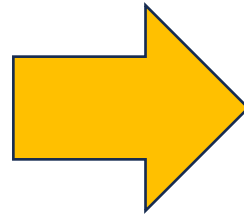


HerdManager: Best Practices



Why we organize.

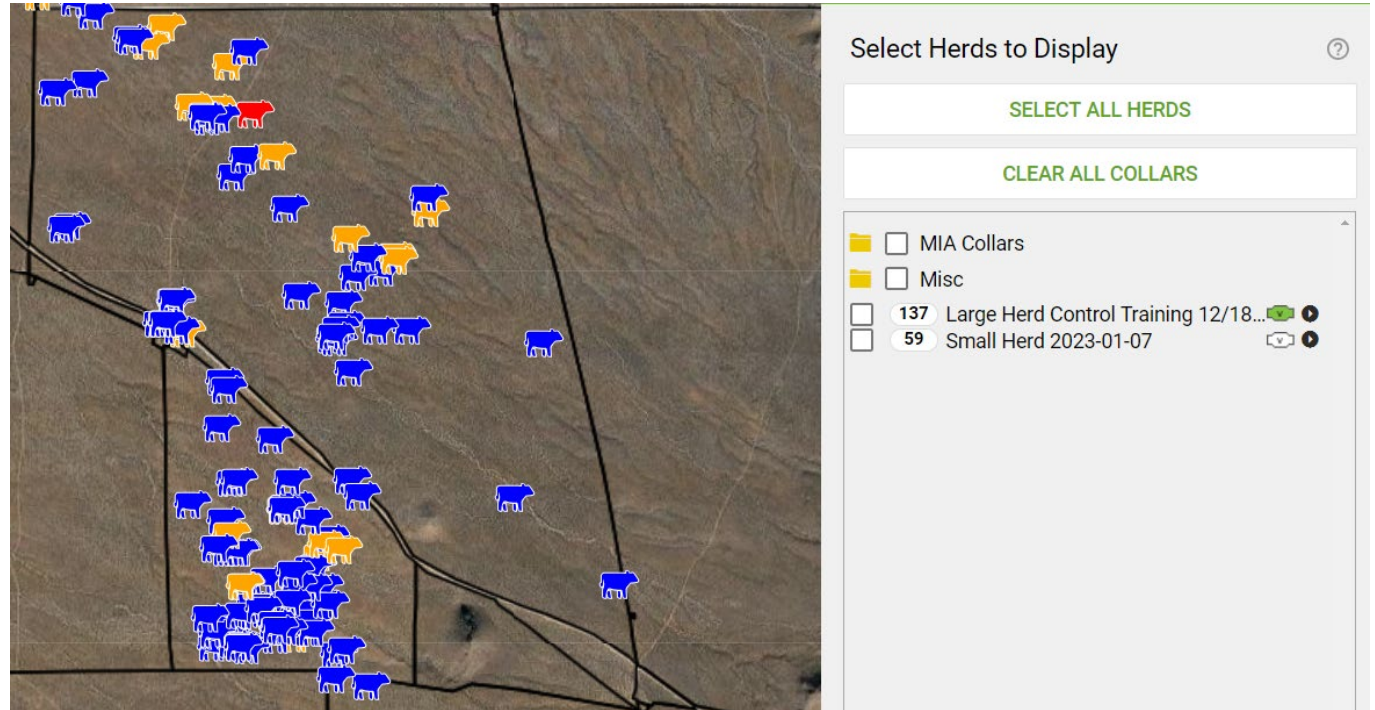
- **Return on investment is contingent on immediate implementation.**
- Desire to see the benefits of VF on grazing management



1. **Focus** on animals we can actively manage
2. **Identify and locate** missing collars
3. **Remove obstacles** limiting VF use in a ranching operation

Preface for organizing your herd

- Herdmanager organizes virtual herds by collar not the animal
- Virtual herds are managed by virtual fences



Managing collar changes to a herd.

Updating Eartags and EIDs after the initial upload requires manual changes per collar.

This is difficult to manage with out external documentation animals related info.

Edit 101

CANCEL SAVE ?

