



Platform mobile app (v1)

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1. VAS Platform Mobile App (v1)

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- ✓ **Download the mobile app and see how herd, feed, and parlor management can be faster and easier than ever before!**

Access your data when you need it most – anyplace, anytime – from your mobile device. The mobile app gives you access to the valuable data you need to make important decisions from your phone or tablet.

The mobile app provides a subset of the features that are available in the [web version of PULSE](#) so that you have the tools you need most while you're out on the dairy. Mobile app data remains synchronized as long as your device has an active data connection. This helps to ensure that your data is as recent as possible while you are out with the herd.



1.1. Tips for Using the Mobile App (v1)

See the topics below to learn more:

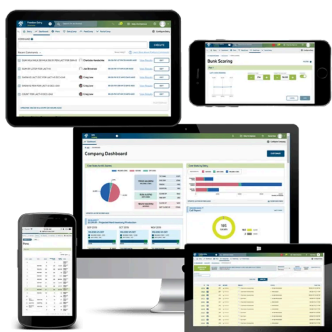
- [PULSE vs. the Mobile App—Understanding the Differences](#)
- [Using the VAS Platform Mobile App \(v1\)](#)
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1.1.1. PULSE vs. the Mobile App— Understanding the Differences

As mentioned in other topics in the [Get Started](#) section, PULSE has two main components for viewing and managing dairy data—the **web version of** PULSE and the mobile app. While the web version and the mobile app share the same data, what you can do with each differs. Expand the sections below to learn more:

✓ Use PULSE to monitor your data

The web version of PULSE is available through a browser at <https://platform.vas.com> from any desktop computer, laptop, or mobile device that has an **active** WiFi or data connection (e.g., a tablet or mobile phone).



The primary purpose of the web version of PULSE is to **monitor, manage, and analyze the status of your dairy**. As such, it is typically used by dairy owners and managers, herd and feed managers, and dairy consultants.

PULSE brings together your most important feed, herd, parlor, and industry partner data into a single web-based platform, offering the following capabilities from any web browser:

- Easy access to your data in a single, web-based format
- Access to data such as animal records, lactation information, and milk production
- Dashboards so you can graph animal data to provide important insights
- **Command line** functionality to generate many of the same reports you do in DairyComp 305 (for DC Unlimited dairies)
- **Worklist** and event status data

✓ Use the mobile app to perform work

The mobile app is primarily used for work on the dairy. While the mobile app allows you to look up most of the same **CowCard** information that's in the web version of PULSE, you can also use the mobile app to scan animals, enter animal events (BRED, MOVE, etc.), process worklists, and enter embryo transfer events.

Unlike the web version of PULSE, the mobile app can be used both online **or offline** and has the ability to work with a paired Bluetooth device to make scanning and working with animals even easier.

With the functionality defined above, the mobile app is typically used while workers are outside the office or cow-side.

✓ **Feature Summary: PULSE vs. the Mobile App**

The main functions of the web version of PULSE and the mobile app are summarized below:

Function	Web Version of PULSE	Mobil e App
View dairy and company dashboards	✓	
Search for an animal and view its CowCard	✓	✓
View historical lactation data on the CowCard (including all events, testdays, lactation totals, and pen changes)	✓	
Customize <u>View Animal Details</u>	✓	
View item definitions	✓	
Utilize Industry Partners data/widgets	✓	
Work with RFID scanners		✓
Use <u>Command Line</u> to run common DairyComp 305 reports (DC Unlimited dairies)	✓	

Function	Web Version of PULSE	Mobil e App
View and edit <u>FeedWatch</u> data Tell me more! • <u>FeedWatch Overview Page</u> • View Ingredients and details • View Inventory and Projections with details • Edit DM% of ingredients and by location • Equipment export after changes • Change recipe mixing order • View and Change DM and AF quantities • Bunk scoring – see last 4 days intake and can edit animals fed and target DM/HD	✓	
View <u>Parlors</u> data	✓	
View pens list and pen details	✓	
Process worklists		✓
View open worklists	✓	✓
Monitor worklist progress (view percent completed as work is performed, avatar of who completed task)	✓	
View & enter events	✓	✓
Make pen corrections		✓
Enter embryo transfer events, selecting fresh and frozen embryos from inventory		✓
Add embryos to fresh and frozen inventory	✓	✓
Edit and delete embryos from inventory	✓	

1.1.2. Using the VAS Platform Mobile App (v1)

The VAS Platform mobile app (v1) provides the most recent animal data while you are out with the herd or away from the dairy.

Please be aware that the mobile app displays only the most recent events, tests, and lactations, and only for animals that are alive and on the dairy. For full access to historical animal activity, tests, etc., use the [web version of PULSE](#).

✓ Online and Offline Mode

When the mobile app has an active WiFi or data connection, you can refresh your data. If you go outside of data range, the app will continue to work in offline [mode](#). Once you are back in data range, you can refresh your data and view the latest updates.

NOTE: While the mobile app allows you to continue working in offline mode, some features in the mobile app require you to be online to see data.

See the topics below to learn more:

- [Does the mobile app use my cell phone data?](#)
- [What if I have poor or limited internet access in the barn? Can I still use PULSE?](#)

✓ Using Mobile App Features

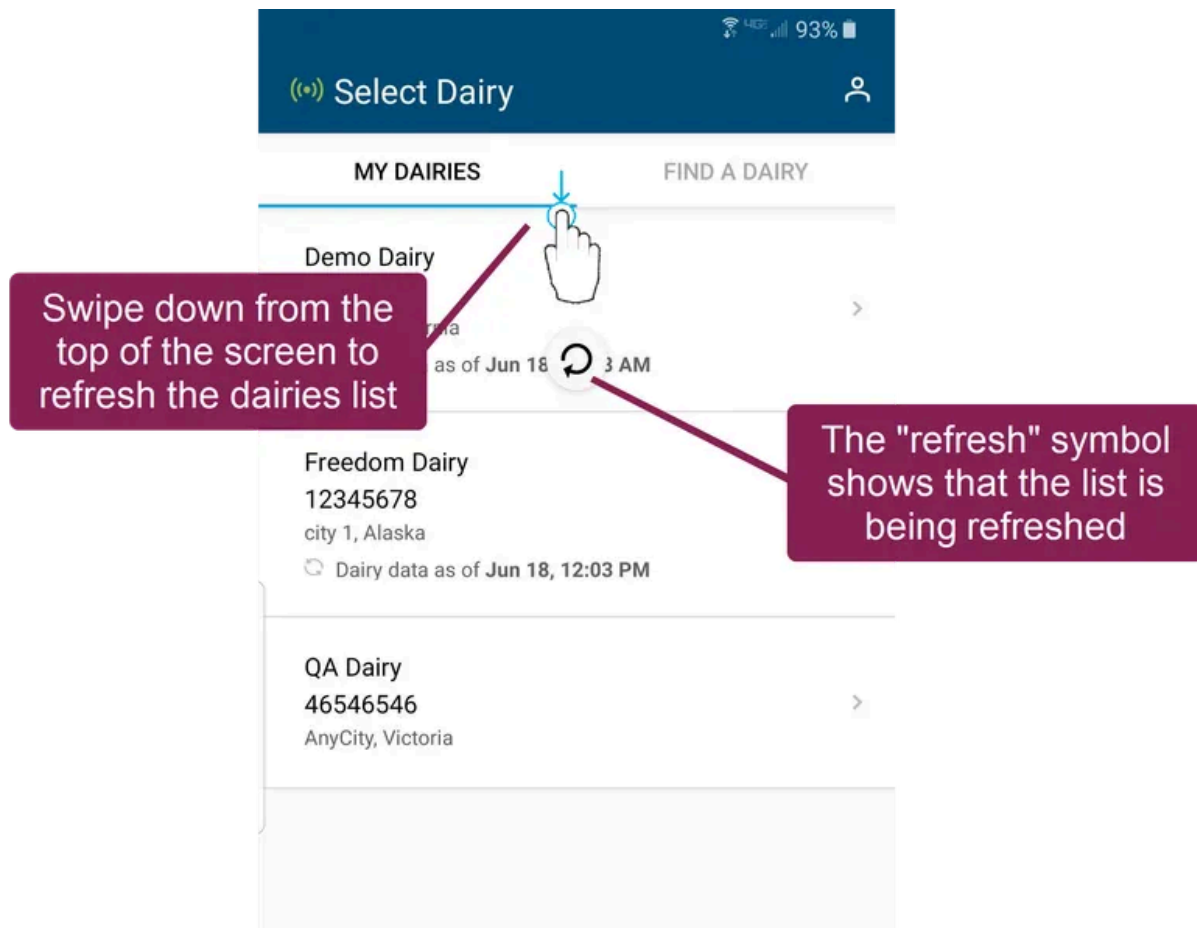
The following topics explain how to use the main features in the mobile app:

- [Animals on Mobile \(v1\)](#)
- [Tasks & Worklists \(v1\)](#)
- [Event Entry \(v1\)](#)
- [Manage Mobile App Data \(v1\)](#)
- [User Account Page \(v1\)](#)

✓ Set Up Multiple User Accounts on a Shared Device

Dairy owners can easily keep a tablet onsite for dairy workers to use during their shifts. Make sure to set up Platform accounts for all workers who will need to use the tablet (see [Invite a User to Your Dairy](#)), and then allow them each to log in to PULSE app on the tablet. Once each user has logged in and set up their PIN, they can choose their user account from the app start-up screen and enter their PIN to use the app.

✓ Refresh My Dairies List



✓ Scroll to See All of your Data

On screens such as the CowCards Events or Lactations tabs, a shaded bar indicates that more information is included for this screen. Swipe left/right and up/down to view all of the data.

Shaded bar indicates there's more information on this screen

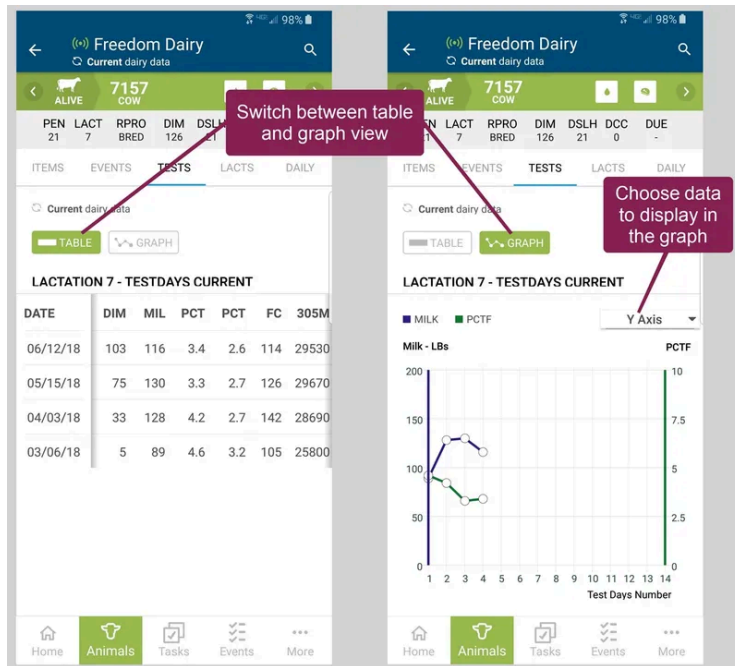
Swipe left/right and up/down to see all data

DATE	EVENT	REMARKS	DETAILS
06/14/18	BRED	7H12587	ovsynch (G)
06/12/18	LAME	WKLF3	Block WLine
06/11/18	OPEN		
06/03/18	DOWNMLK	PEOK	
05/15/18	MOVE	F014T0	
05/14/18	LAME	W01F3	Block WLine
05/10/18	BRED	501/25	Open (O),
05/02/18	MOVE	F026T024	26 => 24
04/13/18	SCORE	30	

Home Animals Tasks Events More

✓ View Graphs of your Information

On some screens, you can tap the Graph option to view your data in a graph.



Related Topics

[Tips for Using the Mobile App \(v1\)](#)

[Animals on Mobile \(v1\)](#)

[Tasks & Worklists \(v1\)](#)

[Event Entry \(v1\)](#)

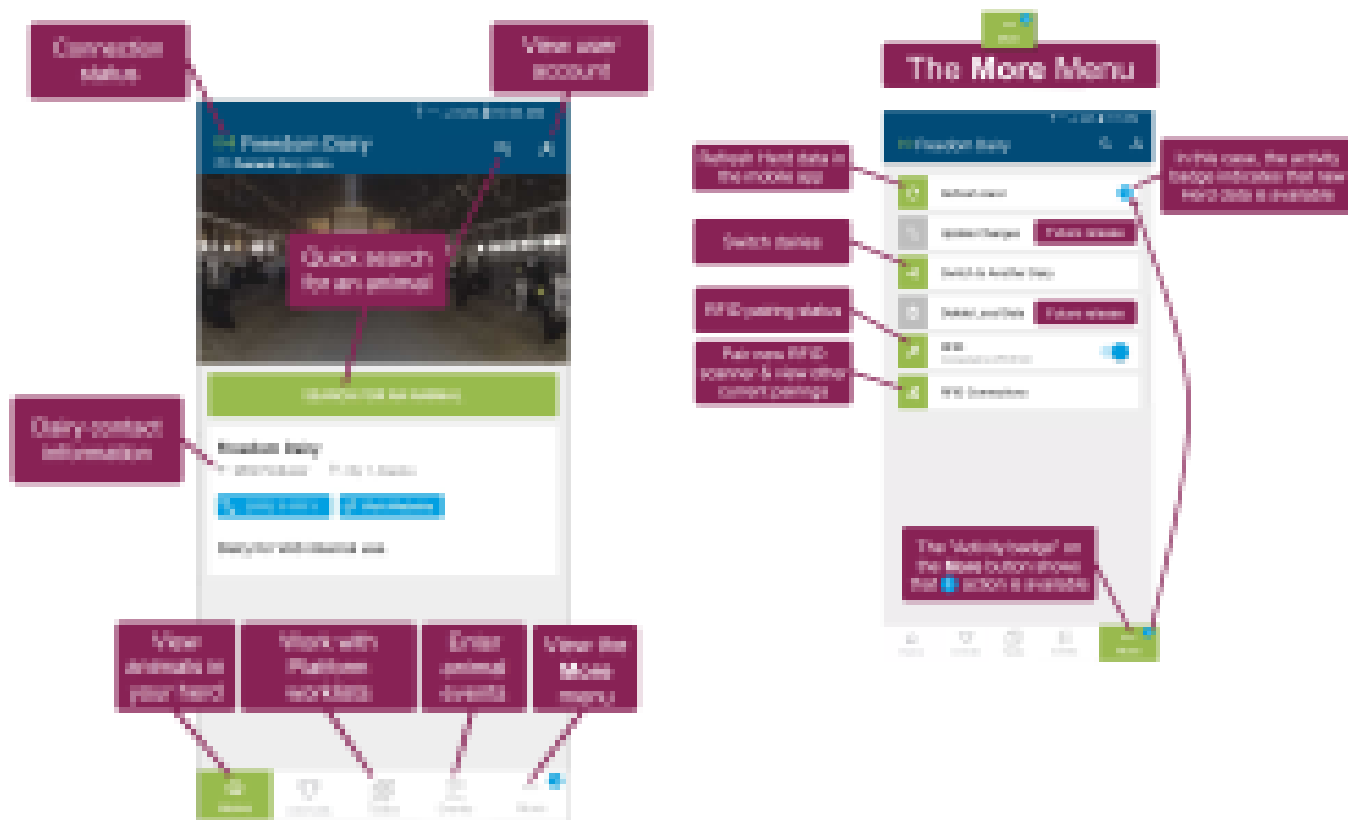
[Manage Mobile App Data \(v1\)](#)

[Work with RFID Scanners \(v1\)](#)

[Account and App Settings \(v1\)](#)

1.1.3. Navigating the Mobile App (v1)

When you launch the VAS PULSE Platform mobile app, it opens to the Home page. See the example below to learn more about your options on the Home page.



✓ I don't see the Home button. How do I find it?

If you do not see the Home button at the bottom of your screen, tap the Back arrow at the top left of the page until you return to one of the main feature screens. From there, you'll find the feature buttons at the bottom of the screen.



✓ Related Topics

- [Animals on Mobile \(v1\)](#)
- [Tasks & Worklists \(v1\)](#)
- [Event Entry \(v1\)](#)
- [Manage Mobile App Data \(v1\)](#)
- [User Account Page \(v1\)](#)

1.1.4. Known Issues and Workarounds (v1)

While the original version of the VAS Platform (v1) mobile app remains available to most markets and we continue to support it, VAS released a newer version of the app: DC on Mobile (v2). As a result, we are no longer adding new features to the VAS Platform (v1) mobile app. For more information about the mobile apps VAS currently offers, see [Mobile Apps](#).

IMPORTANT:

If you use RFID scanners, make sure your iOS device is compatible with your version of the mobile app:

- VAS Platform (v1): iOS versions 18.3.2 and lower. Do **not** upgrade to iOS versions 18.4.0 or greater and be sure to disable automatic updates in iOS settings.
- DC on Mobile (v2): All recent iOS versions, including 18.4.0 and above.

Known issues and workarounds for the VAS Platform (v1) mobile app include:

- April 2025: Datamars RFID scanners are not supported.
- December 2024: **Edit Remark Information** in DairyComp [Event Definitions](#) is not supported.
- December 2024: The [Transaction Log \(v2\)](#) is not available.
- December 2024: The [COLOSTRUM Event \(MyDC only\)](#) is not available.
- |
- December 2024: The [Add Custom Tasks Directly from the Tasks Tab in the CowCard](#) feature is not available.
- December 2024: Events entered in late afternoons or evenings may have the wrong date. We recommend that app users who reside in late [UTC](#) offset time zones refrain from entering events in late afternoons/evenings or upgrade to the DC on Mobile (v2) mobile app.
- December 2024: A dark [mode](#) theme is not available.

To see known issues and workarounds for the DC on Mobile (v2) mobile app, see [**Known Issues and Workarounds \(v2\)**](#).

1.2. Animals on Mobile (v1)

▼ Required Permissions

All users assigned to a role with **Herd Read** permissions can view this feature. Only users who are assigned a role with **Herd Write** permissions can edit data or customize settings.

See the topics below to learn more:

- [Know Your VAS PULSE Version](#)
- [Edit Dairy User Permissions](#)
- [Manage Dairy Roles](#)

 The Animals page in the mobile app allows you to view animals in your herd. When you tap the Animals button at the bottom of the mobile app, it opens to a list of all animals in your herd. From there, use the search field at the top to find a specific animal, or use the Filters option to narrow the list by [RPRO](#) code. Tap on any animal in the list to view its CowCard.

✓ **I don't see the Animals button. How do I find it?**

If you do not see the Animals button at the bottom of your screen, tap the Back arrow at the top left of the page until you return to one of the main feature screens. From there, you'll find the feature buttons at the bottom of the screen.



See the topics below to learn more:

✓ View & Search Animals

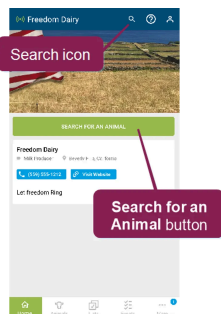
Follow the guidelines below when finding and viewing animals.



1 Tap the **Animals** tab to view a list of all animals in your herd.

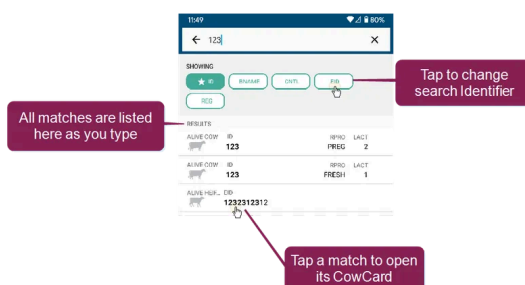
- The list is sorted from lowest to highest **ID** number.
- Scroll up and down to view the list, and use the Search and Filter options defined below to narrow the list.

2 There are two main ways to find an animal in the mobile app: the Search bar and the Animals page. You can use the Search bar at any time by tapping the search icon at the top of the page or the **Search for an Animal** button on the Home Page.

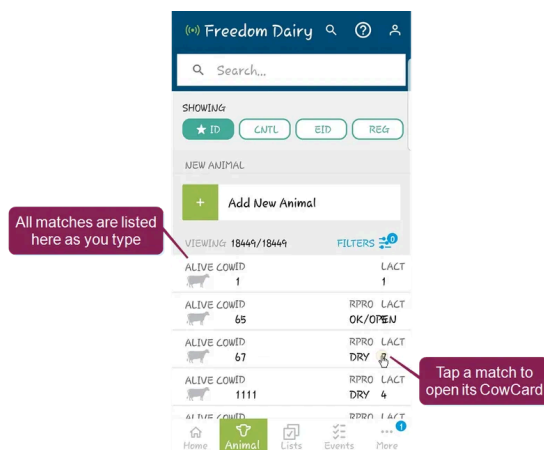


✓ Did you know you can use more than the ID in the Search bar to find an animal?

Once you begin typing your search criteria, all matches that contain all of the characters entered are displayed in a list below the search field. You can find an animal by its ID, **BNAME**, **CNTL**, **VISID**, **REG**, or **EID**, though not all of these items may be available in your dairy. Tap any identifier to search for an animal by the selected identifier.



On the Animals page, you can either scroll through the list of animals at the bottom of the page or use the Search bar and Showing tags to refine your results.



Tap on any match to view the animal's [CowCard](#).

3

Use the Filters option  at the top right of the list to show only specific RPRO codes. The small number displayed on the Filters button shows how many filters are currently applied. See [Filter the Animals List](#) for more information.

4

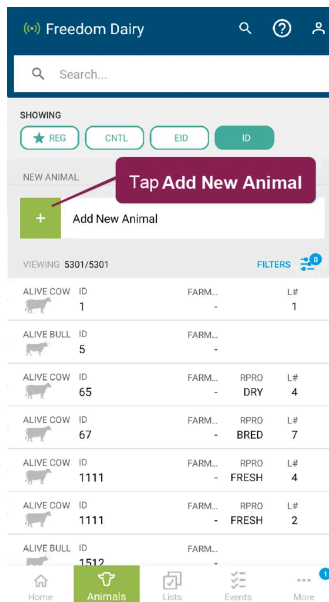
At the top left of the list, you can see how many animals you are currently viewing in relation to the total herd.

