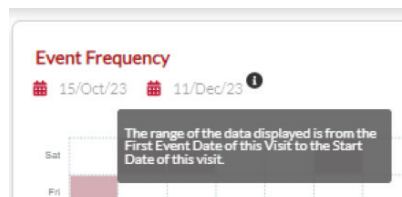
In the Edit Account widget displayed, select **"Bait Types"**



Toggle the slider in the **"Bait Types"** screen to Grams(g) from Units



Event Frequency chart update on Service Visit level homepage – Will now display all events from first event recorded since last service visit, through the date of the current visit

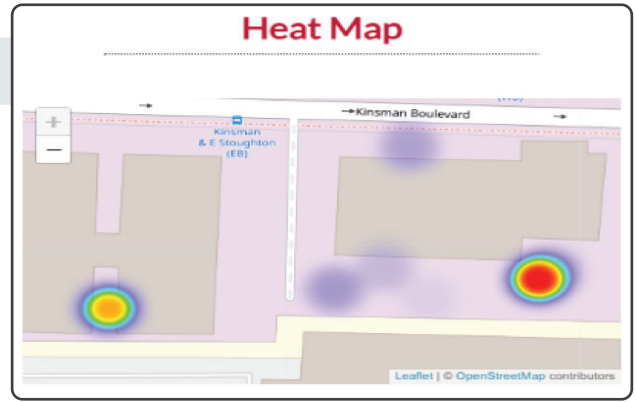


General Portal Improvements

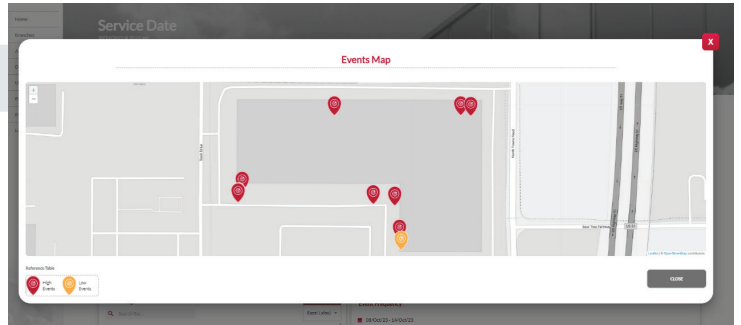
Heat Maps – Improved functionality and overall look of heat maps with more precise device locations. Event totals will appear when hovering over the device.

Maps will be in a new format, with yellow and red pins indicating low vs high activity. Standard heat map images will no longer be used to indicate activity levels, as they make it harder to verify which devices are higher hit based on shade of color in the heat map.

OLD:

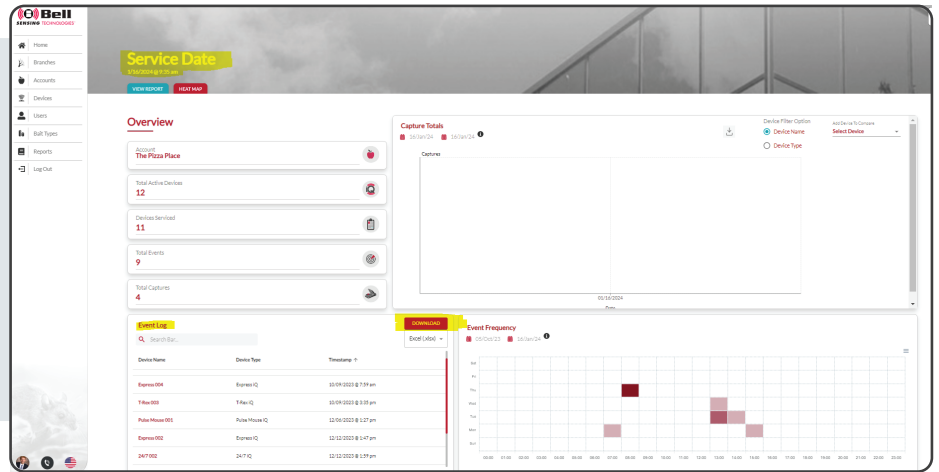


NEW:



Latitude and longitude geocoding data is now available when downloading the Event Log at the Service Visit level

When navigating any Service Visit page, click on date of an individual service visit to be taken to the Service Visit homepage - then click "Download" under the Event Log widget



The downloaded Event Log will now have the Latitude and Longitude geocoding data generated from the Events Map above included in the Excel file.

Event	Date	Updated	Updated By	Active	Device Serial	Device	Device Model	Service Date	Service Is Capture	Service Bait Used	Service Bait Type	Latitude	Longitude
Event 1	2023-12-06 1:27 pm	2024-01-16 9:38 am	skeller@bellsensing.com	True	F2228B14430C	Pulse Mouse 001	Pulse Mouse iQ	2024-01-16 9:35 am	True	2	Contrac Blox	43.202027119736606	-89.3279842660663
Event 2	2023-12-12 2:00 pm	2024-01-16 9:38 am	skeller@bellsensing.com	True	F2228B14430C	Pulse Mouse 001	Pulse Mouse iQ	2024-01-16 9:35 am	True	2	Contrac Blox	43.202027119736606	-89.3279842660663
Event 3	2024-01-04 8:11 am	2024-01-16 9:38 am	skeller@bellsensing.com	True	F2228B14430C	Pulse Mouse 001	Pulse Mouse iQ	2024-01-16 9:35 am	True	2	Contrac Blox	43.202027119736606	-89.3279842660663
Event 4	2023-12-12 1:47 pm	2024-01-16 9:38 am	skeller@bellsensing.com	True	A9DA14445B38	Express 002	Express iQ	2024-01-16 9:36 am	False	4	Contrac Blox	43.20195115539172	-89.32801117266423
Event 5	2023-12-12 1:59 pm	2024-01-16 9:38 am	skeller@bellsensing.com	True	30F32DE20A68	24/7 002	24/7 iQ	2024-01-16 9:36 am	True	0		43.20200726842129	-89.3279831549036
Event 6	2024-01-04 8:11 am	2024-01-16 9:38 am	skeller@bellsensing.com	True	30F32DE20A68	24/7 002	24/7 iQ	2024-01-16 9:36 am	True	0		43.20200726842129	-89.3279831549036
Event 7	2023-10-09 3:35 pm	2024-01-16 9:38 am	skeller@bellsensing.com	True	9780AB14430C	T-Rex 003	T-Rex iQ	2024-01-16 9:37 am	True	0		43.20200387676816	-89.32807200331455
Event 8	2023-10-05 8:49 am	2024-01-16 9:38 am	skeller@bellsensing.com	True	88DD12445B38	Express 004	Express iQ	2024-01-16 9:36 am	False	4	Contrac Blox	43.201943664767164	-89.32800891176888
Event 9	2023-10-09 7:59 am	2024-01-16 9:38 am	skeller@bellsensing.com	True	88DD12445B38	Express 004	Express iQ	2024-01-16 9:36 am	False	4	Contrac Blox	43.201943664767164	-89.32800891176888