Ear Tag
101

Electronic ID
NA

Regulatory ID

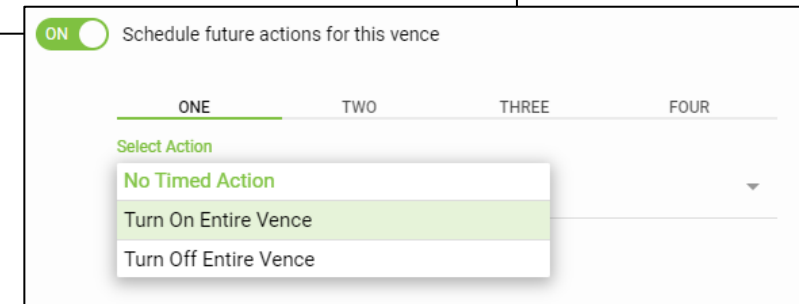
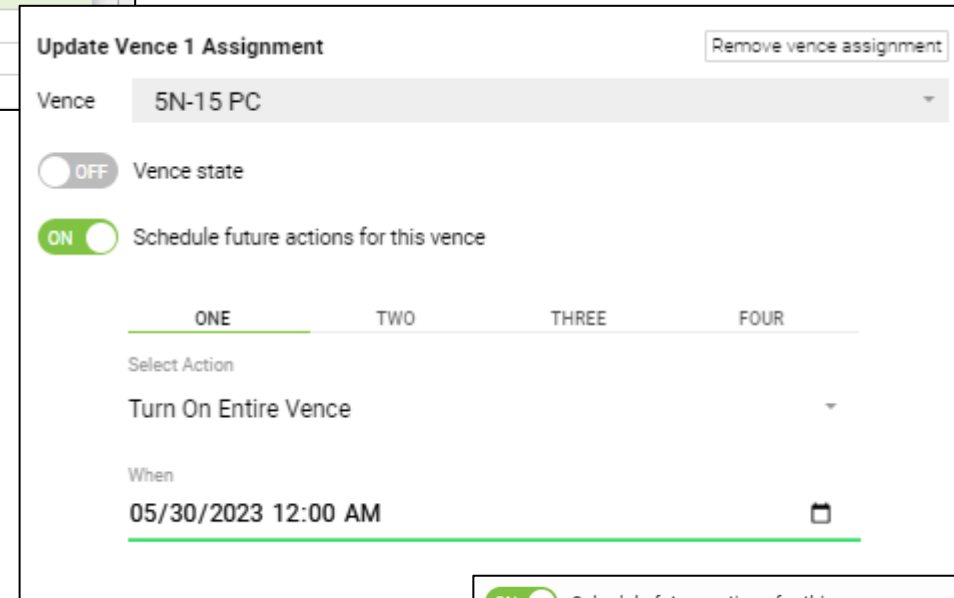
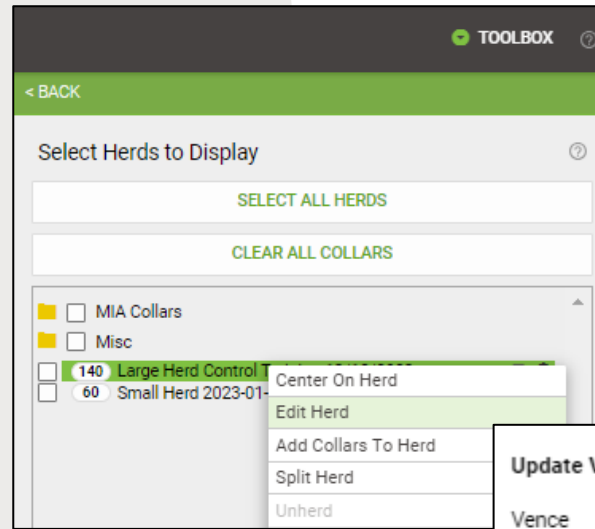
Personal Number