✓ Add an Animal

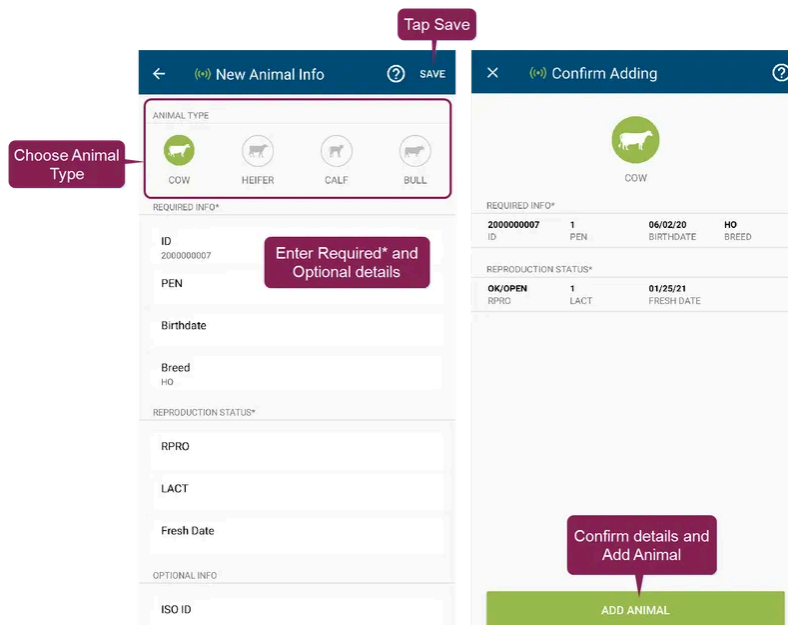
You can easily add a new animal to your herd by tapping the **+ Add New Animal** option at the top of the Animals page and then entering identification information for the animal. Once the animal is added, you can view it within your herd.

Follow these steps to add an animal:

- 1 From the Animals page, tap **+ Add New Animal**.



- 2 Choose the **Animal Type** and add required details.



NOTE: You must enter information in all the required fields, which are marked with an asterisk (*). Depending on the Animal Type selected, different fields are available and required.

- 3 Enter other optional animal details. The Dam **Cow Number**, Dam ISO ID, Dam **Name**, and Sire fields are searchable. Start typing in these fields to search for matching animals.
- 4 Tap **Save**.
- 5 Confirm the animal details and tap **Add Animal**. If you need to correct any of the information you've entered, tap the back button to return to the data entry page.

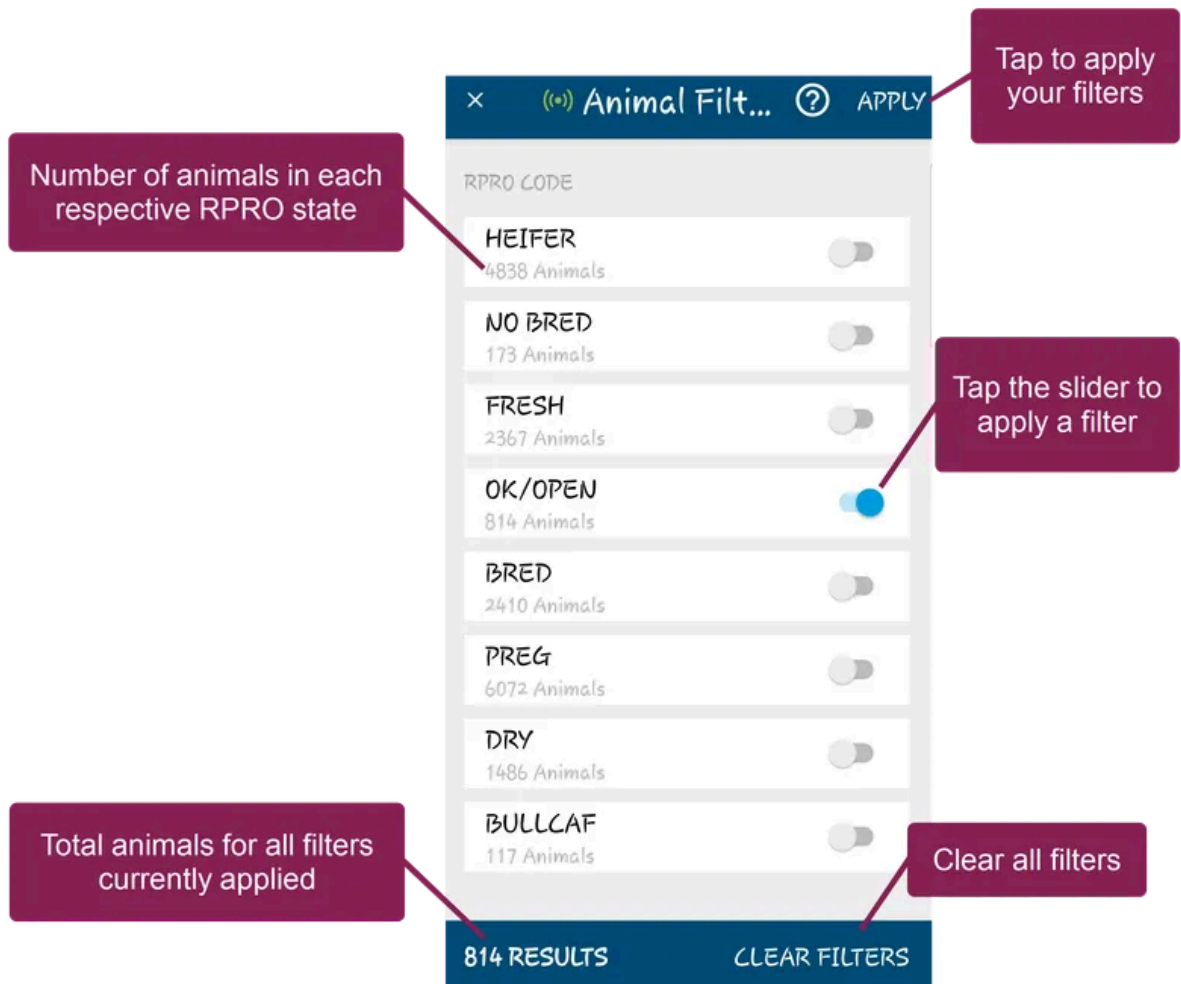
The system displays a message at the bottom of the page stating that the animal was added.

NOTE: If you do not have an active internet connection or are using the app in offline mode, added animals will sync to PULSE as soon as your device is back online.

✓ Filter the Animals List

Follow these steps to filter the animals list:

- 1 Tap the **Filters** option  at the top right of the Animals page to open the Animal Filters page.
- 2 In the **Animal Filters** page, choose one or more RPRO code filters.



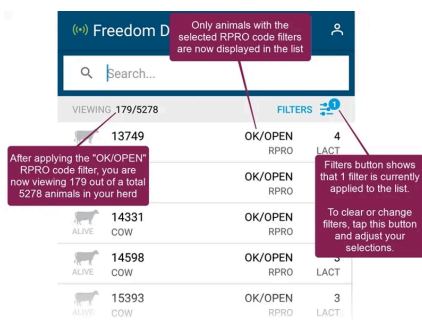
Note the following information on the Animal Filters page:

- The number of animals in each RPRO condition is displayed beneath each RPRO code so that you can see how many animals will be in the list when you apply its respective filter.
- The total number of animals that will be displayed in the filtered list is shown at the bottom left of the page.

- 3 Tap the Apply button at the top right of the Animal Filters page to apply your selected filters.

4

Review your filtered list in the Animals page.

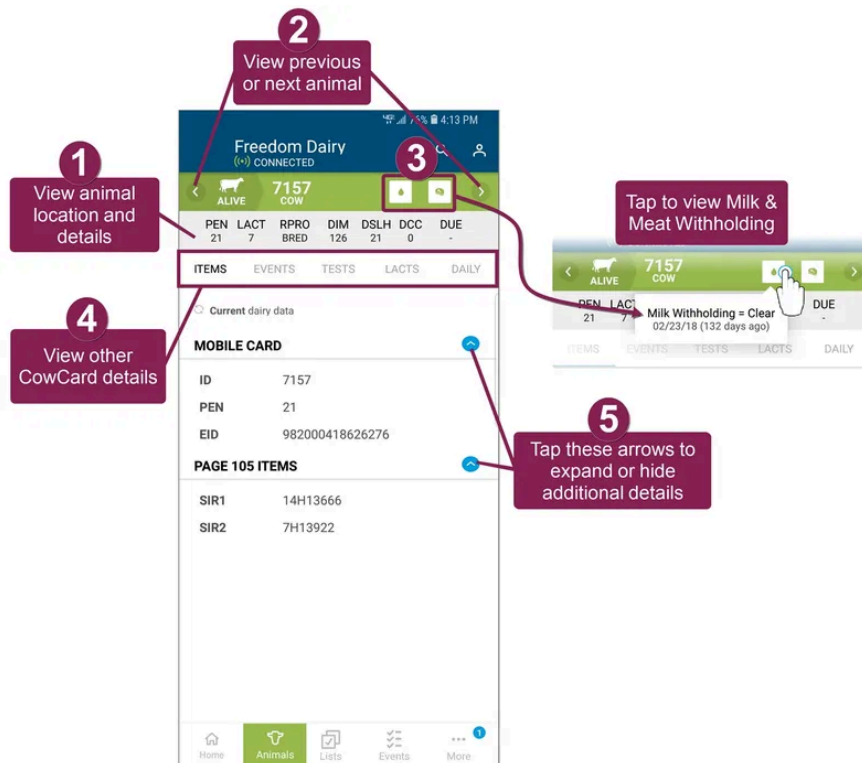


NOTE:

- The codes you select in the Filters list will be the only ones displayed in the Animals list. Be sure to tap **Apply** at the top right of the Animal Filters page to apply your filters.
- When you apply one or more filters, the animals with *non-selected* codes will no longer be displayed in the list.
- To remove all filters, open the Animal Filters page and tap the **Clear Filters** option at the bottom right. This action clears all filters and displays the full list of animals again.
- After applying your filters, the top left of the Animals page adjusts the "Viewing" numbers. As shown in the 2nd example above, after applying the filter to show only the animals with the RPRO code of OK/OPEN, you are now viewing only 179 out of the total 5278 animals in the herd.

✓ View Mobile CowCards

Tap any animal in the Animals page to view its CowCard. When viewing mobile CowCard, follow the guidelines below.



1. View the animal's current location and details at the top of the CowCard.
2. Tap the ◀ and ▶ arrows on the left and right of the green CowCard header to view the previous or next animal.
3. Tap the milk 🥛 and beef 🥩 icons at the top of the page to view the animal's current milk and meat withholding status.
4. Tap the options below the animal details to view other parts of the CowCard, such as Events, Tests, Lactations, Daily Milk, etc.

When viewing daily milk data, each shift is color-coded. If the animal is identified while entering the parlor, but its actual milk weight for a shift is not captured by the parlor equipment, the shift average is added as an estimated milk weight. On the bar graph, estimated milk weights are represented by diagonal stripes. If an animal fails to be identified in the parlor for a shift, no data is included for that shift.

9:40 Freedom Dairy

15932 COW

PEN LACT RPRO DIM DSLH DCC DUE

12 7 BRED 374 170 0 -

EVENTS TESTS LACTS DAILY

TABLE

DAILY MILK (25-SEP TO 02-OCT)

#M	EXP	AVG	DEV	TODAY	10/01
#1	34	34	-2	32	32
#2	29	29	0	29	
#3	39	32	0	32	36
TOTAL	102	95	-2	93	97

Missing data is estimated for the second and third milking shifts

No data is available for this shift

- Tap the small blue   arrows to expand and collapse additional details within each page.

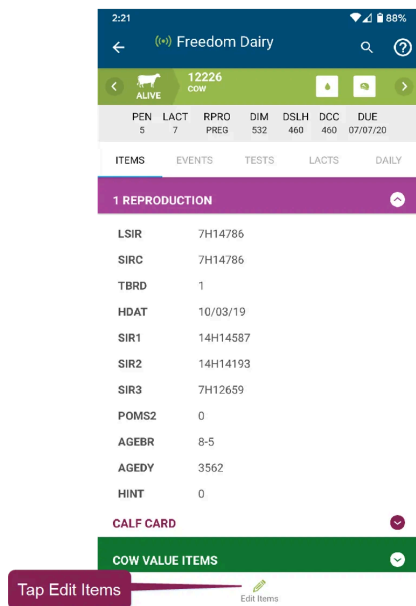
✓ Update Items on Mobile CowCards

Tap any animal in the Animals page to view its CowCard and update items.

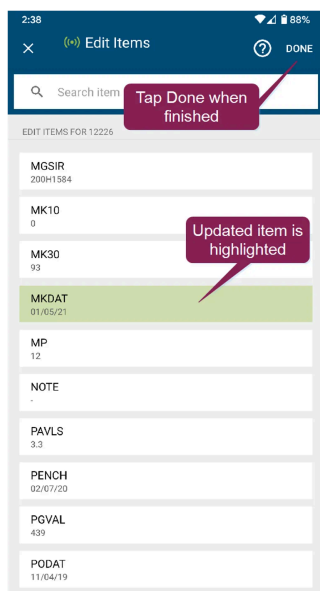
NOTE: Only stored item values can be changed. Calculated item values (such as Age), as well as certain restricted items, cannot be edited.

Follow these steps to edit items:

1. Tap the **Edit Items** button at the bottom of the page.



2. Scroll to find the item to edit and tap the item name.
3. Depending on the item type, the app opens a page that allows you to change the date or text, or to select an item from a list.
4. Enter or choose the correct item.
5. If necessary, update additional items for this animal. Updated items remain highlighted in green until you tap **Done**.



6. Tap **Done** to save your changes.

NOTE: If you do not have an active internet connection or are using the app in offline mode, your item updates will sync to PULSE as soon as your device is back online.

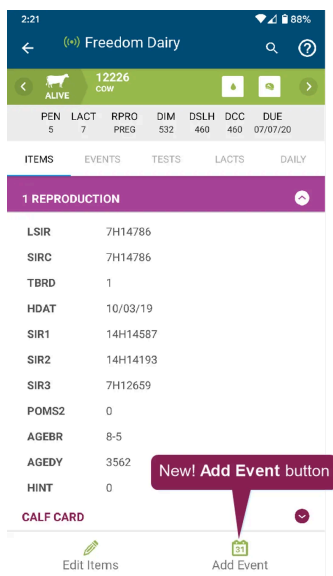
✓ Add an Event to a Mobile CowCard

✓ Required Permissions

Only users who are assigned to a Role with Herd Write permissions can use this feature. If your account only has Herd Read permissions, you will **not** be able to use this feature. See [Edit Dairy User Permissions](#) and [Manage Dairy Roles](#) for more information.

Tap any animal on the Animals screen to view its CowCard. Follow the steps below to continue:

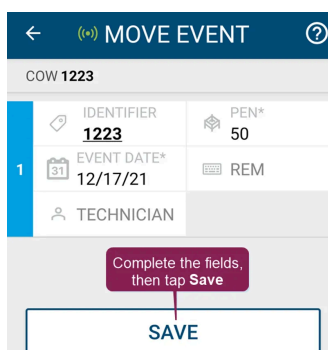
- 1 Tap **Add Event** at the bottom of the screen.



- 2 On the **Add Event** screen, scroll to the event you want to add and tap the event name.

The mobile app opens the event-specific screen. All required fields are marked with the * (asterisk) symbol.

- 3 Tap **Save**.



Once added, the event is displayed on the **Events** tab of the CowCard.

NOTE: Saved events display on the CowCard after a brief delay if you have MyDC. If you have DC Unlimited, saved events display after the system synchronizes with the on-premise DairyComp. If you do not have an active internet connection or are using the app in offline mode, added events will sync to PULSE as soon as your device is back online.

✓ **Related Topics**

See the following topics on the web version of the Animals page and CowCard to learn more:

- [**Animals**](#)
- [**Add Animals**](#)
- [**CowCards at a Glance**](#)
- [**Items**](#)

1.3. Tasks & Worklists (v1)

✓ Required Permissions

Users must have Herd **Read** permissions to view [worklists](#).

Users with Herd **Write** permissions can perform the following additional tasks:

- Mark an animal as DONE from the mobile app or web.
- **Process Changes** and send list updates back to PULSE, DairyComp 305 (for DC Unlimited dairies), or our integrated Platform partner products.
- **Undo** an animal on the DONE list.

See [Edit Dairy User Permissions](#) if you need help updating user permissions.

VAS PULSE Platform Worklists are available for processing from the mobile app, where you can view your lists, look up animals, mark animals as *Done*, and process updates while out on the dairy!

Worklists in PULSE can originate from multiple sources:

- [Template Gallery](#) or [Dairy Reports/Worklists](#) page in the web version of PULSE
- DairyComp 305 and sent to PULSE using the \K switch (to-do lists and vet lists) or the \HK switch (hospital lists)
- Integrated PULSE partner systems

After your worklists are in PULSE, they sync to your mobile devices in the next [care package](#). PULSE currently supports To-Do Lists, Vet Lists, Hospital Lists, and Event Lists.

✓ Features not yet supported

Platform Worklists do not yet support the following features:

- Using voice commands to look up an animal on a list
- Searching for an animal that is not on the list
- Parlor-based hospital lists
- Configurable sounds for hospital lists

See the topics below to learn more:

- [View Tasks & Worklists in the Mobile App \(v1\)](#)
- [Find or Add Animals in Worklists \(v1\)](#)
- [Complete Tasks \(v1\)](#)
- [View Animal Status in the Mobile App \(v1\)](#)
- [Send Worklist Updates to PULSE and DC305 \(v1\)](#)
- [Tips for Using PULSE](#)

1.3.1. View Tasks & Worklists in the Mobile App (v1)

Open the Tasks feature in the mobile app to find all available worklists. Each list type has a unique icon, and the progress bars show each worklist's current status.



	Event List
	Hospital List
	To-Do List
	Vet List
	Open Tasks List (MyDC dairies only)

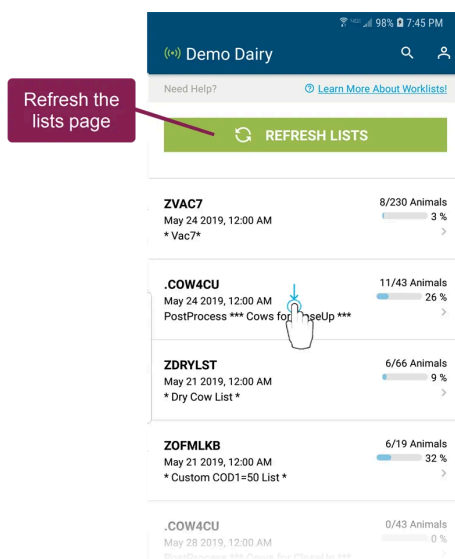
✓ I don't see the Tasks button. How do I find it?

If you do not see the Tasks button at the bottom of your screen, tap the Back arrow at the top left of the page until you return to one of the main feature screens. From there, you'll find the feature buttons at the bottom of the screen.

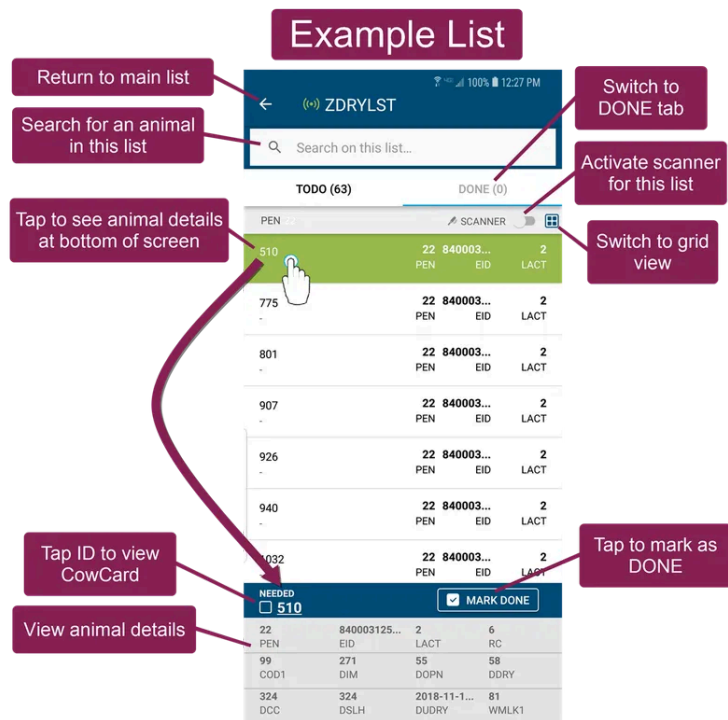


Follow the guidelines below when working with mobile lists:

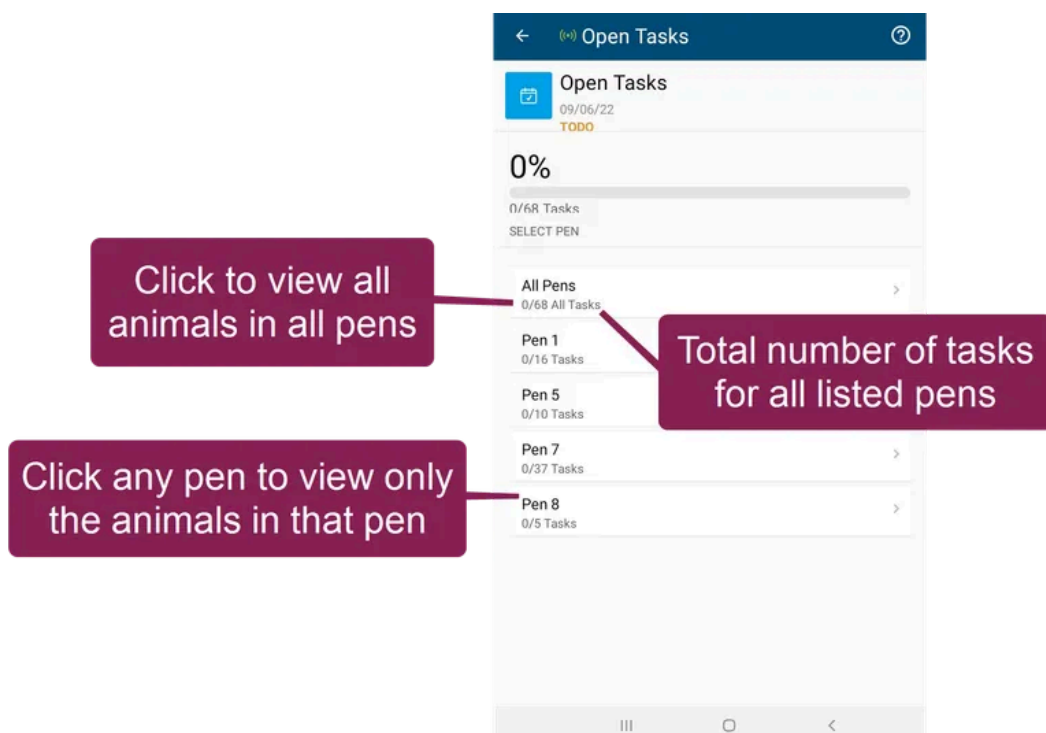
- **Get worklist updates from PULSE:** You can tap the green **Refresh Lists** button to view updates that other users may have processed from other devices.



- **Send animal updates to PULSE:** To process animals, open a list and select a pen. From there, you can search for animals and process their tasks. You can also tap on an animal to view its details at the bottom of the screen.



- **View animals by pen number:** In a mobile worklist, the animals are displayed by the animal's pen number. You can view animals by each pen, or you can view all animals across all pens. To view animals across all pens, simply select the **All Pens** option.

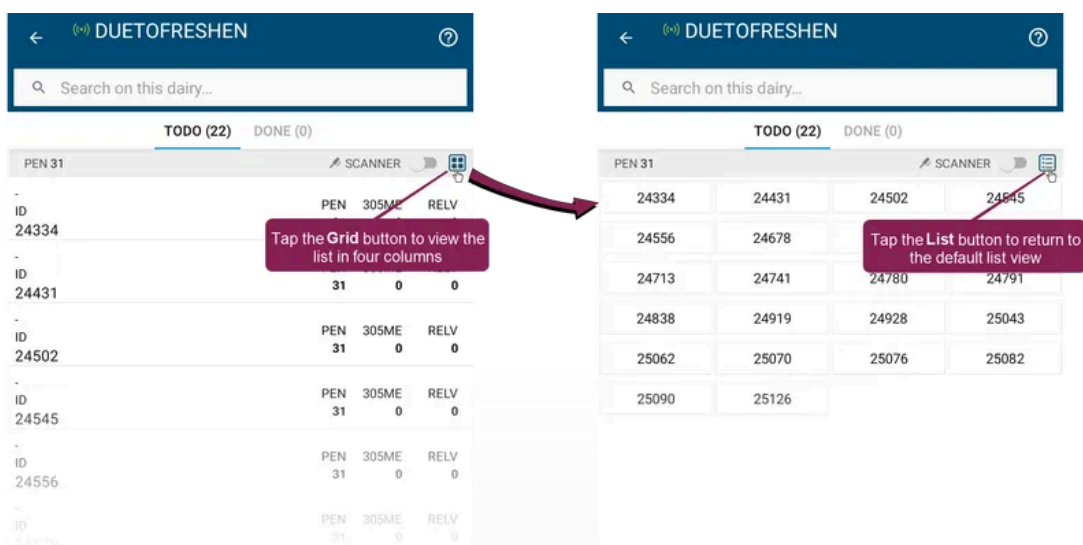


When you select **All Pens** for an Open Tasks list, the system lists all protocol tasks for all animals in all pens. When you select **All Pens** for a hospital list, to-do list, or vet list,

the system lists all animals in all pens that are included on the list.



- **Switch from list view to grid view:** When you select a pen, the animals are displayed in list view by default. Tap the **Grid** button  to see the list of animals in a grid view.



When you're in grid view, tap an animal's identifier to process the animal's assigned tasks. To learn more about processing tasks in a mobile worklist, see [Complete Tasks \(v1\)](#).

✓ [Click here to learn how the system processes tasks for each list in grid view.](#)

-  To-Do List: Tap **Mark Done** to move the task to the DONE tab.
-  Vet List: Tap **Mark as Queued** or **Mark as Done** to move the task to the DONE tab.
-  Hospital List: Tap **Mark as Queued** or **Mark as Done** to move the task to the DONE tab.
-  Open Tasks: If the animal has one assigned task, tap **Skip** or **Complete** to move the task to the DONE tab. If the animal has multiple assigned tasks, select the task you want to check, then tap **Skip** or **Complete**.

IMPORTANT: If you do not see a specific worklist in the mobile app, review the information in [Send Worklists from DC305 to PULSE \(DC Unlimited only\)](#) to ensure that you are generating the list and, if necessary, sending it to PULSE.

✓ Related Topics

- [Permissions required to use Platform Worklists \(v1\)](#)
- [Make Pen Corrections \(v1\)](#)

1.3.2. Find or Add Animals in Worklists (v1)

Tap on a pen number to begin updating animals on your worklist.

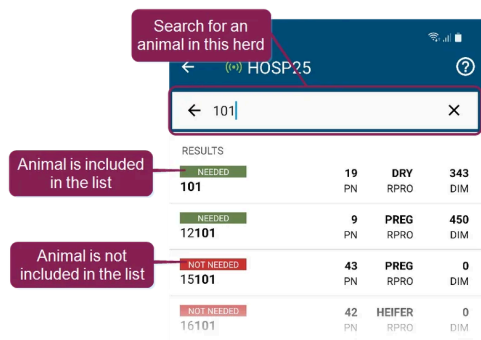


All animals within the pen are displayed by their **ID** number. You have several options for working with animals in a list, including:

- Marking them DONE,
- Adding them to the queue (vet lists only),
- Searching for an animal,
- Scanning an animal,
- Adding more animals to a list, and
- Viewing animals that are already processed.

✓ Search for an Animal

The list search feature is helpful if you have located a specific animal and need to see if it is in your list. You can enter the animal ID in the search bar at the top of the screen, regardless of which pen you are currently viewing.



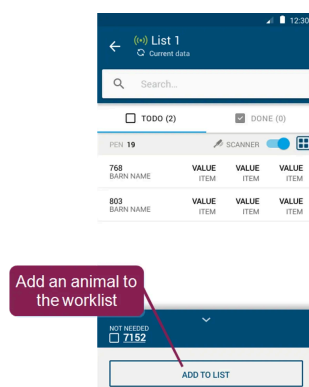
Animals matching your search are identified as needed or not needed:

- **NEEDED:** The animal is in the list.
- **NOT NEEDED:** The animal is not in the list, and you have the option to add it. See [Add Animal to a Worklist](#) to learn more.

NOTE: If the animal is in a different pen than the one you were originally viewing, you may need to go back to the main list screen to return to the pen you were working with prior to the search.

✓ Add an Animal to a Worklist

If you want to add an animal to the list, tap the animal ID in [your search results](#) or scan the animal. Select **Add to List** to add the animal.



NOTE: The animal is added to the worklist on your device only. Other users will not see the animal in the worklist on their devices until you process the animal and select **Mark as Done**.

Proceed to [**Complete Tasks \(v1\)**](#) after you finish finding or adding animals.

✓ **Related Topics**

- [**Permissions required to use Platform Worklists \(v1\)**](#)
- [**Make Pen Corrections \(v1\)**](#)

1.3.3. Complete Tasks (v1)

Worklists include animals that need to be seen by your dairy workers or animal health experts for a variety of reasons, such as performing pregnancy checks or treating animals in a hospital [pen](#). Follow the steps below when checking or treating animals by [worklist](#) type:

▼ **Event List**

Your options for processing animals vary depending on whether an animal has already been marked as DONE. Expand the following topics to learn more:

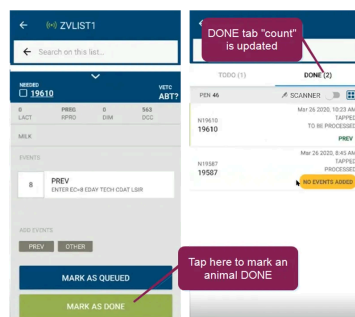
✓ Process an Animal on an Event List

- 1 In the TODO tab, tap or scan any animal to determine if it is needed.
- 2 Tap **Add Event**.
- 3 Tap an event name to start adding an event.
- 4 Once at the event entry screen, enter all required and optional event details. See [Event Entry \(v1\)](#) for more information on available events and entering their details.
- 5 Tap **Save** if you have additional events to add or Save and Mark as Done if this is the only event needed and your check is complete for this animal.
- 6 The event is added for the animal. Add any additional events for the animal using the steps above.

If you need to return to the animal at a later point or to make other changes, you can [Edit an Event](#) or [Delete an Event](#) before marking the animal as Done.

Mark the animal DONE.

After events are added for the animal, tap the **Mark as Done** box, which moves it to the DONE tab and plays the audible cue **Done**. You can also mark the animal as DONE directly from the event entry screen by selecting Save and Mark as Done.



✓ What happens when I mark an animal DONE?

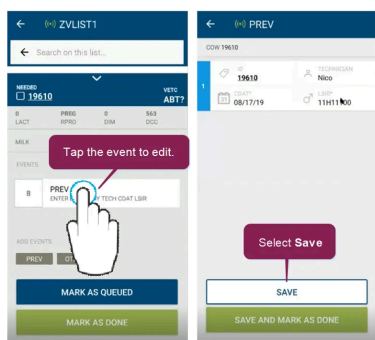
When you set an animal to DONE, the animal moves from the TODO tab to DONE, and the app sends the updated status to PULSE. The app captures the following details:

- Entry date/time
- Entry method (TAPPED and SCANNED are the only methods available in the current release)
- Event(s) (for vet lists and hospital lists only)
- Pen adjustments/corrections

✓ Edit an Event

NOTE: You can only complete the following steps **before** an animal is marked as DONE.

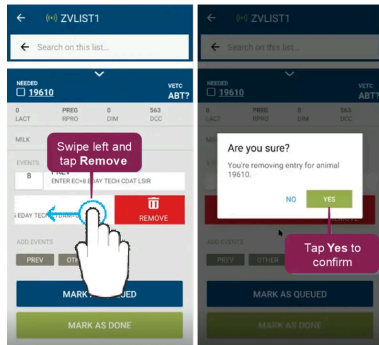
Tap the event. Make any changes on the event entry screen and tap **Save**.



▼ Delete an Event

NOTE: You can only complete the following steps **before** an animal is marked as DONE.

Swipe to the left and tap **Remove**. Tap **Yes** to confirm the deletion.



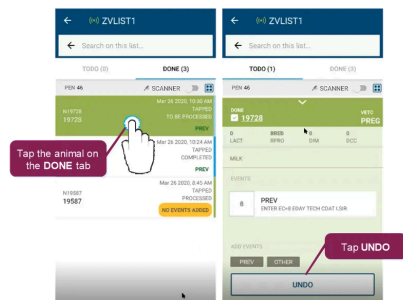
✓ Undo an animal in the DONE list

NOTE: You can only complete the following steps **after** an animal is marked as DONE.

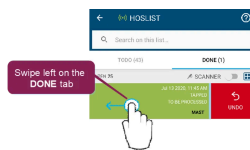
If you mistakenly mark an animal as DONE and have not processed the update yet, follow these steps to undo it:

- 1 Open the list in the mobile app, select the DONE tab, and locate the animal you want to undo. Follow either of these steps:

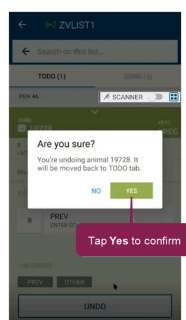
1. Tap the animal and then choose **UNDO**.



Swipe left on the animal.



- 2 Tap **Yes** to confirm the UNDO.



Once you confirm, the app moves the animal back to the TODO tab.

NOTE: Only animals with the status RECEIVED can be undone. If an animal's status is PROCESSING or PROCESSED, the change has already been sent to PULSE and cannot be undone.

✓ **Hospital List**

Your options for processing animals vary depending on whether an animal has already been marked as DONE. Expand the following topics to learn more:

Process an Animal on a Hospital List

The screenshot shows the HOSLIST app interface with the following components and callouts:

- 1** Tap or scan an animal to review its current treatment status here (points to the animal ID 268).
- 2** Active protocols are bolded and completed protocols display below active protocols (points to the active protocols section).
- 3a** Milk and beef withhold details (points to the 09/12/20 MKDAT and 09/23/20 BFDDAT dates).
- 3b** View the treatment day and total days of treatment (points to the 8:13 icon).
- 4** View the icon to determine whether a treatment or check is needed (points to the icon next to the 8:13 icon).
- 5** If necessary, tap to add an event (points to the ADD EVENTS button).
- 6** Tap when you're done checking and treating the animal (points to the MARK AS DONE button).

The app interface includes the following data:

DATE	EVENT	REMARK	DAY
09/12/20	LAME	Typhoid	8:13
09/23/20	LAME	Page 101	8:13
09/23/20	MAST	None	8:13

Buttons: MAST, LAME, MET, RETAINP, KETOSIS, HEAT, OTHER, MARK AS DONE.

- 1 In the TODO tab, tap or scan any animal to determine if it is needed.



2

If necessary, apply the treatment(s) specified for all active protocols. Active protocols are shown in bold text, and completed protocols are displayed below all active protocols.

3

Quickly view important animal details, like:

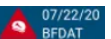
1. The animal's milk and beef withhold dates.
2. The current day of the protocol and total number of days in the protocol are displayed in the DAY field. Day 2:3 indicates the animal is on day 2 of a 3-day protocol.

4

Depending on the animal's status, the app plays sounds to indicate the action required and displays icon(s) to indicate if a treatment is needed.

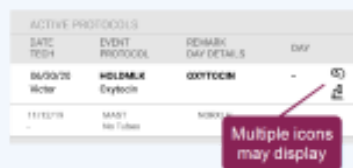
[Click here for a list of audible cues and icons in hospital lists.](#)



Audible Cue	Icon	Description and/or Required Action
Treat this animal		Animal is on active protocol(s) and requires treatment. The current day of the protocol and total number of days in the protocol are displayed in the DAY field. Day 2:3 indicates the animal is on day 2 of a 3-day protocol.
Evaluate and hold		Treatment protocol(s) are complete, but there is an active milk withhold (<u>MKDAT>TODAY</u>) and/or beef withhold (<u>BFDAT>TODAY</u>). Active withholds are indicated at top of the screen with a red icon and the end date.  
Check for residue		Treatment protocol(s) are complete, and the milk withholding period has ended (MKDAT=TODAY). Completed withholds are indicated at the top of the screen with a white icon and the end date.  
Ready for Beef		Treatment protocol(s) are complete, and the beef withholding period has ended (BFDAT=TODAY). Completed withholds are indicated at the top of the screen with a white icon and the end date.  
Needed	n/a	Animal is on the hospital list, but not currently on a protocol or a milk or beef withhold.
Buzz	n/a	Animal is not on the hospital list.

Audible Cue	Icon	Description and/or Required Action
Check device date; events are in the future	n/a	The diagnosis event date occurs on a future date. Verify that the device date is set correctly.

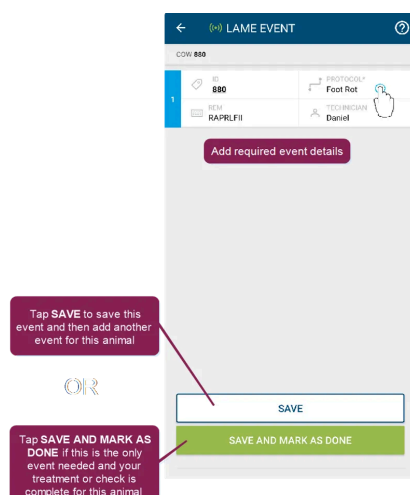
NOTE: It is possible for an animal to have more than one status, and in that case you will hear more than one sound and see multiple icons. For example, if an animal's milk and beef withholds end on the same day, you will hear both "Check for residue", "Ready for beef", and both icons display.



DATE TEST	EVENT PROTOCOL	REMARK DAY DETAILS	DAY
8/30/2018	HELMARK Drytech	00000000	-
11/13/2018	MAST No Tubes	NOV13	-

Multiple icons may display

- 5 If the animal has a new diagnosis, go to the bottom of the screen and tap the event name or OTHER to start adding an event.



Tap **SAVE** to save this event and then add another event for this animal

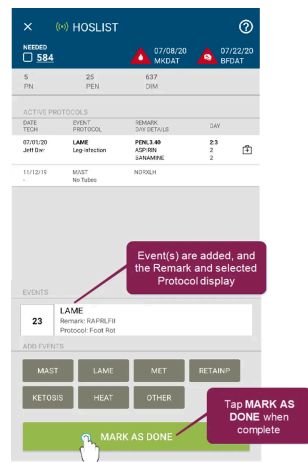
OR

Tap **SAVE AND MARK AS DONE** if this is the only event needed and your treatment or check is complete for this animal

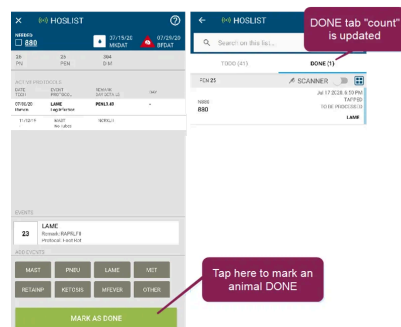
Once at the event entry screen, enter all required and optional event details. See [Event Entry \(v1\)](#) for more information on available events and entering their details.

If you only needed to add this one event and your treatment or check is complete for this animal, then tap **Save and Mark as Done** to add the event to the animal, including the Remark and Protocol details.

This example illustrates an event added to the animal.



After the treatment or check is complete and any new events are added, tap the **Mark as Done** box, which moves it to the DONE tab and plays the audible cue **Done**. You can also mark the animal as DONE directly from the event entry screen by selecting **Save and Mark as Done**.



✓ What happens when I mark an animal DONE?

When you set an animal to DONE, the animal moves from the TODO tab to DONE, and the app sends the updated status to PULSE. The app captures the following details:

- Entry date/time
- Entry method (TAPPED and SCANNED are the only methods available in the current release)
- Event(s) (for vet lists and hospital lists only)
- Pen adjustments/corrections

✓ Add More Events

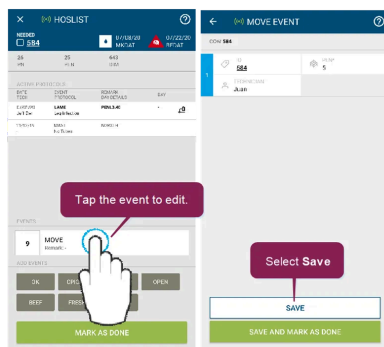
NOTE: You can only complete the following steps **before** an animal is marked as DONE.

If you need to select additional events, tap **Save** and add any additional events for the animal using the steps above. If the animal has passed a check, has no milk or beef withholds, and is ready to move out of the hospital pen, proceed by adding a **MOVE event**.

✓ Edit an Event

NOTE: You can only complete the following steps **before** an animal is marked as DONE.

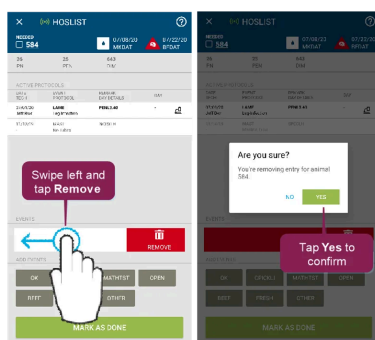
Tap the event. Make any changes on the event entry screen and tap **Save**.



✓ Delete an Event

NOTE: You can only complete the following steps **before** an animal is marked as DONE.

Swipe to the left and tap **Remove**. Tap **Yes** to confirm the deletion.



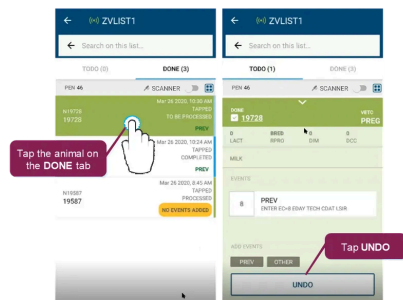
✓ Undo an animal in the DONE list

NOTE: You can only complete the following steps **after** an animal is marked as DONE.

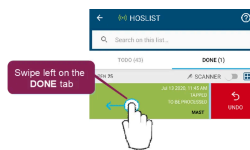
If you mistakenly mark an animal as DONE and have not processed the update yet, follow these steps to undo it:

- 1 Open the list in the mobile app, select the DONE tab, and locate the animal you want to undo. Follow either of these steps:

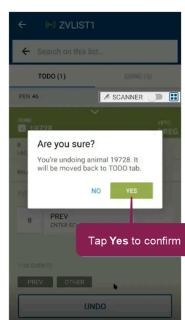
1. Tap the animal and then choose **UNDO**.



Swipe left on the animal.



- 2 Tap **Yes** to confirm the UNDO.



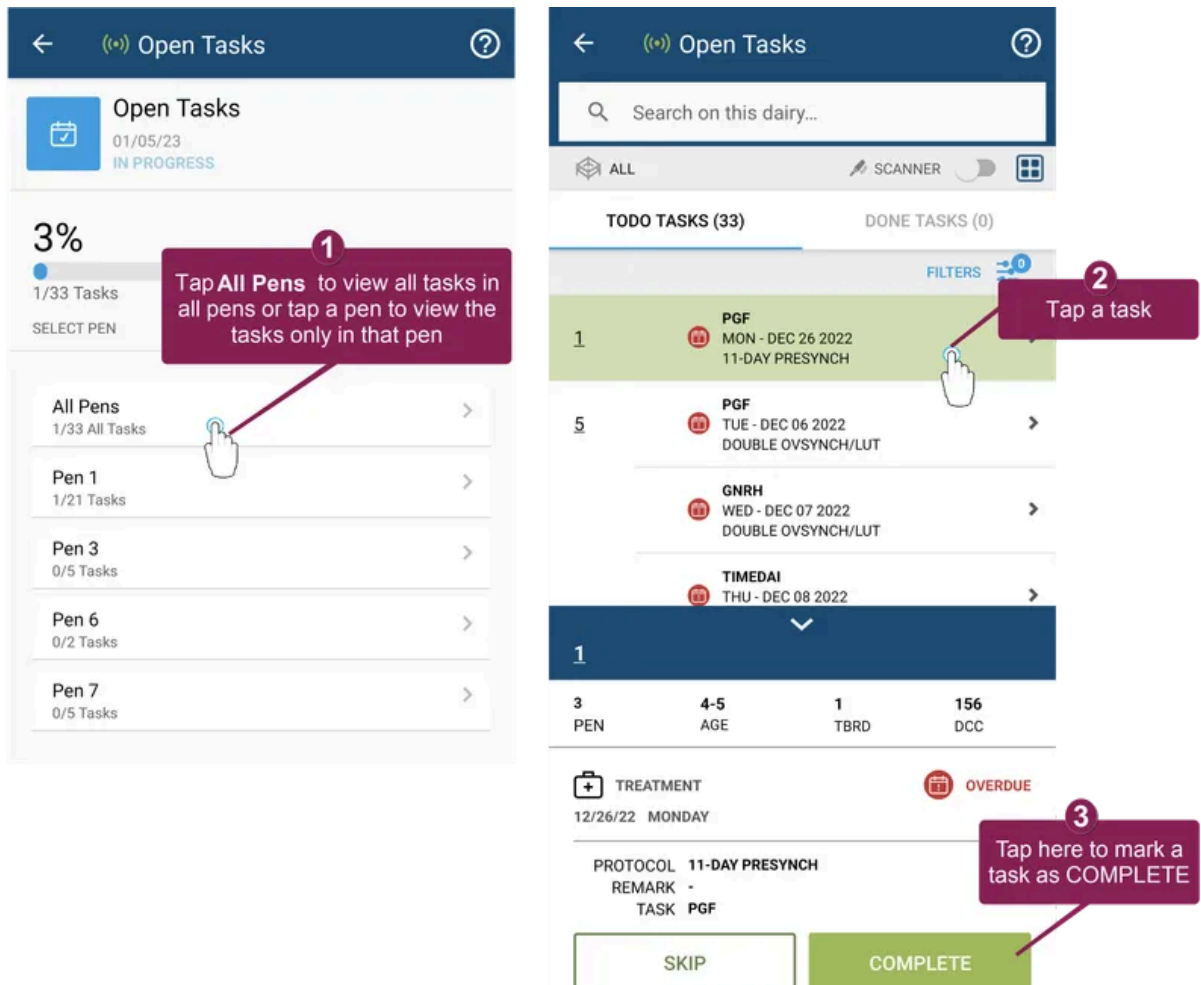
Once you confirm, the app moves the animal back to the TODO tab.