Brand

Collar
00007cf2dd1fd4d0 ✕

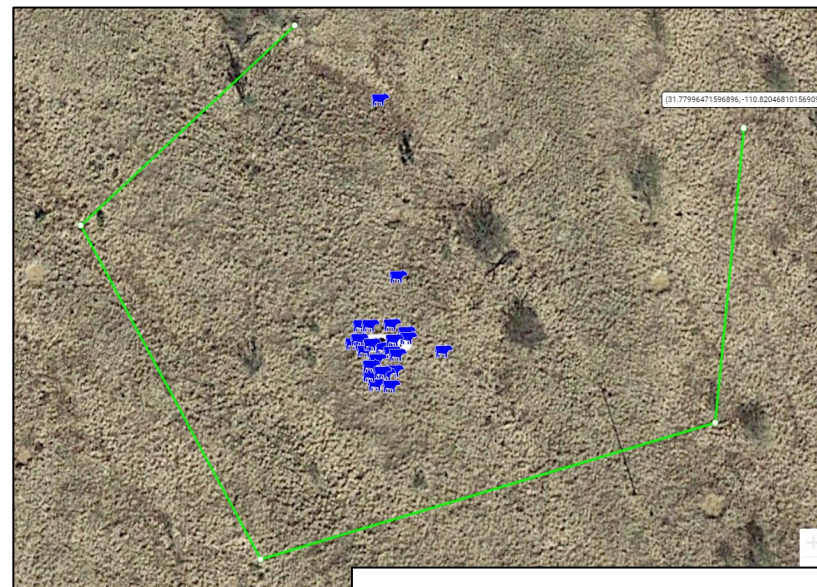
How: In Practice

- Select and edit the virtual herd
- 16 fencing slots available
- 4 scheduled actions



Making a Virtual Fence

- 3 steps
 - Virtual fence Type
 - Delineating the fence
 - Assigning management boundaries






Create Vence ?

	INCLUSION
	EXCLUSION
	MOVEMENT

Vence Name
Capture fence Alert Outside

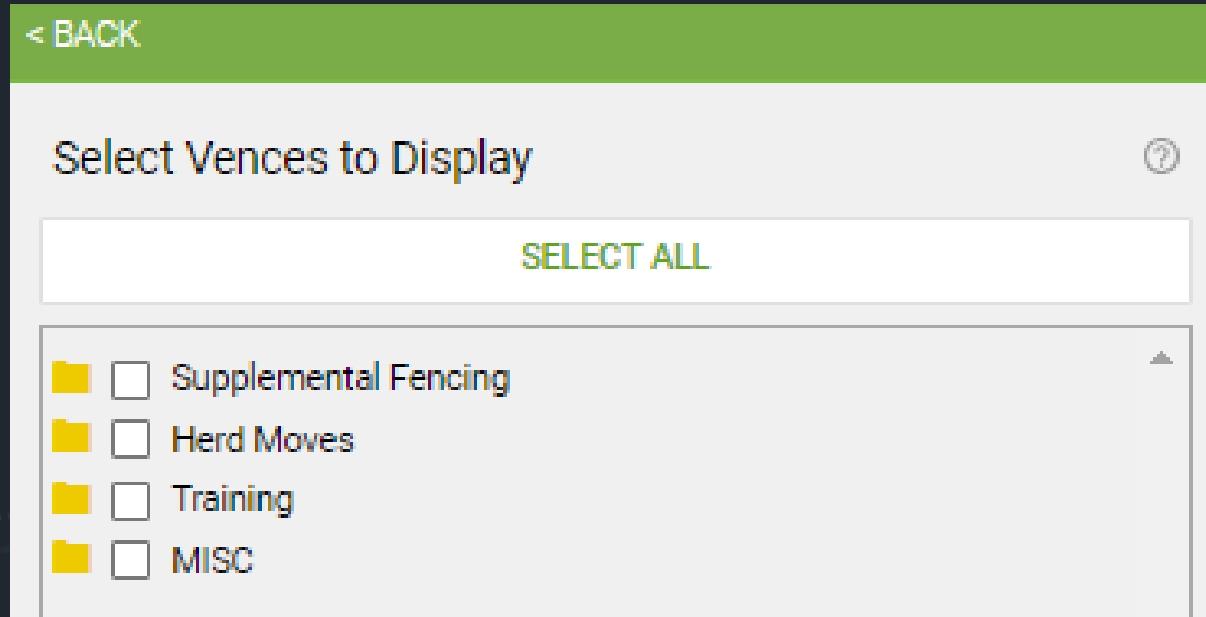
Shock Width (in meters) 75 Sound Width (in meters) 15

Set (V)ence or (P)hysical edge

Vence	Assignment	State	% Up to Date	Actions
1	SRER Workshop Example 1		76%	<input type="button" value="Edit"/> <input type="button" value="Remove Assignment"/>
2	SRER Workshop exp 2		70%	<input type="button" value="Edit"/> <input type="button" value="Remove Assignment"/>
3	Empty		86%	<input type="button" value="Edit"/>

How: Considerations

- Every update to a virtual herd requires time.
- Larger the herd longer the period of time.
- Goal: Shorten the number of updates to streamline use



Fence Organization: Why?