NOTE: Only animals with the status RECEIVED can be undone. If an animal's status is PROCESSING or PROCESSED, the change has already been sent to PULSE and cannot be undone.

✓ Open Tasks List

Follow these steps to process an animal on an Open Tasks list:

- 1 From the Open Tasks list, tap **All Pens** to view all tasks in all pens or tap on a pen to view tasks only in that pen.



✓ Click here to learn about filtering open tasks in mobile

After you select a pen (or all pens) in your Open Tasks list, you can tap **Filters** at the top right of the screen to set your options. A badge on the icon indicates how many filters are currently applied to your list. Proceed to [**Complete Tasks \(v1\)**](#) to learn more about working with protocol tasks in mobile.

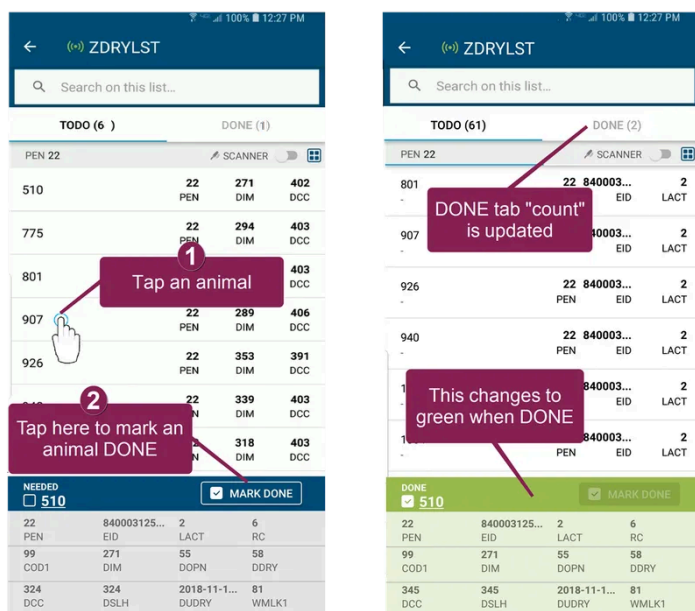
- 2 In the TODO tab, tap an animal's protocol task.
- 3 Mark the task as Complete or Skip, which moves it to the DONE tab and prompts the system to play the audible cue.

NOTE: If you mark a task as Complete, the tasks can only be undone for animals with the status RECEIVED. If an animal's status is PROCESSING or PROCESSED, the change has already been sent to PULSE and cannot be undone.

See [Manage Protocol Tasks](#) to learn more about processing protocol tasks.

✓ To-Do List

Follow these steps to process an animal on a to-do list.



1. In the TODO tab, you can tap any animal to determine if it is needed (indicated by the audible cue **Need Her**).
2. If the animal is needed, tap the **Mark Done** box, which moves it to the DONE tab and plays the audible cue **Done**.

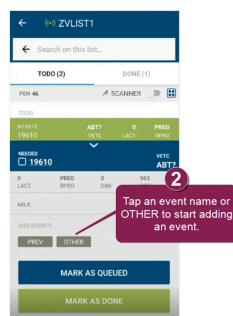
If you are using a scanner and a scanned animal is needed, the animal automatically moves to the DONE tab. See [If you are using a scanner](#) below to learn more about using scanners with worklists.

✓ **Vet List**

Your options for processing animals vary depending on whether an animal has already been marked as DONE. Expand the following topics to learn more:

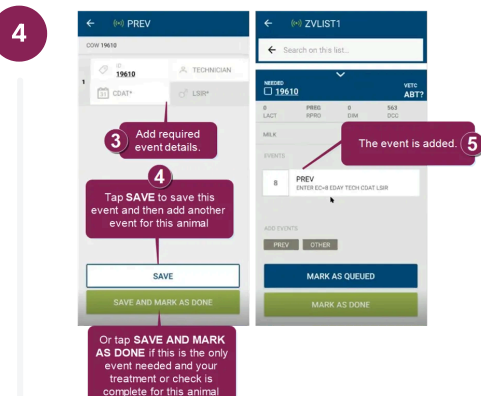
Process an Animal on a Vet List

- 1 In the TODO tab, tap or scan any animal to determine if it is needed.
Depending on the vetcode for the animal, the app plays a sound to indicate the action required.
- 2 Tap an event name or OTHER to start adding an event. Depending on the vetcode or reason for the check, the list of preassigned events varies.



See [Edit Vetcode Settings and Event Shortcuts](#) for more information on assigning events to a vetcode.

- 3 Once at the event entry screen, enter all required and optional event details.





See [Event Entry \(v1\)](#) for more information on available events and entering their details.

Tap **Save** if you have additional events to add or Save and Mark as Done if this is the only event needed and your check is complete for this animal.

5

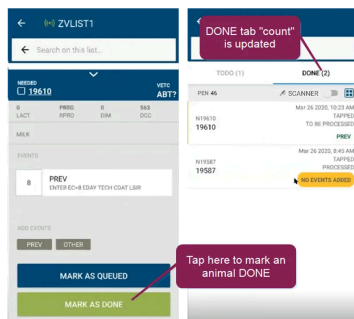
The event is added for the animal. Add any additional events for the animal using the steps above. If you need to return to the animal at a later point or to make other changes, use the following options before marking the animal as Done:

- [Mark an Animal as Queued](#)
- [Edit an Event](#)
- [Delete an Event](#)

6

Mark the animal DONE.

After events are added for the animal, tap the **Mark as Done** box, which moves it to the DONE tab and plays the audible cue **Done**. You can also mark the animal as DONE directly from the event entry screen by selecting Save and Mark as Done.



✓ What happens when I mark an animal DONE?

When you set an animal to DONE, the animal moves from the TODO tab to DONE, and the app sends the updated status to PULSE. The app captures the following details:

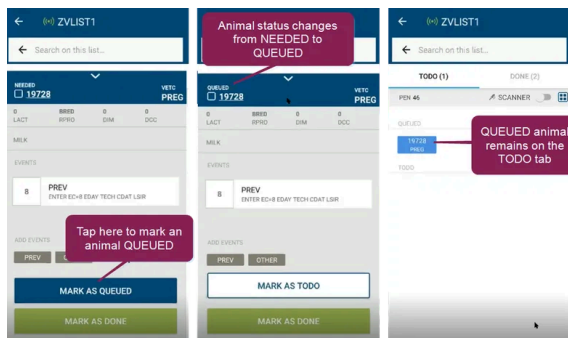
- Entry date/time
- Entry method (TAPPED and SCANNED are the only methods available in the current release)
- Event(s) (for vet lists and hospital lists only)
- Pen adjustments/corrections

✓ Mark an Animal as Queued

NOTE: You can only complete the following steps **before** an animal is marked as DONE.

Tap Mark as Queued if you require more time or additional information to complete the animal check or to gather diagnosis details.

This changes the animal status to queued, and it remains in the QUEUED section of the TODO tab.

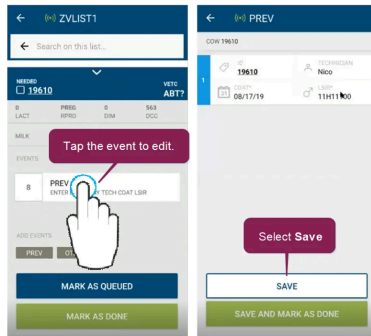


NOTE: Queued animals remain on the TODO tab on your device until you are ready to mark them as done. Other users working on the same worklist will not see the animals queued on your device and may process them independently from another device. Platform records only the first time an animal is processed, and displays an error message if you attempt to process an animal a second time. See [View Animal Status in the Mobile App \(v1\)](#) for more information.

▼ Edit an Event

NOTE: You can only complete the following steps **before** an animal is marked as DONE.

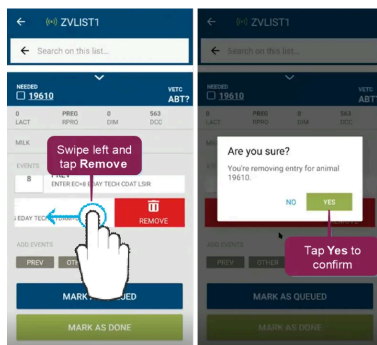
To edit an event, tap the event. Make any changes on the event entry screen and tap **Save**.



▼ Delete an Event

NOTE: You can only complete the following steps **before** an animal is marked as DONE.

To delete an event, swipe to the left and tap **Remove**. Tap **Yes** to confirm the deletion.



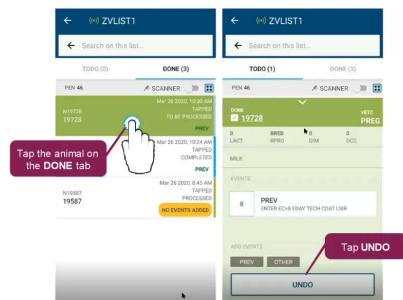
✓ Undo an animal in the DONE list

NOTE: You can only complete the following steps **after** an animal is marked as DONE.

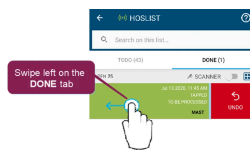
If you mistakenly mark an animal as DONE and have not processed the update yet, follow these steps to undo it:

- 1 Open the list in the mobile app, select the DONE tab, and locate the animal you want to undo. Follow either of these steps:

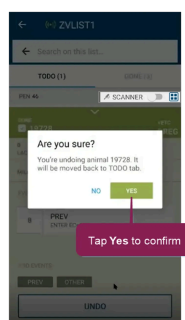
1. Tap the animal and then choose **UNDO**.



Swipe left on the animal.



- 2 Tap **Yes** to confirm the UNDO.



Once you confirm, the app moves the animal back to the TODO tab.

NOTE: Only animals with the status RECEIVED can be undone. If an animal's status is PROCESSING or PROCESSED, the change has already been sent to PULSE and cannot be undone.

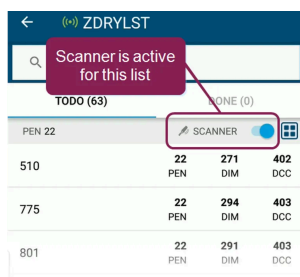
IMPORTANT: PULSE processes worklist updates for animals in the order they are completed, and the last event or status change supersedes previous animal updates. For instance, if an animal is on a vet list for a pregnancy check and is marked as PREG, and is later determined to have aborted, ABORT is the final status and animal details adjust accordingly.

Proceed to [Send Worklist Updates to PULSE and DC305 \(v1\)](#) when done treating or checking animals on your worklist.

Need help with other tasks?

✓ If you are using a scanner

- Make sure the scanner is activated for the list (see example below).
- Scan animals to see if they are on a worklist. For to-do lists, animals automatically move to DONE tab if they are scanned and on the list. Vet lists and hospital lists require you to mark animals as done after you finish processing them.
- If a scanned animal is not needed, the app plays an audible "not needed" buzz, and the animal number displays briefly in red at the bottom of the screen. Scan or tap another animal to continue.

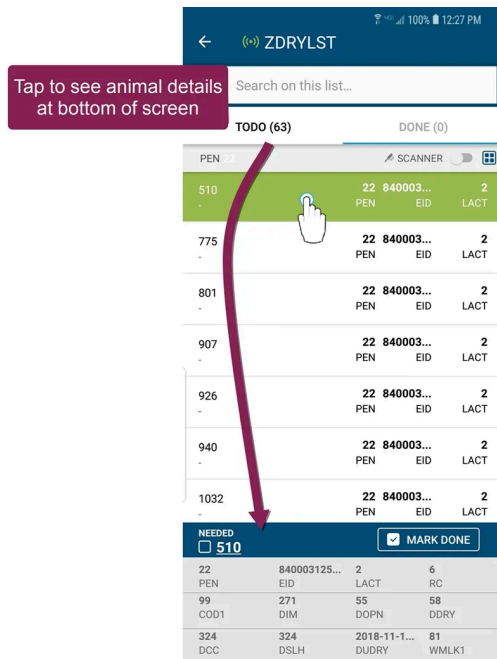


Note that the scanner connection switch is only available in the Android version of the app. iOS devices automatically connect to paired scanners, so instead of seeing the switch, you will simply see that the scanner status is either connected (blue) or disconnected (gray).

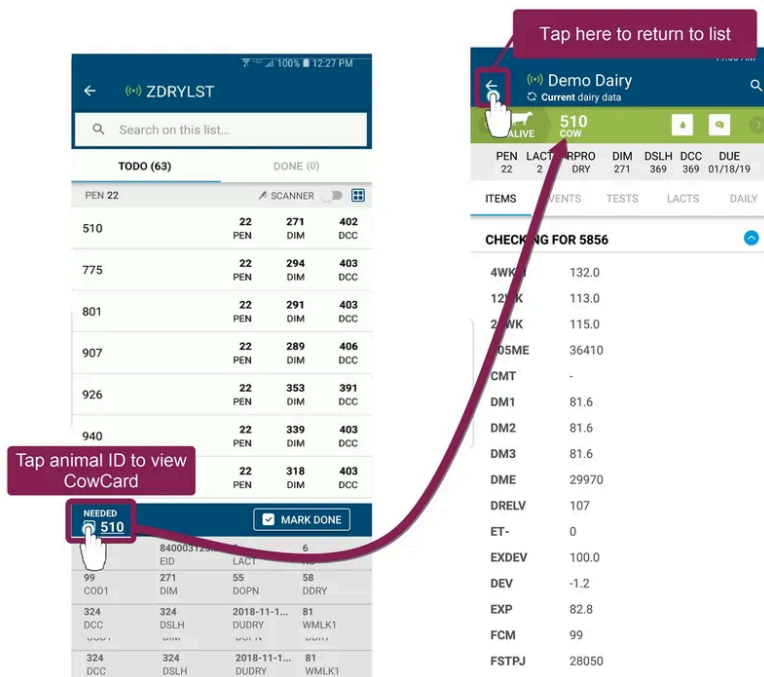
See [Work with RFID Scanners \(v1\)](#) for help using a scanner with the mobile app.

✓ View animal details

Any time you select an animal in a list, its details are displayed at the bottom of the page.



✓ TIP: You can tap the animal's ID number to view its CowCard.



✓ **What happens when I mark an animal DONE?**

When you set an animal to DONE, the animal moves from the TODO tab to DONE, and the app sends the updated status to PULSE. The app captures the following details:

- Entry date/time
- Entry method (TAPPED and SCANNED are the only methods available in the current release)
- Event(s) (for vet lists and hospital lists only)
- Pen adjustments/corrections

✓ **Switch to the DONE tab to view animals that need to be processed or are already complete**

The DONE tab lists all animals that have already been marked DONE and are either waiting to be processed or are already complete.

EVENTS
VetList animals include the event name(s)

PROCESSED =
The animal's done status has been received and updated on-premise

PROCESSING =
Animal is done and the update has been sent back to [Platform]

RECEIVED =
Animal set to DONE in the app; the update has not been sent to Platform

SYSTEM FAILED =
An error occurred when processing the changes

For animals that are in RECEIVED state, see the instructions to process your changes above for each list type.

If you accidentally mark an animal as DONE, see the instructions to [undo the change](#) below.

✓ **TIP: You can tap the animal's ID number to view its CowCard.**

Tap here to return to list

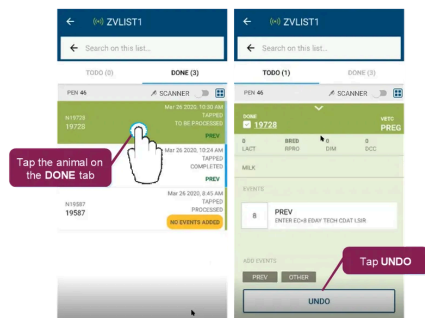
Tap animal ID to view CowCard

✓ Undo an animal in the DONE list

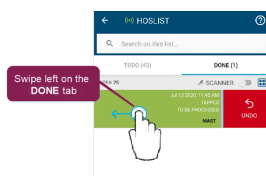
If you mistakenly mark an animal as DONE and have not processed the update yet, follow these steps to undo it:

- 1 Open the list in the mobile app, select the DONE tab, and locate the animal you want to undo. Follow either of these steps:

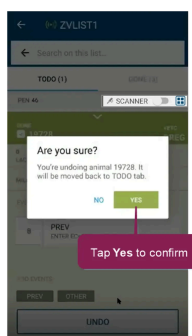
1. Tap the animal and then choose **UNDO**.



Swipe left on the animal.



- 2 Tap **Yes** to confirm the UNDO.

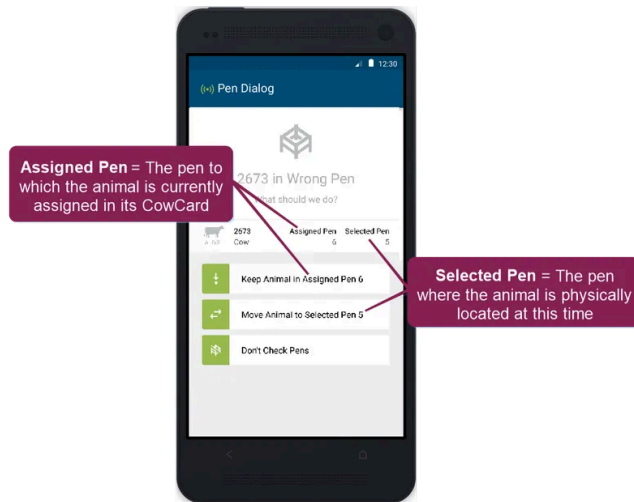


Once you confirm, the app moves the animal back to the TODO tab.

NOTE: Only animals with the status RECEIVED can be undone. If an animal's status is PROCESSING or PROCESSED, the change has already been sent to PULSE and cannot be undone.

✓ Make pen corrections while working with animals in a list

Sometimes animals accidentally end up in the wrong pen, and other times, animals are correctly placed into a new pen but their CowCard has not yet been updated to track the pen move. For these reasons, PULSE mobile app allows you to conveniently make pen corrections when processing animals in a worklist.



For more information on your pen correction options, see [Make Pen Corrections \(v1\)](#).

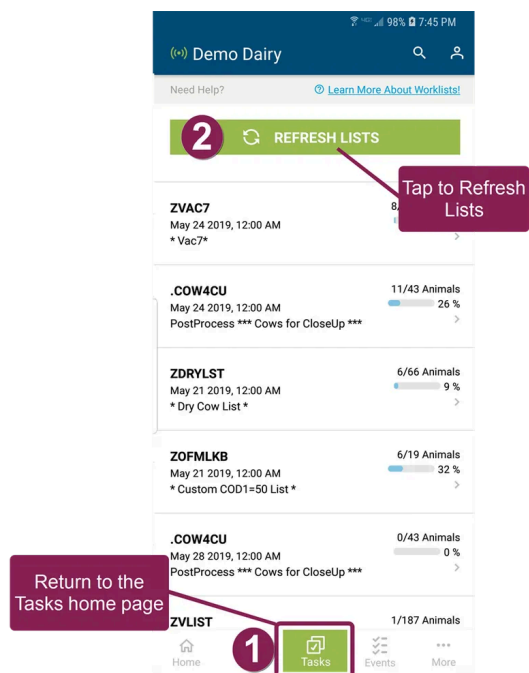
✓ REFRESH LISTS to see updates from other users

Be aware that multiple users may be processing changes and sending them back to DairyComp 305 many times throughout the day. Some workers may choose to process changes at the end of the day after finishing all list updates. Some may choose to process changes after updating a few animals at a time. Some may not be able to send their processed updates back on-premise because they do not have an active WiFi or data connection.

For these reasons, it's a good idea to use the Refresh Lists option when you can.

To refresh your lists, your mobile device must have an active internet connection. To make sure you have all of the latest updates, consider refreshing your lists before going out to the field to work on them, as well as any convenient time afterward, when you have an active WiFi or data connection.

Follow these steps to refresh your lists.



1. Return to the Tasks home page.

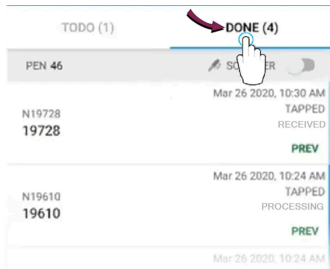
2. Tap the green **Refresh Lists** button.

✓ Related Topics

- [Permissions required to use Platform Worklists \(v1\)](#)
- [Make Pen Corrections \(v1\)](#)

1.3.4. View Animal Status in the Mobile App (v1)

If you want to view the status of specific animals that have been set to **DONE** in the mobile app, you can check them in the DONE tab for your current [worklist](#).



From there, you'll see the status of all updated animals in the list, including:

- **RECEIVED:** If an animal's status is RECEIVED, it means that either you or another PULSE user has set it to DONE in this list but no one has processed that change yet. An animal in this status can be undone and sent back to the TODO tab. As a visual cue, animals in this state are displayed with a pale blue bar to the right (see example below).
- **PROCESSING:** If an animal's status is PROCESSING, either you or another PULSE user has set it to DONE and then tapped the Process Changes button to send the updates back to on-premise. As a visual cue, animals in this state are displayed with a light blue bar to the right (see example below).
- **PROCESSED:** If an animal's status is PROCESSED, it means that the animal was set to DONE, the Process Changes button was used to send the update back to on-premise, and the on-premise product has processed the change and updated the animal's record. As a visual cue, animals in this state are displayed with a green bar to the right (see example below).
- **WAITING FOR CONNECTION:** The app displays this message if you mark an animal as DONE while your device is offline.
- **SYSTEM FAILED:** If you see an error symbol  and the message System Failed, it means that the update was not processed successfully when the **Process Changes** button was tapped. This type of processing failure can occur for several reasons, including communication errors between the mobile app and on-premise product, or

when you or another PULSE user attempts to process an animal that has already been PROCESSED.

NOTE: In addition to status information, any animals marked as DONE from a vet list also include the events added for the animal.

What does "processed" mean?



When an update is fully "processed," it means that **both** of the following actions have been completed:

1. A PULSE user has tapped the Process Changes button to send that animal's DONE status back to PULSE, which changes the status to PROCESSING.
2. PULSE, DairyComp 305, or a VAS integrated partner product has received the change and has updated the animal's record, which changes the status to PROCESSED.

Once an animal's status changes to PROCESSING or PROCESSED in the mobile app, the change can no longer be undone.

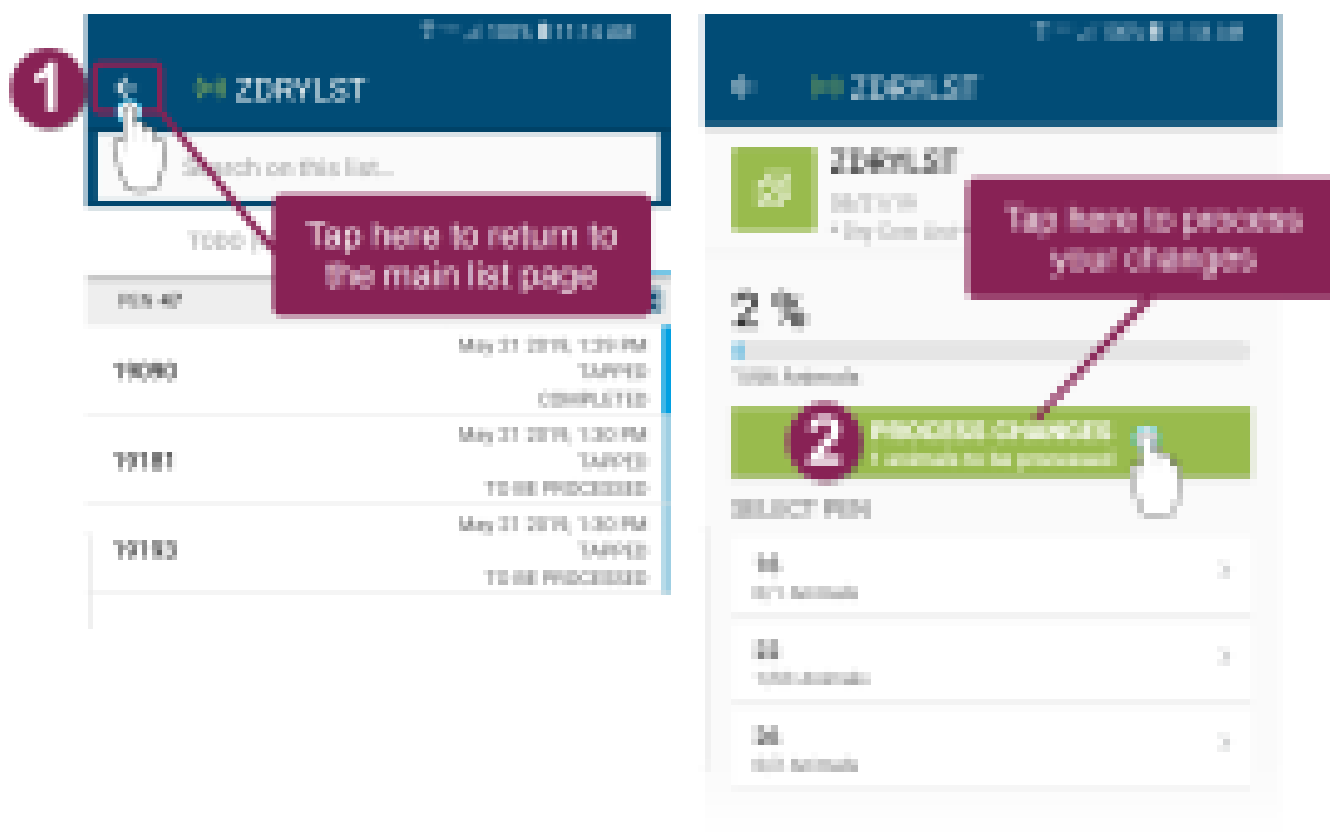
To learn more about processing animals in a worklist, see [View Tasks & Worklists in the Mobile App \(v1\)](#) and [Process Open Worklist in PULSE](#).

✓ Related Topics

- [Permissions required to use Platform Worklists \(v1\)](#)
- [Make Pen Corrections \(v1\)](#)

1.3.5. Send Worklist Updates to PULSE and DC305 (v1)

You can process your [worklist](#) updates to send them from your mobile devices to PULSE (and [DC305](#) for DairyComp Unlimited dairies) anytime. Follow the steps below to process your pending worklist changes.



1. Tap the arrow to the left of the list name to go back to the main list.
2. From there, tap the Process Changes button to send the updates back to PULSE or VAS integrated partner product (WiFi or data connection required).

✓ What happens when I Process Changes?

- When you process changes, it completes all animals that are marked as DONE and are in the status RECEIVED. Once their status changes to PROCESSING in the mobile app, you can no longer undo them.
- As long as your device maintains an active internet connection, the mobile app will send processed changes back to PULSE and DC305 approximately every 10 minutes. If you do not have an active internet connection, you cannot process changes. You will need to tap the **Process Changes** button again once your connection is restored.
- If you are using the mobile app in offline mode, you can still mark animals as DONE and then tap the Process Changes button once your device is back online.
- For DairyComp Unlimited dairies: When DC305 receives notification that one or more animals on a list is DONE, it kicks off any corresponding OnDone or PostProcess routine(s) for those animals.

See [**View Animal Status in the Mobile App \(v1\)**](#) to learn more!

✓ Related Topics

- [**Permissions required to use Platform Worklists \(v1\)**](#)
- [**Make Pen Corrections \(v1\)**](#)

1.3.6. Tips for Using Worklists in the Mobile App (v1)

See the topics below to learn more about Worklists in the mobile app, or [click here](#) to learn more about Platform Worklists:

- [Cautions for PCC users \(v1\)](#)
- [Permissions required to use Platform Worklists \(v1\)](#)
- [What can I do with Platform Worklists? \(v1\)](#)
- [How do I send my updates back to PULSE or Partner applications? \(v1\)](#)
- [What if I accidentally set an animal to DONE? \(v1\)](#)
- [What do the different mobile status messages mean? \(v1\)](#)
- [Can I work on a list at the same time other users are working on it? \(v1\)](#)
- [Make Pen Corrections \(v1\)](#)
- [Using worklists with Platform partner products \(v1\)](#)
- [Features not yet supported \(v1\)](#)

1.3.6.1. Cautions for PCC users (v1)

The following cautions are especially important for customers who are familiar with or are currently using the VAS [PCC](#) product:

- Worklists were the first PULSE feature that was able to **send *and* receive** data back and forth between PULSE and DairyComp 305, and also from our integrated Platform partner products. While we have designed this 2-way data flow to work as smoothly as possible, we encourage you to contact [VAS Support](#) if you encounter any problems when processing [worklist](#) updates.
- PULSE **does not** yet support multiple commands in a To-Do list. Each to-do list should contain only one command that must be completed for all animals on the list. For example, create one list for animals that need to be milked, create a separate list for animals that need to go to dry, create a separate list for animals that require a [pen](#) move, etc.).
- To view worklists in PULSE, they must first be sent from DairyComp 305 to PULSE using the \K switch. See [Send Worklists from DC305 to PULSE \(DC Unlimited only\)](#) to learn more about sending worklists to PULSE.
- PULSE Hospital List items are included in the Hospital List command and not controlled by [DC305](#) Server Configuration settings (as they are for PCC Hospital Lists). See [Create Hospital Lists](#) to learn more.
- PULSE Hospital Lists event shortcuts are customizable. This differs from PCC, where all events are included and cannot be changed.

IMPORTANT: Use caution when scheduling follow-up routines for DC305 to run after a list is processed (i.e., PostProcess lists), especially if **all** animals on the list must be processed before kicking off the next routine. **DC305 does not wait for the entire list to be DONE.** It will kick off the follow-up routines for each animal as it receives notification from the mobile app that the animal is DONE.

✓ **[Click here for video tutorials on this feature!](#)**

For more information on how to use OnDone and PostProcess routines in DC305, check out the following videos on the VAS website:

07:42

09:35

1.3.6.2. Permissions required to use Platform Worklists (v1)

Users must have Herd **Read** permissions to view [worklists](#).

Users with Herd **Write** permissions can perform the following additional tasks:

- Mark an animal as DONE from the mobile app or web.
- **Process Changes** and send list updates back to PULSE, DairyComp 305 (for DC Unlimited dairies), or our integrated Platform partner products.
- **Undo** an animal on the DONE list.

See [Edit Dairy User Permissions](#) if you need help updating user permissions.

1.3.6.3. What can I do with Platform Worklists? (v1)

In the Web Version of PULSE

Use the [browser version of PULSE](#) to:

- Generate Reports/Worklists from the Dairy Reports/Worklists tab or Gallery. See [Reports/Worklists](#) to learn more.
- View and monitor the status, details, and percent complete of all open Reports/Worklists. See [View Progress on All Open Worklists](#) to learn more.
- Configure [worklist](#)-specific settings, such as customizing vet list and hospital list event shortcuts and sounds. See [Sounds](#), [Vetcodes](#), and [Tasks & Worklist Settings](#) to learn more.

In the Mobile App

Use the Tasks feature in the VAS PULSE Platform to:

- Process animals in worklists and set them to DONE.
- Make [pen](#) corrections if an animal's actual pen does not match the one shown on the worklist. See [Make Pen Corrections \(v1\)](#) to learn more.
- Undo a to-be-processed item on the DONE list to move it back to the TODO list. You cannot undo an item that has already been processed (i.e., is Complete) and sent back to PULSE and DairyComp 305.
- Use the Process Changes button to send list updates back to the Platform and DairyComp 305.

See [View Tasks & Worklists in the Mobile App \(v1\)](#) to learn more!

1.3.6.4. How do I send my updates back to PULSE or Partner applications? (v1)

You can process your [worklist](#) updates to send them from your mobile devices to PULSE (and [DC305](#) for DairyComp Unlimited dairies) anytime. Follow the steps below to process your pending worklist changes.



1. Click the arrow to the left of the list name to go back to the main list.
2. From there, click the **Process Changes** button to send the updates back to PULSE or VAS integrated partner product (WiFi or data connection required).

✓ What happens when I Process Changes?

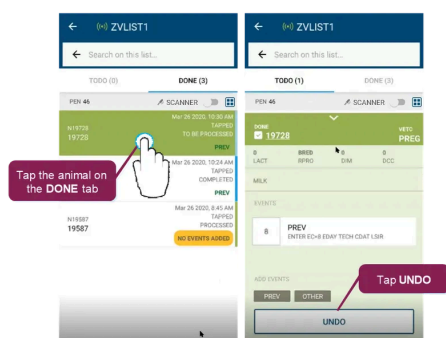
- When you process changes, it completes all animals that are marked as DONE and are in the status RECEIVED. Once their status changes to PROCESSING in the mobile app, you can no longer undo them. The animals' status changes to PROCESSED, and the updates are sent from PULSE to mobile devices, as well as DC305 (for DairyComp Unlimited dairies).
- As long as your device maintains an active internet connection, the mobile app will send processed changes back to PULSE and DC305 approximately every 10 minutes. If you do not have an active internet connection, you cannot process changes. You will need to tap the **Process Changes** button again once your connection is restored.
- If you are using the mobile app in offline [mode](#), you can still mark animals as DONE and then tap the Process Changes button once your device is back online.
- For DairyComp Unlimited dairies: When DC305 receives notification that one or more animals on a list is DONE, it kicks off any corresponding OnDone or PostProcess routine(s) for those animals.

1.3.6.5. What if I accidentally set an animal to DONE? (v1)

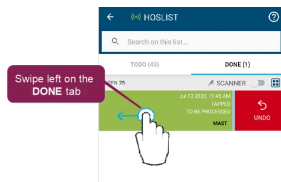
If you mistakenly mark an animal as DONE and have not processed the update yet, follow these steps to undo it:

- 1 Open the list in the mobile app, select the DONE tab, and locate the animal you want to undo. Follow either of these steps:

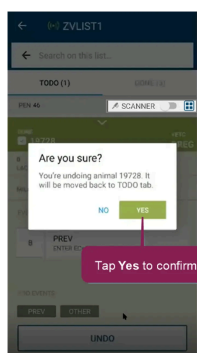
1. Tap the animal and then choose **UNDO**.



Swipe left on the animal.



- 2 Tap **Yes** to confirm the UNDO.

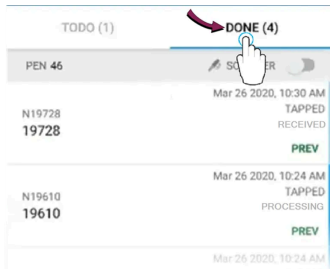


Once you confirm, the app moves the animal back to the TODO tab.

NOTE: Only animals with the status RECEIVED can be undone. If an animal's status is PROCESSING or PROCESSED, the change has already been sent to PULSE and cannot be undone.

1.3.6.6. What do the different mobile status messages mean? (v1)

If you want to view the status of specific animals that have been set to DONE in the mobile app, you can check them in the DONE tab for your current [worklist](#).



From there, you'll see the status of all updated animals in the list, including:

- **RECEIVED:** If an animal's status is RECEIVED, it means that either you or another PULSE user has set it to DONE in this list but no one has processed that change yet. An animal in this status can be undone and sent back to the TODO tab. As a visual cue, animals in this state are displayed with a pale blue bar to the right (see example below).
- **PROCESSING:** If an animal's status is PROCESSING, either you or another PULSE user has set it to DONE and then tapped the Process Changes button to send the updates back to on-premise. As a visual cue, animals in this state are displayed with a light blue bar to the right (see example below).
- **PROCESSED:** If an animal's status is PROCESSED, it means that the animal was set to DONE, the Process Changes button was used to send the update back to on-premise, and the on-premise product has processed the change and updated the animal's record. As a visual cue, animals in this state are displayed with a green bar to the right (see example below).
- **WAITING FOR CONNECTION:** The app displays this message if you mark an animal as DONE while your device is offline.
- **SYSTEM FAILED:** If you see an error symbol  and the message System Failed, it means that the update was not processed successfully when the **Process Changes** button was tapped. This type of processing failure can occur for several reasons, including communication errors between the mobile app and on-premise product, or

when you or another PULSE user attempts to process an animal that has already been PROCESSED.

NOTE: In addition to status information, any animals marked as DONE from a vet list also include the events added for the animal.

What does "processed" mean?



When an update is fully "processed," it means that **both** of the following actions have been completed:

1. A PULSE user has tapped the Process Changes button to send that animal's DONE status back to PULSE, which changes the status to PROCESSING.
2. PULSE, DairyComp 305, or a VAS integrated partner product has received the change and has updated the animal's record, which changes the status to PROCESSED.

Once an animal's status changes to PROCESSING or PROCESSED in the mobile app, the change can no longer be undone.

To learn more about processing animals in a worklist, see [View Tasks & Worklists in the Mobile App \(v1\)](#) and [Process Open Worklist in PULSE](#).

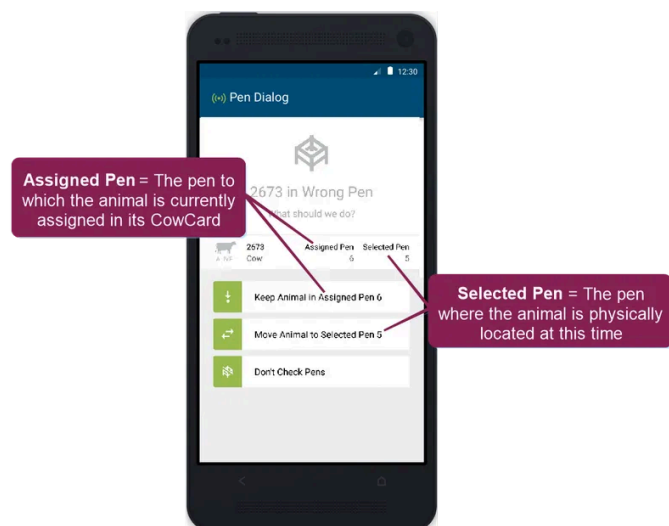
1.3.6.7. Can I work on a list at the same time other users are working on it? (v1)

Multiple users can work on the same lists at the same time. As each users processes changes, they will be synchronized across other *online* mobile devices to ensure that all mobile users have the most up-to-date list details.

IMPORTANT: If your device does not have an active data connection, it cannot send your list updates, nor can it receive list updates from other users.

1.3.6.8. Make Pen Corrections (v1)

Sometimes animals accidentally end up in the wrong pen, and other times, animals are correctly placed into a new pen but their CowCard has not yet been updated to track the pen move. For these reasons, PULSE mobile app allows you to conveniently make pen corrections when processing animals in a worklist.



Before making a pen correction, it's important to understand the difference between an animal's **assigned** pen and its **selected** pen:

- **Assigned Pen:** The animal's current pen assignment on its CowCard.
- **Selected Pen:** The pen where the animal is physically located at this time.

When you scan an animal or perform a search in a worklist, the app checks the animal's **assigned** pen number against the pen you are currently processing for the list (i.e., the **selected** pen). If an animal's assigned pen number does not match the pen where the animal is physically located, the app plays an audible cue for "Wrong Pen" and prompts you to choose one of the following pen correction options:

✓ Keep Animal in Assigned Pen

Choose this option if the animal has somehow ended up in the wrong pen and should physically be placed back in the assigned pen on its CowCard.

If you choose this option for an animal that **is needed** in a simple to-do list, the app:

1. Removes the animal from the pen list you are currently processing in your worklist.
2. Sets the animal to done under its correct pen number in the worklist.

If you choose this option for an animal that **is needed** in a vet list:

1. The app moves the animal to its assigned pen number when you set it to done.
2. Note that the app does not automatically set the animal to done because it allows you to still select additional Events or save the animal as queued in case you need to take further action before setting the animal to done.
3. If you save the animal as queued, you must set the animal to done before leaving the pen. If you attempt to leave the pen while one or more queued animals are assigned to a different pen, a warning message displays stating "Queued animals not in the pen will be lost." You can then choose to leave the pen (in which case any queued animals assigned to a different pen are removed from the queued section of the selected pen), or you can remain working in the pen and set those queued animals to done.
4. When you set the animal to done, it is no longer listed under the current pen in your vet list. It is moved to the assigned pen number for this vet list under the **DONE** tab.

If you choose this option for an animal that **is not needed** in this list (i.e., you hear the "not needed" cue), the app takes no action because the animal has simply ended up in the wrong pen. Because it is not needed in your current worklist, the animal just needs to be physically moved back to its assigned pen, and no changes are required for the worklist nor for the animal's pen assignment in its CowCard.

✓ Move Animal to Selected Pen

Choose this option if the animal is physically located in the correct pen and its CowCard needs to be updated to show the correct assigned pen.

If you choose this option for an animal that **is needed** in a simple to-do list, the app:

1. Processes a Move event for the animal, which updates the animal's pen number in its CowCard.
2. Sets the animal to done in the selected pen you are currently processing for the worklist.

If you choose this option for an animal that **is needed** in a vet list:

1. The app moves the animal to its selected pen number when you set it to done.
2. Note that the app does not automatically set the animal to done because it allows you to still select additional Events or save the animal as queued in case you need to take further action before setting the animal to done.
3. If you save the animal as queued, you must set the animal to done before leaving the pen. If you attempt to leave the pen while one or more queued animals are assigned to a different pen, a warning message displays stating "Queued animals not in the pen will be lost." You can then choose to leave the pen (in which case any queued animals assigned to a different pen are removed from the queued section of the selected pen), or you can remain working in the pen and set those queued animals to done.
4. When you set the animal to done, the app formally moves it to the current pen number.

If you choose this option for an animal that **is not needed** in this list (i.e., you hear the "not needed" cue), the app logs a Move event for the animal, which instructs PULSE and DairyComp 305 to update the pen number on the animal's CowCard. The app makes no changes to the worklist because the animal is not needed for it.

✓ **Don't Check Pens**

Choose this option if you do not want the app to continue prompting you for pen corrections. When you choose this option, the app will no longer warn you when you scan an animal that is not assigned to the pen you are currently processing.

Anytime you navigate away back to the main worklist and then select another pen to begin processing, the pen correction prompt will start back up again. So if you have stopped the prompt for pen corrections and want to start receiving them again for the pen you are processing, simply return to the main worklist and reselect the pen to begin working on it again.

1.3.6.9. Using worklists with Platform partner products (v1)

The VAS PULSE Platform supports [worklists](#) from Platform Partner integrations. For information on how those lists are created and how to use them in PULSE, see [Partners](#).

1.3.6.10. Features not yet supported (v1)

Platform Worklists do not yet support the following features:

- Using voice commands to look up an animal on a list
- Searching for an animal that is not on the list
- Parlor-based hospital lists
- Configurable sounds for hospital lists

1.4. Event Entry (v1)

✓ Required Permissions

Only users who are assigned to a Role with Herd Write permissions can use this feature. If your account only has Herd Read permissions, you will **not** be able to use this feature. See [Edit Dairy User Permissions](#) and [Manage Dairy Roles](#) for more information.

 PULSE allows you to create events, add animals to them, and process your changes—all from the mobile app while you are out on the dairy. Add events to one or more animals, either by searching for them manually or using [a scanner](#). When you finish adding animals to an event, tap Process Changes to send your updates back to PULSE and then on to DC305 (WiFi or data connection required).

See [Event Definitions](#) for a full list of standard MyDC events available in PULSE. DC Unlimited dairies may have additional custom events.

Before working with Events, review the topics listed below:

- [Tips for Entering Events](#)
- [User-Defined Events \(for DC Unlimited Dairies\)](#)
- [Events with Protocols](#)

1.4.1. Tips for Entering Events

✓ Add Events from Mobile or Web

Use the mobile app or the web version of PULSE to enter events! Tap **Events** in the **mobile app** to get started, or see [Add Events](#) to learn more about adding events from web. PULSE supports adding events that have occurred within the last year.

✓ Find the Event you Need

All available events are listed in event code [\(EC\)](#) order.

- Events with lower EC numbers are at the top of the list, so if you are looking for an event with a higher number, be sure to scroll down to find it.
- Events with numbers 1–18 are system events that perform standard operations for DairyComp Unlimited and MyDC dairies. Event codes 19 and above can be used for user-defined events for DairyComp Unlimited dairies.
- MyDC dairies have a total of 46 events available, including the PULSE-only TRANSFER event.

✓ Herd Write Permissions Are Required to Enter Events

IMPORTANT: Only users who are assigned to a Role with **Herd Write** permissions can use this feature. If your account only has **Herd Read** permissions, you will **not** be able to use this feature. See [Edit Dairy User Permissions](#) and [Manage Dairy Roles](#) for more information.