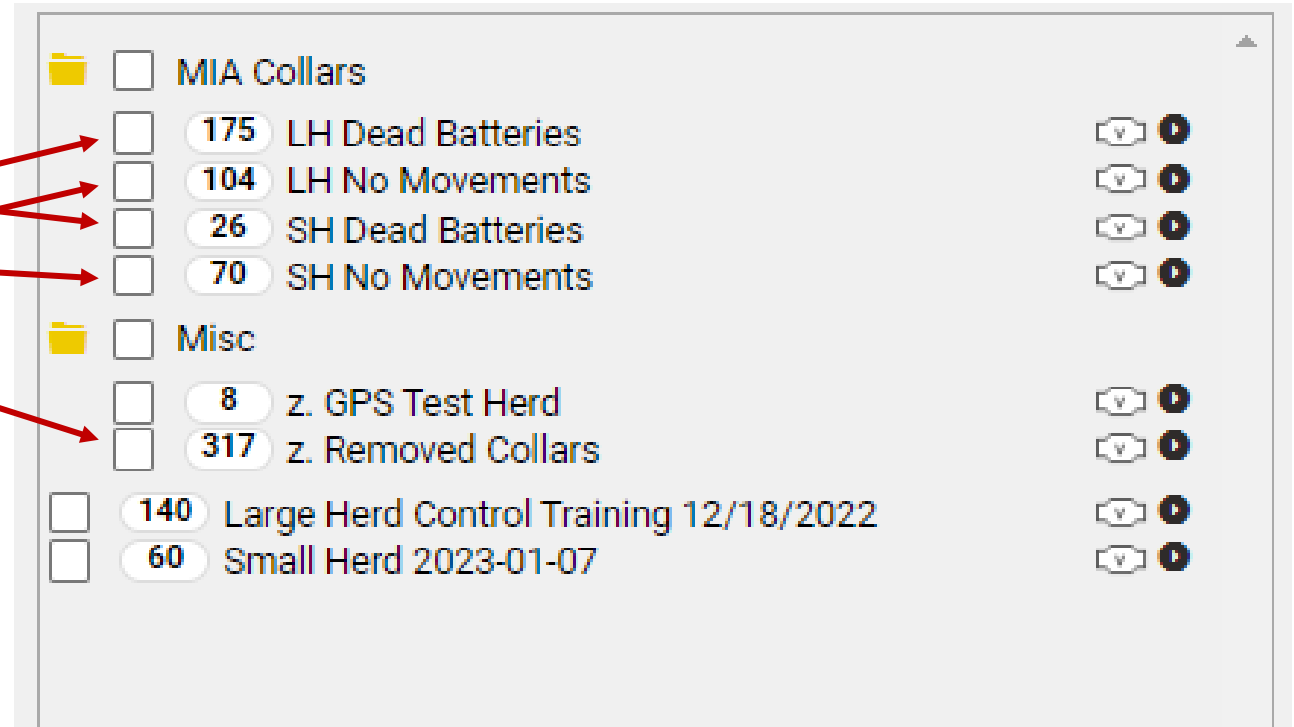
- Organizing fencing allow for quick virtual fence assignment.
- Fences can be organized by pasture and by how they're used.