✓ Create a New Event or Edit an Existing One

1. Sign into the mobile app and tap the **Events** button.
2. Tap on any event to begin working with it.
If you already added animals to the event but have not yet completed and/or processed them, they will still be displayed when you open the event.
3. If you are using a scanner, you can simply scan an animal to add it to the event.
Android devices can use the scanner switch at the top right to connect to a paired scanner. iOS devices automatically connect to paired scanners. See [Manage Mobile App Data \(v1\)](#) for help when working with scanners.
4. If you are not using a scanner, you can tap the **Add Animals** button to search for animals to add.
5. If you are using a scanner, you can simply scan an animal to add it to the event.
Android devices can use the scanner switch at the top right to connect to a paired scanner. iOS devices automatically connect to paired scanners. See [Work with RFID Scanners \(v1\)](#) to learn more.
6. If you want to leave the details for all animals undefined, you can continue adding more to the list and then define their details later when you are ready to process them. **However, if you plan to use any of the same details for multiple animals in this event, we recommend that you go ahead and assign them for the first animal you add so that the app can automatically assign the same details to the rest of the animals you add to the event.** See [Save Time when Adding Animals in Bulk](#) for more information.
7. When you finish adding animals to the event and have defined all of the required details in the fields marked with the * symbol, tap the **Process Changes** button to send your updates to PULSE and then to [DC305](#) for DairyComp Unlimited dairies. See [Processing Your Changes](#) for more information.

✓ Changing Event Dates

Each time you add an animal to an event, it is automatically assigned the *current* date in the **Event Date** field. However, you can change the dates that animals were added to events. This offers you additional flexibility on those days when you're unable to finish processing all animal events, or if an event was missed and needs to be added at a later point.

When changing event dates, keep the following in mind:

- The new date cannot be later than the animal's birth date.
- The new date cannot be later than the animal's current Fresh date.
- The new date cannot exceed 365 days in the past.

To change an animal's event date:

1. Tap the **Event Date** field for the animal.
2. Select the date you want, then tap **Done**.

Regarding the **Event Date** field, keep the following in mind:

- The field is always grayed-out when it contains the current date.
- Even if you add the animal on the current date, the field will display in yellow on the next day because it no longer contains the current date.
- Changing a past date back to the current date reverts the field from displaying in yellow to once again displaying as grayed-out.

✓ Save Time when Adding Animals in Bulk

When you add the first animal to a new event, all details except for the animal's [ID](#) number are grayed-out (unassigned). If you leave the other details unassigned, they will continue to be grayed-out as you add more animals. All required fields are marked with the * (asterisk) symbol.

Once you define details for the current animal, the app automatically reuses them for the next animals you add, which makes it much quicker to add animals in bulk.

Note that the last details you selected are the ones that the app will use for the next animals you add. So if you need to define different details for a set of animals in the event (for instance, maybe in a Bred event, you need to define different breeding codes for several animals), simply change the details for the first animal in that set and then continue adding the rest of the animals that use that same breeding code.

If you need to change any details for a specific animal, simply tap the field and choose a different option.

IMPORTANT: When you are adding animals in bulk to an event that allows [protocols](#), the information in the Protocol and Remark fields will **not** carry forward to other animals as you add them. Because protocol treatments are specific to each animal, the app requires you to define them individually for each animal you add to the event. See [Events with Protocols](#) for more information.

✓ Remove an Animal from an Event

If you need to remove an animal from an event, swipe left on it until you see the red **Remove** option.

The app prompts you to confirm before removing the animal.

✓ Details Required to Process Animals in an Event

Before you can process an animal in an event, all required details (marked with an asterisk) must be defined.

As you add animals to an event, the app numbers them in the order they were added. Each number is displayed with either a blue or gray background:

- Numbers in a **BLUE** bar indicate that all required details are complete for that animal, and it can be processed.
- Numbers in a **GRAY** bar indicate that some required details are missing for that animal.

✓ Warning Messages when Adding Animals to Events

As you add animals to an event, the mobile app checks whether each animal is eligible to add to that specific event. So based on the type of event you are working with, you may receive system prompts that warn you about an animal's status or its details before adding them to the event.

For example, let's consider a Bred event...

When you add an animal to a BRED event, the app is designed specifically to add females. It will not allow you to add a female that is dry, already pregnant, younger than the minimum breeding age, recently freshened, or flagged as "do not breed".

Likewise, because the app expects you to add females that are eligible to breed, it will display a warning before allowing you to add a female that is dry, already pregnant, younger than the minimum breeding age, recently freshened, or flagged as "do not breed". The app will **not** restrict you from adding these animals; it simply warns you of their status so that you can determine whether to continue.

✓ Processing Your Changes

Before you can process an animal in an event, all required details (marked with an asterisk) must be defined.

As soon as you define the required details for at least one animal on the list, the **Process Changes** button will become active (i.e., change from gray to green). The Process Changes button also indicates how many animals are complete and ready to be processed.

✓ **The mobile app does not have the event I need. How do I find it?**

The mobile app supports all events listed under **Event Definitions**. See the guidelines below when locating an event. If you are still not able to find a supported event in the mobile app, please contact **VAS Support** to make sure that the event is available for your dairy.

All available events are listed in event code (EC) order.

- Events with lower EC numbers are at the top of the list, so if you are looking for an event with a higher number, be sure to scroll down to find it.
- Events with numbers 1–18 are system events that perform standard operations for DairyComp Unlimited and MyDC dairies. Event codes 19 and above can be used for user-defined events for DairyComp Unlimited dairies.
- MyDC dairies have a total of 46 events available, including the PULSE-only TRANSFER event.

1.4.2. User-Defined Events (for DC Unlimited Dairies)

If your DairyComp Unlimited dairy has configured user-defined events in [DC305](#), PULSE includes them as available events in the mobile app.

User-defined have an event code ([EC](#)) number of 19 or higher. The event numbers and names are defined within DC305, and PULSE mobile app lists them in numerical order on the Events screen.

PULSE supports user-defined events both with and without protocols. See [Events with Protocols](#) to learn more about defining [protocol](#) information when entering an event.

All available events are listed in event code (EC) order. Be sure to scroll down to locate your user-defined events. If you expect to see an event in the mobile app or PULSE and are not able to locate it, then DairyComp 305 may not be configured to send it. For help locating events in the mobile app, see [The mobile app does not have the event I need.](#)

[How do I find it?](#)

1.4.3. Events with Protocols

Some events allow you to select a treatment [protocol](#), such as drugs to be administered or treatments that should be applied to the animal's hooves or udder. For DairyComp Unlimited dairies, PULSE works together with DairyComp 305 and CowCare to include all of your dairy's configured protocols when entering these events in the mobile app.

Follow these guidelines when entering events with protocols:

1 If you are entering an event that includes protocols, you will see the **Protocol** field as an option for each animal in the event.

2 Tap the **Protocol** field to view the available protocols.

Note that the mobile app filters the list of protocols based on the event you are entering, as well as the type of animal you selected (heifer or adult). Some protocols are available only for heifers, some for adults, and some are available for both.

For each protocol, the app displays the corresponding Milk and Meat withholdings. It also displays the remark that will be auto-filled for this animal when you choose this protocol, as well as the [pen](#) to which animals on this protocol should be moved.

3 If you select a protocol that requires you to choose which hoof or quarter of the udder is affected, the app opens a screen where you can choose the quarter(s).

Select which quarter(s) the protocol affects. Note that the options you see on this screen may vary based on DairyComp 305's configured character limit for the Remark field. The labels you see here may also be different from those listed below, but the typical ones are:

- **ALL** - Selects all quarters/quadrants
- **LF** - Left Front hoof or teat
- **RF** - Right Front hoof or teat
- **LH** - Left Hind hoof or teat
- **RH** - Right Hind hoof or teat

NOTE: The labels for quarters/quadrants can be customized in PULSE [Animal Configuration](#) settings or in [DC305](#) for DC Unlimited dairies.

✓ **Click here to learn more about REM field length and quarter/quadrant selection!**

The length of the remark field may be 16 or 8 characters, depending on your dairy type/item table configuration. MyDC dairies support 16-character remarks. DC Unlimited dairies can support 16-character remarks if they have adequate item table storage space. If a DC Unlimited dairy has limited item table storage space, it can only support 8-character remarks. Follow the guidelines below and learn how quarter/quadrant selection works for specific events:

- **MAST and LAME events:**
 - **16-character REM:** Choose 1, 2, 3, or all quarters/quadrants for MAST and LAME events.
 - **8-character REM:** Choose 1 or all quarters/quadrants for MAST and LAME events.
- **CULTURE events:** Choose either 1 or all quarters to follow best practices for this event type, irrespective of the REM field length.

After you select the quarter(s), tap the **Continue** button at the bottom of the screen.

After you tap **Continue**, the app returns you to the event screen, where you will see the following updates:

- The event **Protocol** field displays your chosen protocol.
- The **Remark** field is auto-populated based on the protocol you selected. You can edit the remark further after the app inserts it.
- If the protocol you selected defined a *Go To Pen* number, the app automatically inserts that pen number in the event's **Pen** field. In this case, you cannot edit the new pen assignment for this animal because the protocol defines the required pen.

IMPORTANT: When you are adding animals in bulk to an event that allows protocols, the information in the Protocol and Remark fields will **not** carry forward to other animals as you add them. Because protocol treatments are specific to each animal, the app requires you to define them individually for each animal you add to the event. See [Save Time when Adding Animals in Bulk](#) for more information.

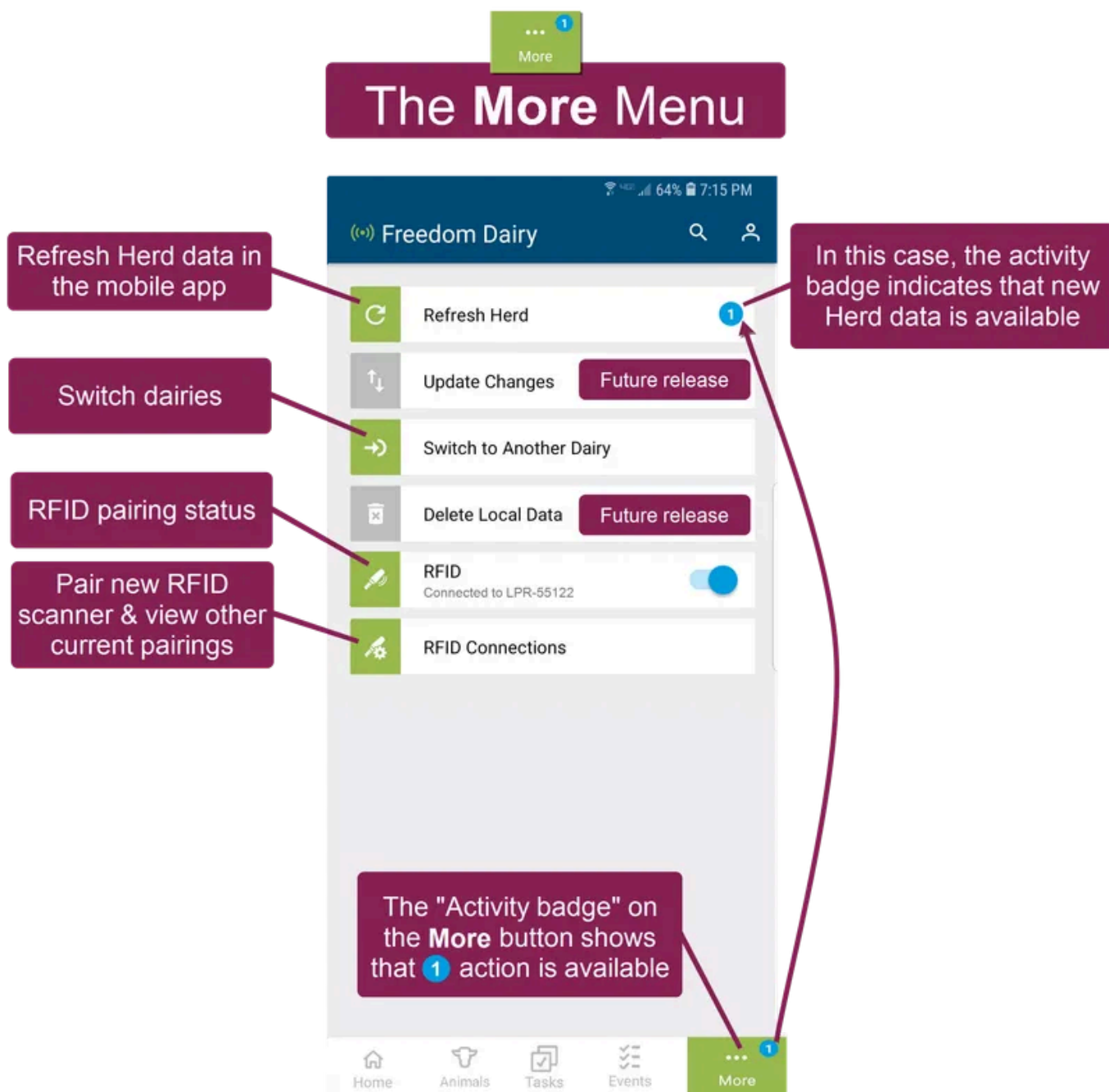
To learn more about a specific protocol, you can log into the web version of PULSE and view the [Protocols](#) list.

✓ **Related Topics**

- [User-Defined Events \(for DC Unlimited Dairies\)](#)
- [Protocols](#)

1.5. Manage Mobile App Data (v1)

Tap **More** at the bottom right of the app to access additional options in the mobile app.



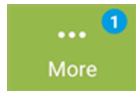
✓ **I don't see the More button. How do I find it?**

If you do not see the More button at the bottom of your screen, tap the Back arrow at the top left of the page until you return to one of the main feature screens. From there, you'll find the feature buttons at the bottom of the screen.



✓ Refresh Herd Data

While your mobile device maintains an active WiFi or data connection, the VAS PULSE Platform mobile app automatically checks for herd updates. When new data is available for download, the system displays a numbered activity badge on the **More** button.



NOTE: MyDC on PULSE subscribers can refresh mobile data from PULSE at any time and thus will not see the activity badge. Additionally, MyDC users can set the system to automatically refresh the herd data when you [switch to another dairy](#). In your [User Settings Menu \(v1\)](#), go to the [Care Package](#) field and select **Download Automatically** to enable this feature.

Follow these steps to refresh herd data:

1. Go to the mobile app **Home** page.
Note that for DairyComp Unlimited subscribers, the **More** button will display an activity badge when new data is received from on-premise DairyComp or PULSE (see example above).
2. Tap the **More** button to open a page of more options in the app.
3. Tap the **Refresh** Herd button at the top of the page.
4. Allow the app a few moments to refresh the herd data. The required time will vary based on the amount of data that needs to be updated, as well as the speed of your WiFi or data connection.
5. Once the herd data is refreshed, you will find your dairy's most recently available herd information within the mobile app.

✓ Switch to Another Dairy

You can switch to another dairy at any time by tapping the More button and then tapping the **Switch to Another Dairy** button in the More menu (see example above). If the list of available dairies does not appear to be correct, see [Refresh My Dairies List](#) to update it.

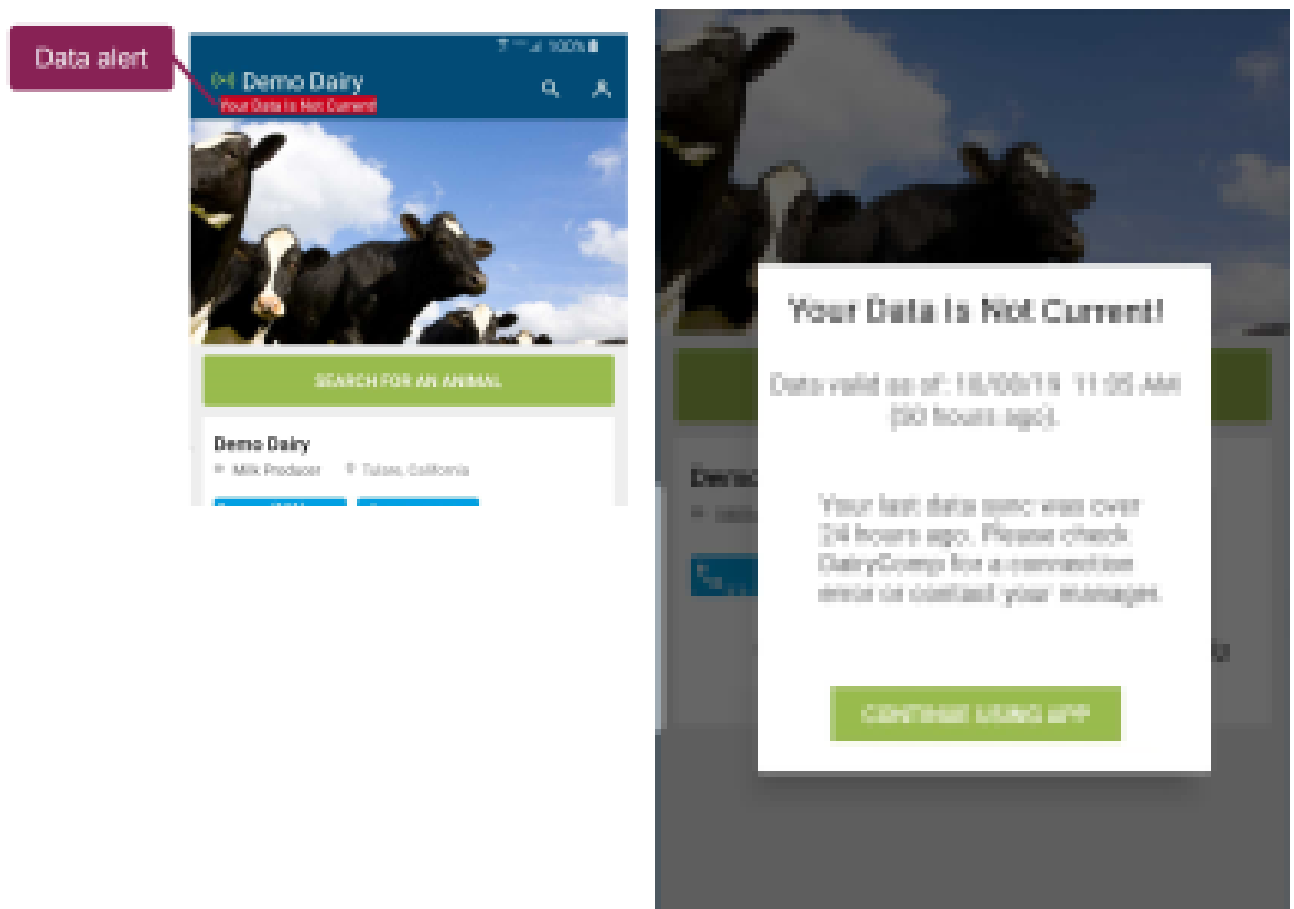
✓ **RFID Connections**

The Android version of the mobile app supports most RFID scanners and wands that can establish a Bluetooth connection with your device, and you can pair with them directly through PULSE app. See [**Work with RFID Scanners \(v1\)**](#) for more information.

✓ "Data Not Current" Alert

The mobile app displays an Integration Status Alert if it detects that the data from on-premise DairyComp 305 has not been synchronized with PULSE for 24 hours or more. This is a critical error that requires **immediate attention** to ensure that all animal information, [worklist](#) details, and event data continue to sync correctly with the PULSE and mobile app.

The alert displays below the dairy name when your device is online, and if you attempt to use the app when your data is out of sync, the system displays a pop-up warning to ensure that you want to continue using the app with potentially expired data.



The error may result from a connection issue between [DC305](#) and PULSE, in which case you should contact your manager or office staff to verify that DC305 is running normally. See [Integration Status](#) for more information on troubleshooting PULSE connection and data issues.

1.6. Work with RFID Scanners (v1)

IMPORTANT: If you use RFID scanners, make sure your iOS device is compatible with your version of the mobile app:

- VAS Platform (v1): iOS versions 18.3.2 and lower. Do **not** upgrade to iOS versions 18.4.0 or greater and be sure to disable automatic updates in iOS settings.
- DC on Mobile (v2): All recent iOS versions, including 18.4.0 and above.

✓ Supported Scanners

Android: Most low-frequency RFID scanners, including the following brands:

- Allflex
- Agrident
- Datamars
- Tru-Test
- All VAS-branded models

iOS:

- Allflex APR250 RFID scanner
- Allflex APR600 RFID scanner
- Allflex APR650 RFID scanner
- Allflex AWR300 RFID scanner
- LPR series Livestock Pocket Reader
- RS420 Series Stick Reader

✓ Learn more about the Standards for Low Frequency RFID Scanners

The International Organization for Standardization ([ISO](#)) provides standards for the identification of animals using radio frequencies. See [ISO 11784 and ISO 11785](#) to view these standards.

✓ Was My Scanner Purchased from VAS?

Check the back of your scanner to confirm if it was purchased from VAS. All scanners purchased from VAS have **VAS Scan the QR** code stickers.



You can scan animals with the mobile app after you pair and connect your RFID scanners to your device. The mobile app supports Bluetooth connections with RFID wands and scanners. However, the iOS and Android versions of the mobile app each work a bit differently with Bluetooth wands/scanners.

- [Use a Scanner with iOS \(Apple\) Devices \(v1\)](#)
- [Use a Scanner with Android Devices \(v1\)](#)
- [Troubleshoot Scanner Connections \(v1\)](#)
- [Find an Animal or Assign RFID with a Scanner \(v1\)](#)
- [Switch RS420 Pairing Between Android and iOS \(v1\)](#)
- [Connect an Allflex Scanner \(v1\)](#)
- [Configure a Tru-Test SRS2 Scanner \(v1\)](#)
- [Delete a Tru-Test SRS2 Scanner Session \(v1\)](#)

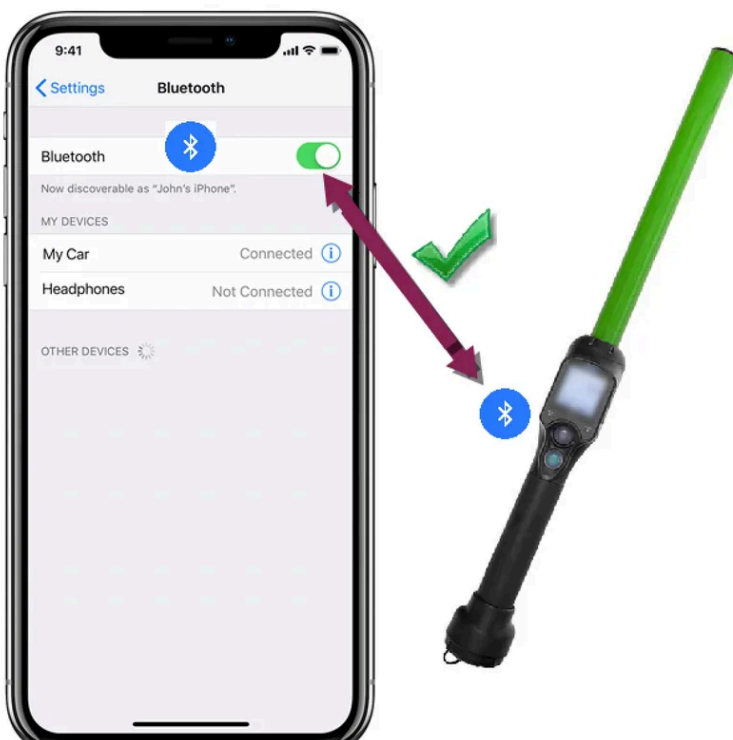
1.6.1. Use a Scanner with iOS (Apple) Devices (v1)

IMPORTANT: If you use RFID scanners, make sure your iOS device is compatible with your version of the mobile app:

- VAS Platform (v1): iOS versions 18.3.2 and lower. Do **not** upgrade to iOS versions 18.4.0 or greater and be sure to disable automatic updates in iOS settings.
- DC on Mobile (v2): All recent iOS versions, including 18.4.0 and above.

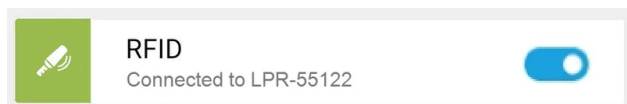
The first time you connect a scanner to an iOS device, go to your Bluetooth settings to connect it. After the first connection, your device will recognize the scanner and automatically pair and connect (as long as Bluetooth is enabled).

Make sure Bluetooth is enabled in both your mobile device and the scanner



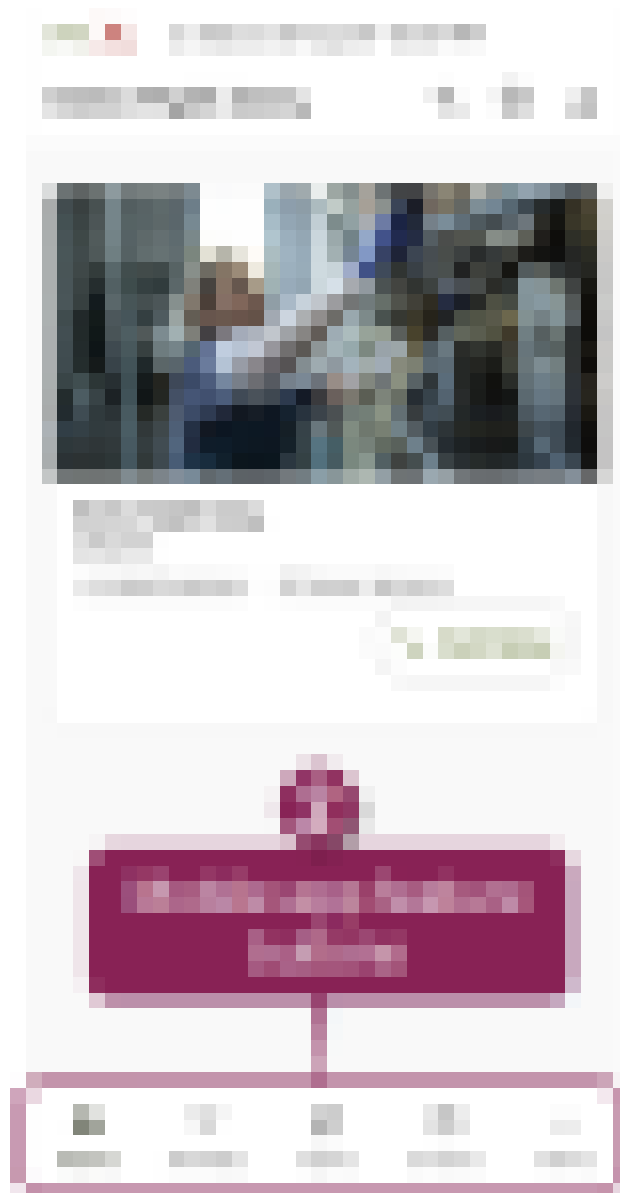
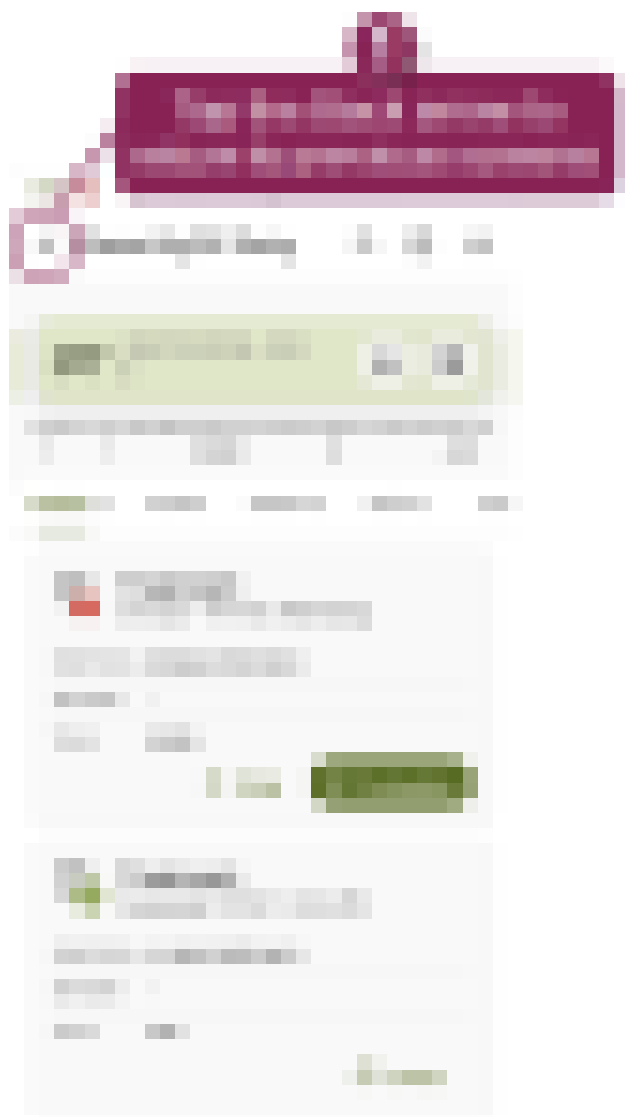
TIP: If you turn on **Airplane Mode** on your iOS device, Bluetooth is turned off automatically. You can turn Bluetooth back on in settings, and it will stay on until you turn it off or toggle Airplane Mode off and on again.

Once the scanner is paired with your device, it can scan animals in the mobile app. Tap the **More** button to check your scanner's connection status.



RFID: This field shows if a paired scanner is connected  or disconnected . If one is currently connected, the name of the connected scanner is displayed.

✓ I don't see the More button. How do I find it?

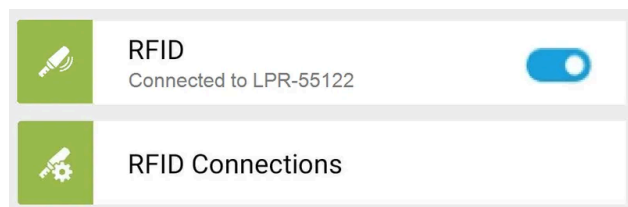


Follow the steps below if you do not see the **More** button at the bottom of your screen.

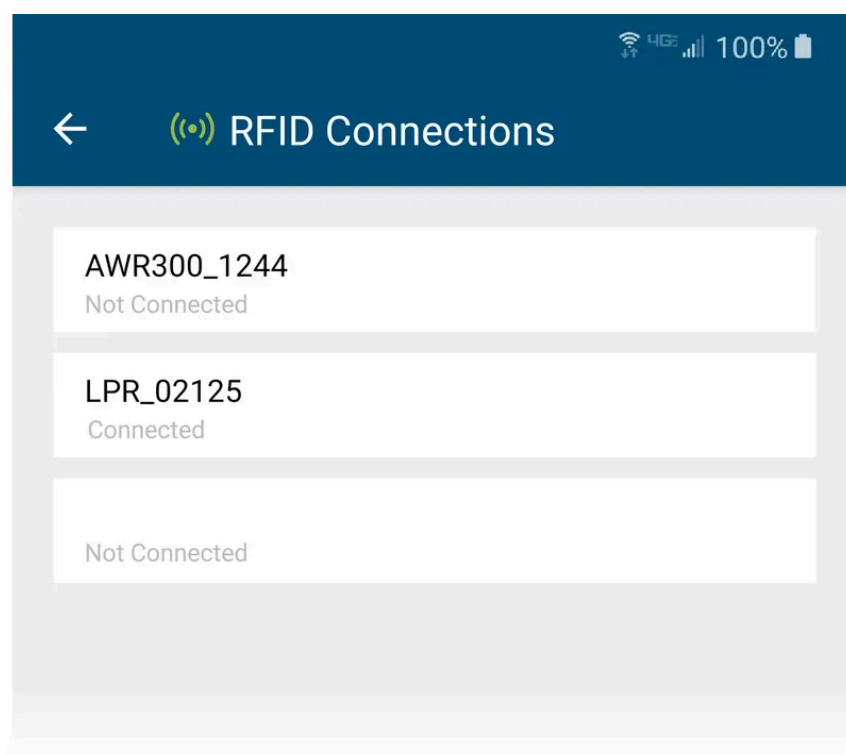
1. Tap the **Back** arrow at the top left of the screen until you return to one of the main feature screens.
2. From there, you'll find the feature buttons at the bottom of the screen.

1.6.2. Use a Scanner with Android Devices (v1)

Make sure that Bluetooth is enabled both in your mobile device and the scanner, and then tap the **More** button in the mobile app to access the following scanner options.



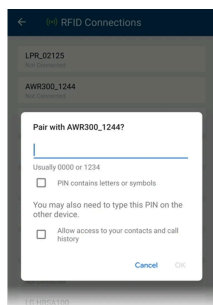
- **RFID:** This field shows if a paired scanner is connected  or disconnected . If one is currently connected, the name of the connected scanner is displayed.
- **RFID Connections:** This option allows you to connect to paired scanners, as well as pair with new ones. This list displays all available scanners, even if they are not currently paired or connected.



If the scanner you want to use is already paired with your device but shows a status of **Not Connected**, make sure that the scanner is powered on and that the Bluetooth connection is enabled in both your mobile device and the scanner. For any scanner that shows a status of **Connected**, you can use it to look up animals in the mobile app and process them in your dairy's [Tasks & Worklists \(v1\)](#) and [Events](#).

✓ Show me how to pair a new scanner in RFID Connections

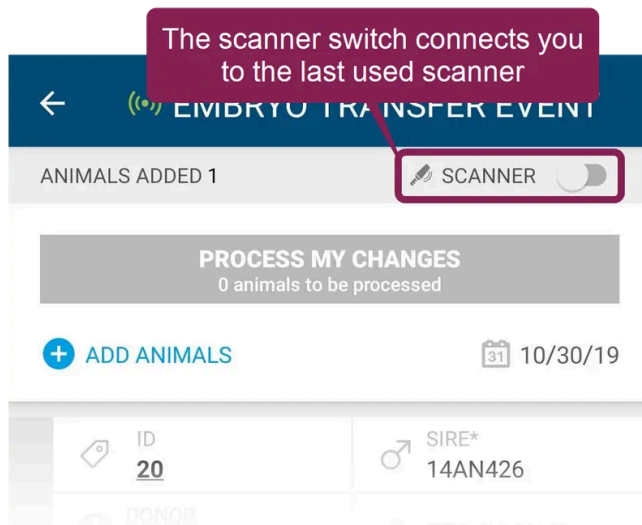
When using the **RFID Connections** menu to pair with available scanners, simply tap any scanner in the list that is **Not Connected**. If the scanner has not paired with your device yet, you may be prompted to enter a PIN to complete the pairing.



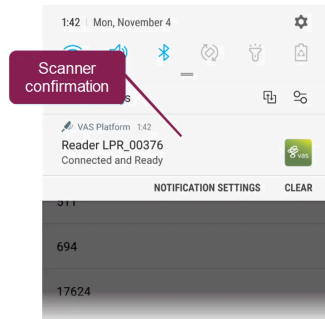
If your dairy has multiple scanners and wands, you can pair each of them with your device and then select the one you want to use within the VAS PULSE Platform mobile app.

✓ Look for the Scanner Shortcut!

In the Android version of the mobile app, features that support scanners, such as **Tasks & Worklists (v1)** and **Events**, offer a shortcut for using scanners.

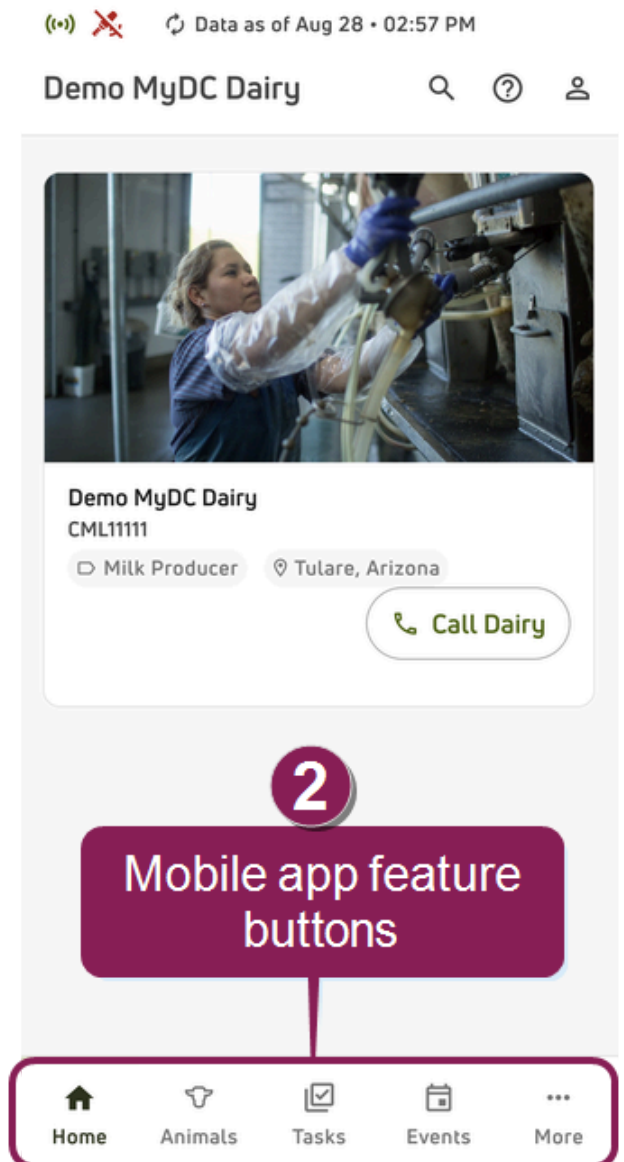
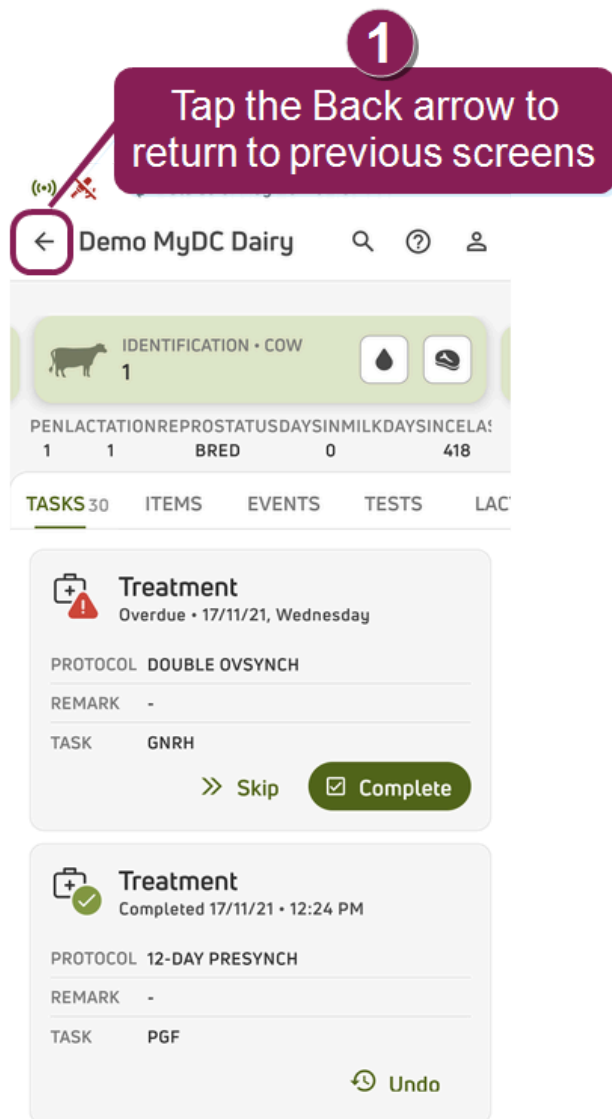


Toggle the **Scanner** connection switch on or off to connect or disconnect from a paired scanner. When you toggle this switch on, the mobile app detects which scanner was last used under your account, and it connects you to it. Once the scanner finishes connecting, the mobile app displays a pop-up message to confirm that it is ready to use.



Note that in the iOS version of the mobile app, the **Scanner** indicator is not a switch that you can toggle. Instead, it is a status indicator that shows green when a scanner is connected and gray when it is not.

✓ I don't see the More button. How do I find it?



Follow the steps below if you do not see the **More** button at the bottom of your screen.

1. Tap the **Back** arrow at the top left of the screen until you return to one of the main feature screens.
2. From there, you'll find the feature buttons at the bottom of the screen.

1.6.3. Troubleshoot Scanner Connections (v1)

If the mobile app loses connection with your scanner, check its connection status on the **More** menu under **RFID**. Click the images below for help understanding the connection status:



The wand name is displayed and **Ready**, and the connection switch is active (blue ). This means that the Bluetooth connection is active for both the mobile device and RFID wand, and both devices are powered on. The wand is connected and ready to scan data to the mobile app.



The RFID wand is paired to the mobile device but is not currently connected to the mobile app (illustrated by the gray connection switch ).

On Android devices, tap the RFID menu item to connect the wand, and for iOS devices, simply make sure the wand is powered on and has Bluetooth enabled. Once the wand connects to the mobile app, the connection switch will turn blue and is active .



On Android devices, this message appears when you tap the RFID menu item to connect the scanner. iOS devices will automatically initiate the scanner connection. In either case, the scanner typically connects quickly, so this message may be displayed only very briefly.



The fully grayed-out RFID menu item most likely indicates one the following issues:

- No wands are currently paired with the mobile device.
- The wand's Bluetooth connection is turned off.
- The mobile device's Bluetooth connection is turned off.

TIP: If you turn on **Airplane Mode** on your iOS device, Bluetooth is turned off automatically. You can turn Bluetooth back on in settings, and it will stay on until you turn it off or toggle Airplane Mode off and on again.

1.6.4. Find an Animal or Assign RFID with a Scanner (v1)

Before you scan any animals, use the [Refresh Herd](#) option on the **More** menu to pull the latest data down to the mobile app. Then, begin scanning from any tab to:

✓ Find an Animal

If the scanned animal's RFID is recognized and found, the mobile app displays its CowCard. You can then choose to [add an event](#), mark an animal done on a [worklist](#), or complete other required tasks.

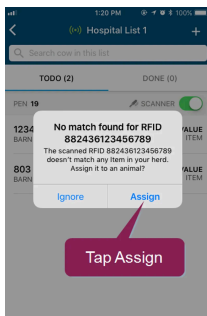
OR

✓ Assign an RFID to an Animal

IMPORTANT: Only users who are assigned to a Role with Herd Write permissions can use this feature. If your account only has Herd Read permissions, you will **not** be able to use this feature.

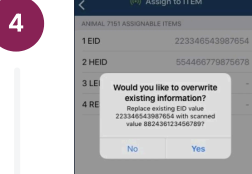
If the scanned animal's RFID is not recognized, you have the option to assign it to an animal in the herd:

1 Tap **Assign**.



2 Look up the animal to which you will assign the RFID tag. You can find an animal by its ID, BNAME, CNTL, VISID, REG, or EID, though not all of these items may be available in your dairy.

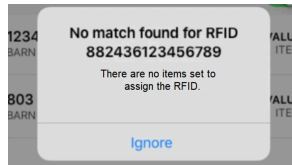
3 Select which item to assign to the animal. For instance, if an animal's electronic ID (EID is replaced and no longer matches its EID in PULSE, you can assign the new value as its EID.



Tap **Yes** to confirm the assignment.

✓ Why can't I assign an RFID?

If you encounter an error, your dairy is not configured to assign items while scanning.



Log into the web version of PULSE and adjust the **RFID Scanning** settings.

1.6.5. **Switch RS420 Pairing Between Android and iOS (v1)**

If your dairy uses only iOS devices, or a variety of Android and iOS equipment, you must update the wand configuration to pair it with iOS devices. You will then also need to update the configuration again if you want to switch back to pairing it with Android devices. Follow the instructions below to pair the RS420 with an iOS device and then (if necessary) switch it back to an Android device.

✓ Pair RS420 with an iOS Device

To reconfigure the RS420 scanner to be used with iOS devices, you'll first need to see if Menu Access is enabled. If it is not, use the AllFlex [EID Tag Manager](#) client to change the wand Menu Access setting. Then, proceed to setting the scanner to be discoverable for connection.

Test for Menu Access on the RS420 & Change if Needed

- 1 Press and hold the top (black) button on the scanner for 3 seconds to test for Menu Access.



- If nothing happens, continue to [step 2](#).
- Or, jump to [Manually Connect the RS420 to an iOS Device](#) if the Menu displays.



- 2 Start with the scanner disconnected from your computer. If the scanner has an active Bluetooth connection, verify that the scanner displays an S next to the Bluetooth symbol  to indicate it is paired as a Slave. This is the required setting for Android devices.

- 3 Open the **AllFlex EID Tag Manager** client. If necessary, download it from the [Allflex website](#).

- 4 Connect the scanner to your computer via USB, a serial port, or Bluetooth. The client notifies you when a connection is established. For options on setting your connection, click the Connect button .

- 5 Click **Tools > Reader Config > Menu Access** and change the setting to **Enabled**.

- 6 Click **Apply Settings**.

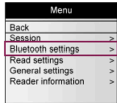
- 7 Disconnect the scanner from the computer.

Manually Connect the RS420 to an iOS Device

1. Press and hold the top (black) button on the scanner for 3 seconds to access the menu.

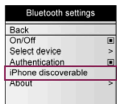


2. Use the bottom (green) button to arrow down to **Bluetooth settings**:



Press the top button to select the option.

3. From the Bluetooth settings, choose **iPhone discoverable**:



4. The scanner discovers the iOS device, and displays its name and the option to connect. Select **Yes**.
5. From the iOS device, view the Bluetooth settings to see available devices. The scanner displays as RS420_<serial number>. The scanner's serial number is located on the back of the scanner on the Allflex decal.
6. Tap the correct scanner. If prompted for a password, use **1234** or **0000**.
7. The scanner displays a message to confirm the connection. Verify the connection on the iOS device.
8. Once the scanner and iOS device are connected, the scanner displays an M next to the Bluetooth symbol  to indicate it is paired as Master.

You should now be able to use the RS420 as a scanner with PULSE mobile app on your iOS device.

✓ **Pair RS420 with an Android Device**

If you have reconfigured a scanner for use with an iOS device and want to return it to Android setup, you'll need to reconnect it to your Android device. See [**Use a Scanner with Android Devices \(v1\)**](#) for details.

To avoid having to reconfigure the RS420 when switching between device types, consider maintaining dedicated scanners for Android and iOS devices. Or, you may choose to purchase an additional, lower-cost scanner for use with the less common device type.

1.6.6. Connect an Allflex Scanner (v1)

If you purchased your Allflex scanner from VAS, follow the steps below to connect it to your Android or iOS device.

✓ Was My Scanner Purchased from VAS?

Check the back of your scanner to confirm if it was purchased from VAS. All scanners purchased from VAS have **VAS Scan the QR** code stickers.



TIP: Although these pairing instructions apply to the Allflex APR250, AWR300, and APR600 scanner models, images shown are from the AWR300. Expand the sections below to learn more.

✓ **Required Setup**

- Before you connect the Allflex APR250 RFID scanner, Allflex AWR300 RFID scanner, or Allflex APR600 RFID scanner, download the latest firmware from the [**Allflex website**](#).
- If you purchased the scanner from a third party, verify with the seller that the scanner has all of the necessary configuration files installed before you continue.

✓ **Navigation Tips**

- The display is **not** a touchscreen; options are selected using the **Arrow** buttons.



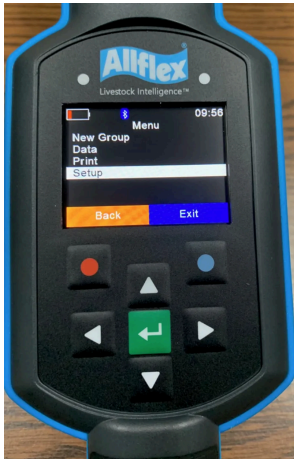
- To confirm a selection, you must press the **Enter** button . To confirm options highlighted in orange or blue, press the **Red** or **Blue** button instead.

1 Power on the scanner.

2 Press the red button in the bottom half of the display to open the **Menu**.



- 3 Using the arrow buttons, select **Setup** and press the **Enter** button .



- 4 Select **Interface Setup** and press the **Enter** button .



- 5 Select **Bluetooth** and press the **Enter** button .



- 6 Select **Set Bluetooth Mode** and **Enter** button .



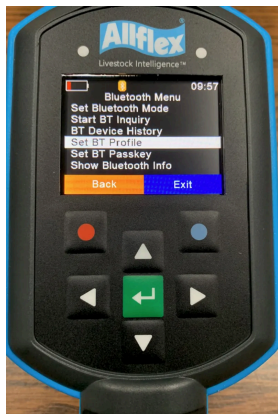
7 Set the Bluetooth mode for your device type.

✓ **Android**

1. Select **Slave Mode** and press the **Enter** button .



2. Select **Set BT Profile** and press the **Enter** button .



3. Select **SPP** and press the **Enter** button .

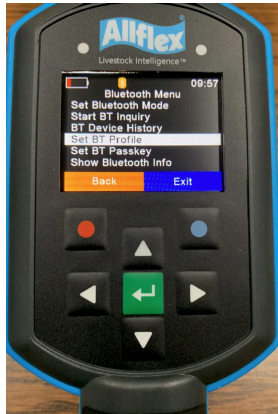


▼ iOS

1. Select **Master Mode** and press the **Enter** button .



2. Select **Set BT Profile** and press the **Enter** button .



3. Select **IAP** and press the **Enter** button .



- 8 Press the blue button to **Exit** setup.



- 9 Press the **Enter** button  to begin scanning.

1.6.7. Configure a Tru-Test SRS2 Scanner (v1)

The Tru-Test SRS2 RFID scanner is a portable hand-held device that allows you to quickly read, record, and transfer [EID](#) tag information for the animals in your herd.



IMPORTANT: Tru-Test SRS2 RFID scanners are currently only supported in the Android version of the mobile app. Always charge your scanner to 100% before configuring settings. Expand the sections below to learn more

✓ **Required setup**

Before you connect the Tru-Test SRS2 RFID scanner, download the latest firmware from the [Tru-Test website](#).

✓ **Navigation Tips**

The display is not a touchscreen. You can navigate to options using the **Arrow** buttons.



To select an option, press the **Scan** button.



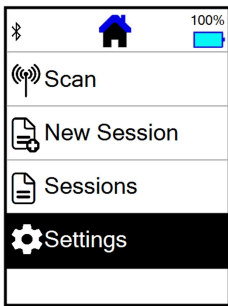
NOTE: The **Scan** button is also referred to as the **Read** and/or **Select** button in your Tru-Test SRS2 RFID scanner user manual.

To return to a previous menu, press the **Return** button.



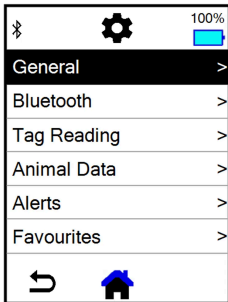
Follow the steps below to configure a Tru-Test SRS2 RFID scanner:

- 1 Use the **Arrow** buttons to navigate and press the **Scan** button to select **Settings**.



2

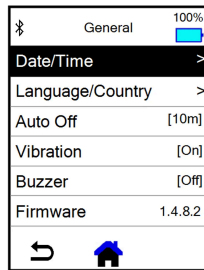
Select **General**.



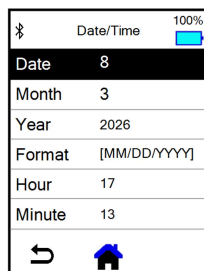
3

✓ Set the date and time.

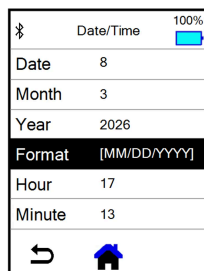
1

Select **Date/Time**.

2

Select the current **Date**, **Month**, and **Year**.

3

Set the **Format** to **MM/DD/YYYY**.

4

Set the **Hour** and **Minute** time settings for your time zone.

NOTE: Time settings are in military time.

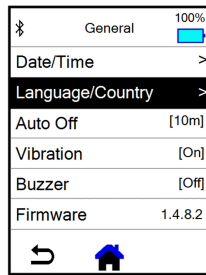
5

Press the **Return** button to return to the **General** menu.

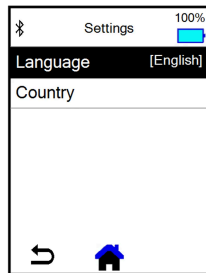
4

✓ Set the language and country.

1. Select **Language/Country**.



2. Set **Language** to **English**.

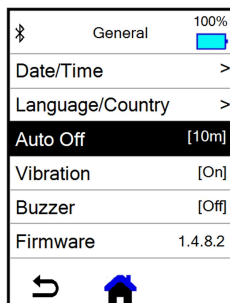


3. Select your **Country**.

4. Press the **Return** button to return to the **General** menu.

5

Set **Auto Off** to **10m**.

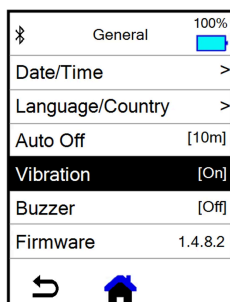


6

Press the **Return** button to return to the **General** menu.

7

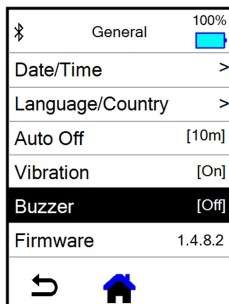
Set **Vibration** to **On**.



8

Press the **Return** button to return to the **General** menu.

9

Set **Buzzer** to **Off**.

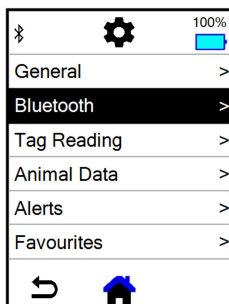
10

Press the **Return** button to return to the **General** menu.

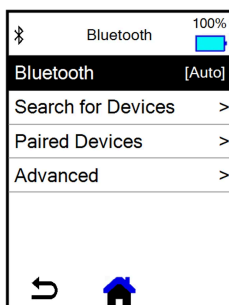
11

Press the **Return** button to return to the **Settings** menu.

12

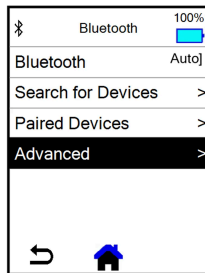
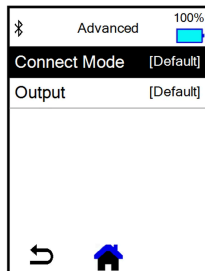
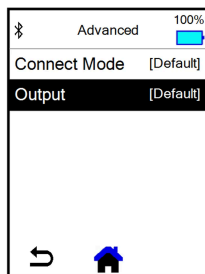
Select **Bluetooth**.

13

Set **Bluetooth** to **Auto**.

14

✓ Set advanced Bluetooth features.

1. Select **Advanced**.2. Set **Connect Mode** to **Default**.3. Set **Output** to **Default**.4. Press the **Return** button to return to the **Settings** menu.

15

Press the **Return** button to return to the **General** menu.

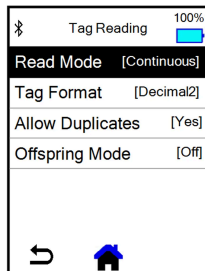
16

Press the **Return** button to return to the **Settings** menu.

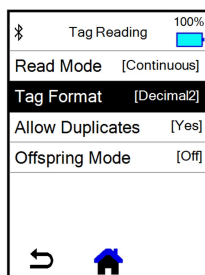
1. Select **Tag Reading**.



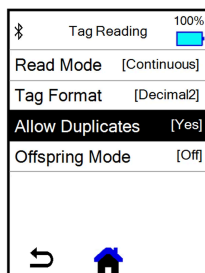
2. Set **Read Mode** to **Continuous**.



3. Set **Tag Format** to **Decimal2**.



4. Set **Allow Duplicates** to **Yes**.



5. Press the **Return** button to return to the **General** menu.

1.6.8. Delete a Tru-Test SRS2 Scanner Session (v1)

The Tru-Test SRS2 RFID scanner is a portable hand-held device that allows you to quickly read, record, and transfer [EID](#) tag information for the animals in your herd.



IMPORTANT: Tru-Test SRS2 RFID scanners are currently only supported in the Android version of the mobile app. Expand the sections below to learn more

✓ **Required Setup**

Before you connect the Tru-Test SRS2 RFID scanner, download the latest firmware from the [Tru-Test website](#).

✓ **Navigation Tips**

The display is not a touchscreen. You can navigate to options using the **Arrow** buttons.



To select an option, press the **Scan** button.



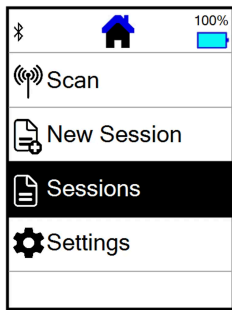
NOTE: The **Scan** button is also referred to as the **Read** and/or **Select** button in your Tru-Test SRS2 RFID scanner user manual.

To return to a previous menu, press the **Return** button.

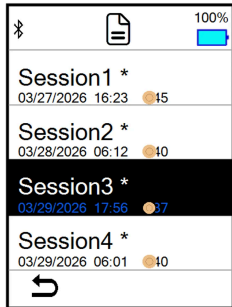


Follow the steps below to delete a Tru-Test SRS2 RFID scanner session:

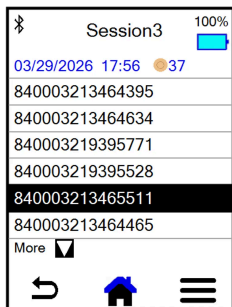
1. Use the **Arrow** buttons to navigate and press the **Scan** button to select **Sessions**.



2. Select a **Session** name.

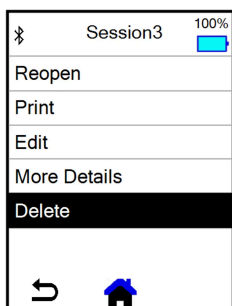


3. Select a session **ID**.

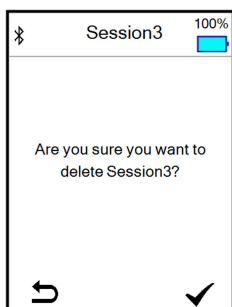


4. Select the hamburger icon in the bottom right corner .

5. Select **Delete**.



6. Select the check mark icon in the bottom right corner  to confirm the deletion.



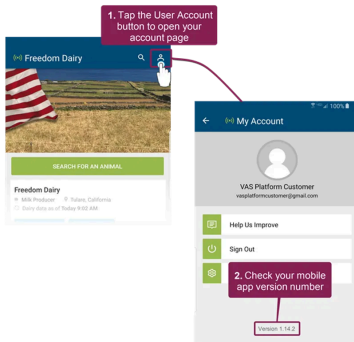
NOTE: A session holds up to 10,000 scans. When a session fills up, you'll need to start a new session to continue sending data to the mobile app.

1.7. Account and App Settings (v1)

- [Install or Update the Mobile App \(v1\)](#)
- [User Account Page \(v1\)](#)
- [User Settings Menu \(v1\)](#)

1.7.1. Install or Update the Mobile App (v1)

Follow the guidelines below to Install or Update the Mobile App:



✓ Minimum Requirements

Review the [Minimum Requirements](#) on the VAS website before installing the mobile app on iOS and Android devices.

✓ Install the Mobile App

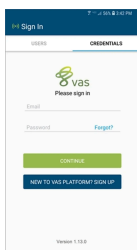
The mobile app offers many of the same features as the web version and can be used on Android and Apple iOS devices. Review the [Minimum Requirements](#) on the VAS website before installing the mobile app on iOS and Android devices.

Follow the steps below to Install the Mobile App:

1. Visit Google Play or the app store on your device to download and install the app.

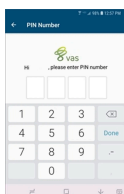


2. Launch the app and log in with your PULSE username and password.



If you have not created your PULSE user account, tap **New to VAS PULSE Platform? Sign Up** (see [Sign Up](#) for help). Complete the sign-up process and log in to the mobile app.

3. Set a 4-digit PIN number that you will enter each time you open the mobile app.

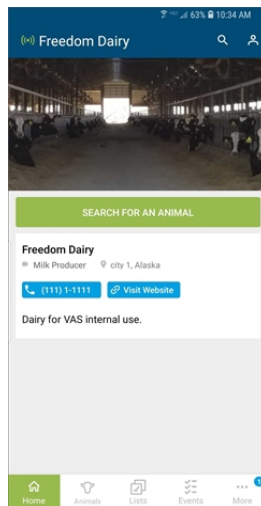


4. After you log in, use the **My Dairies** tab to choose a dairy and begin viewing data or the **Find a Dairy** tab to search for and connect to a dairy.

Choose from the
My Dairies list

Or Find a Dairy and

See [Using the VAS Platform Mobile App \(v1\)](#) for more information



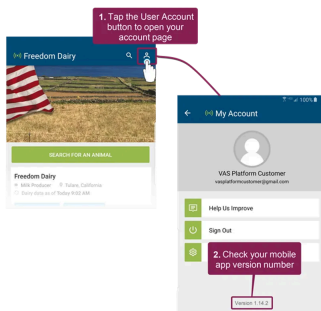
✓ Update the Mobile App

Updates are typically controlled by the options you choose in your mobile device settings, which are independent of VAS PULSE Platform settings. **The most recent release of the mobile app is always available in the app store.** If your device does not have the current version installed, please visit Google Play or the app store and update it from there.



✓ How do I check my mobile app version?

Tap the **User Account** button  at the top right of the screen to open the **My Account** screen to check which version of the mobile app you are using.



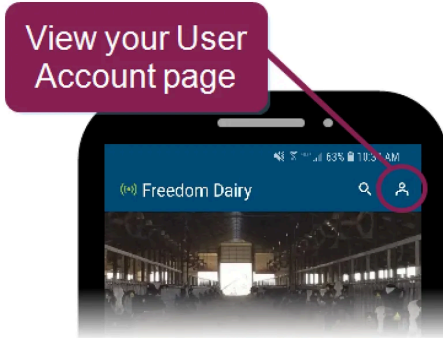
The current mobile app version number is displayed at the bottom of the screen.

✓ Related Topics

- [Using the VAS Platform Mobile App \(v1\)](#)
- [How do I change PULSE language?](#)

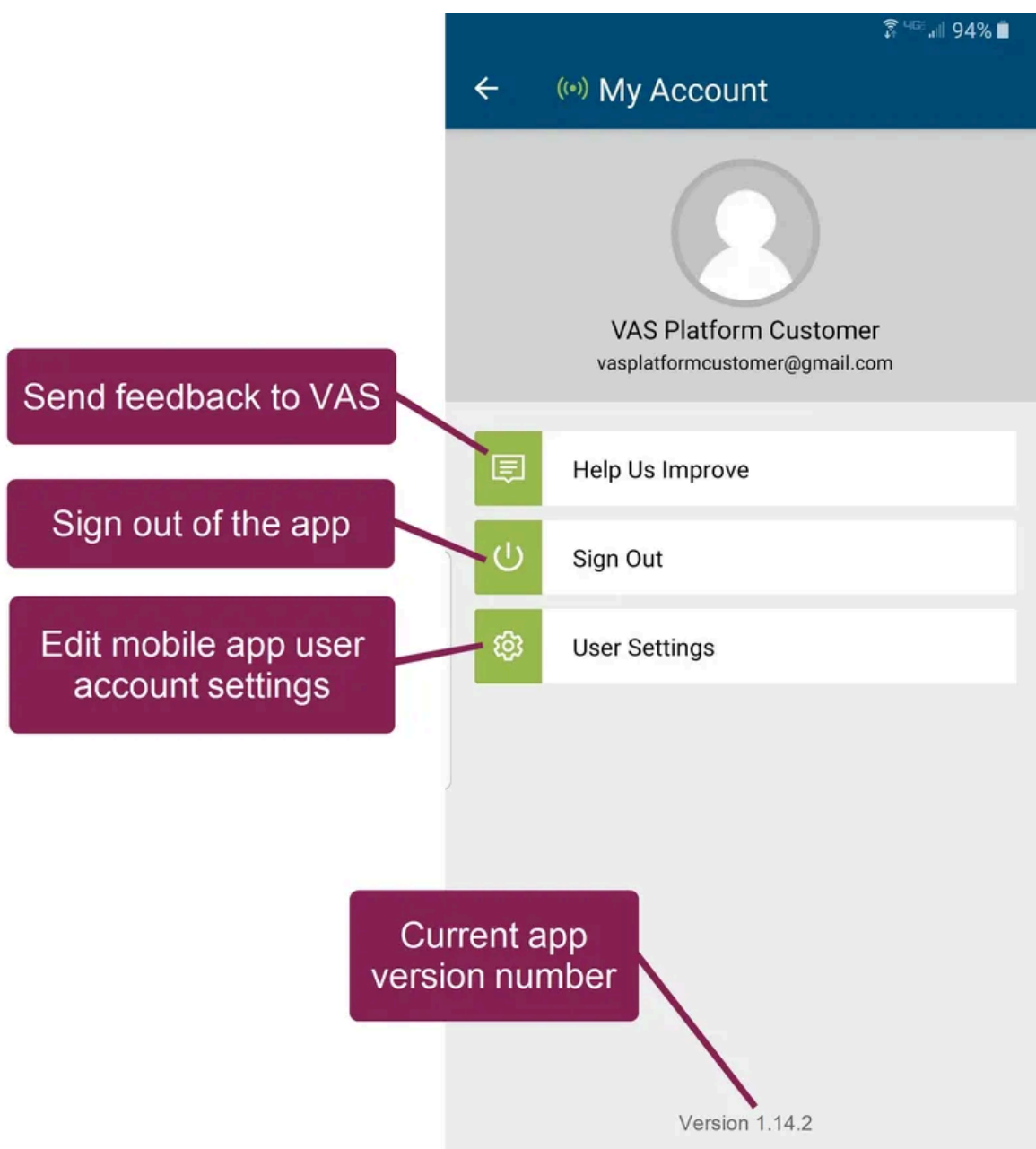
1.7.2. User Account Page (v1)

Tap the **User Account** button  at the top right of the screen to open the **My Account** screen.



At the very bottom of this page, you can find your current mobile app version number (see example below). Within this page, you have the following options:

- **Help Us Improve:** We love to hear from our customers! Tap this option to let us know how the mobile app can better meet your needs. See [Help Us Improve!](#) for more information.
- **Sign Out:** Tap this option to sign out of the mobile app.
- **User Settings:** Tap this option to view your mobile app user settings. See [User Settings Menu \(v1\)](#) for more information.



✓ Related Topics

- [Mobile Apps](#)
- [Install or Update the Mobile App \(v1\)](#)
- [User Settings Menu \(v1\)](#)

1.7.3. User Settings Menu (v1)

Tap the **User Account** button  at the top right of the screen to open the **My Account** screen to open the **User Settings** menu, and then tap the **User Settings** option.

The following settings are available in the current release:

- **Ask Me the PIN:** Set how frequently the app prompts you to enter your PIN (**Always**, **After 8 hours**, or **Once a day**).
- Care Package: Use this switch to automatically download new data from PULSE each time you choose a dairy from the **My Dairies** list (WiFi or data connection required). If this switch is toggled off, the mobile app will **not** check for new data when you open a dairy from the **My Dairies** list.

✓ **What is a "Care Package"?**

VAS uses the term "Care Package" to describe the updates that PULSE "packages up" and sends to the mobile app. The care package is used to keep the mobile app updated with the most recent on-premise data received by PULSE.

When this setting is on, the mobile app checks with PULSE each time you select a dairy from the **My Dairies** list to see if a new care package is available. If so, then the app downloads the updated information from PULSE.

✓ **Related Topics**

- [User Account Page \(v1\)](#)
- [Manage Mobile App Data \(v1\)](#)