Organizing herds

- Unavoidable circumstances

- Batteries on collars will run out
- Collars will fall off animals
- Collars can malfunction

- You need to plan and account for these changes by storing collars into unique virtual storage herds

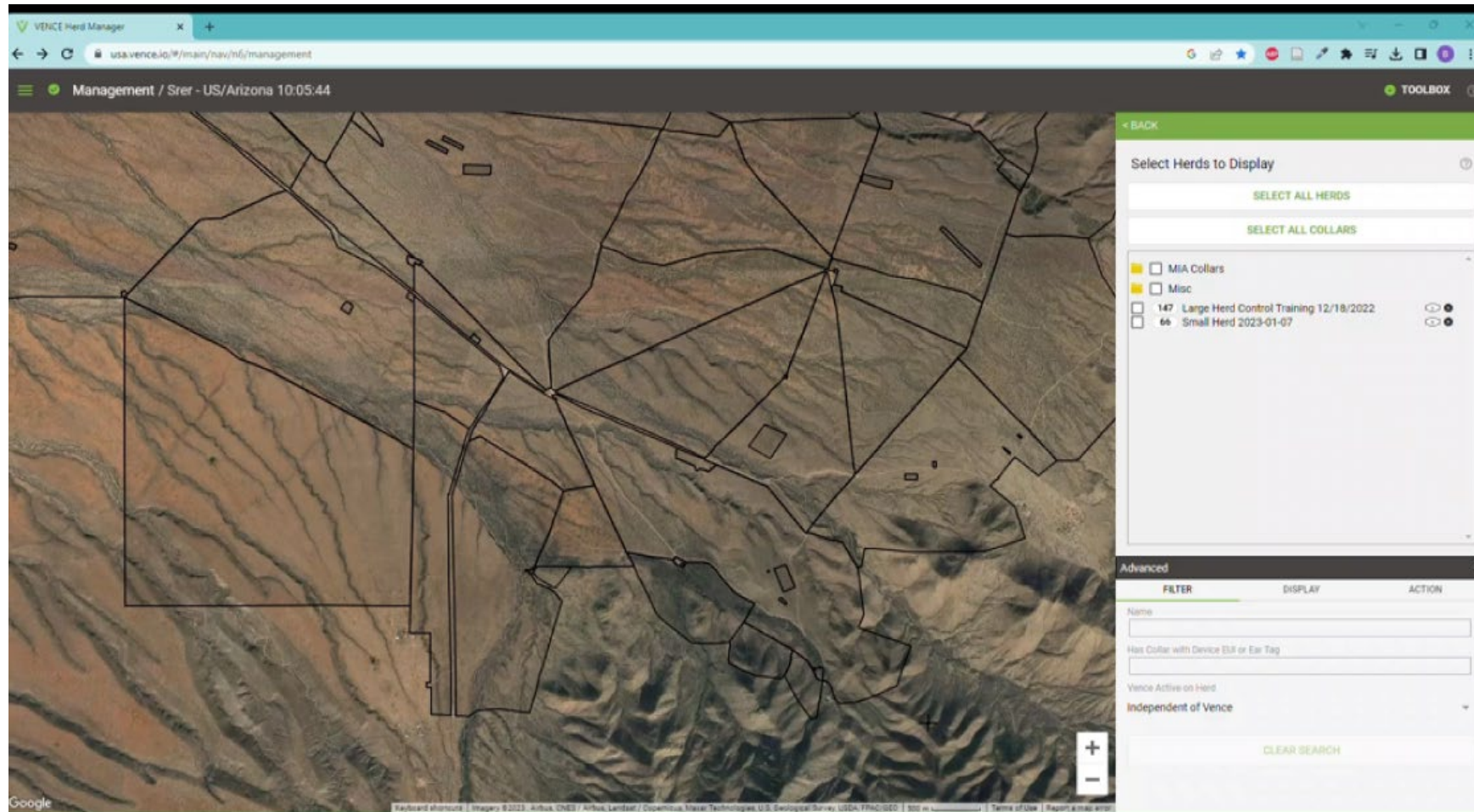


Created ↑	Type	Alert	Herd
01/08/2023, 22:04:21	No Movement	The collar 00007cf2dd1ffab4 does not appear to have moved in 24 hours	Large Herd Control Training 12/18/2022
01/08/2023, 21:19:55	Critical Battery	Collar 00007cf2dd2017f8 has a critically low battery. Sound and shock have been dis...	Large Herd Control Training 12/18/2022
31/07/2023, 19:17:41	Low Battery	Collar 00007cf2dd2017f8 has a low battery.	Large Herd Control Training 12/18/2022
30/07/2023, 19:16:41	Critical Battery	Collar 00007cf2dd201b34 has a critically low battery. Sound and shock have been di...	Large Herd Control Training 12/18/2022
26/07/2023, 14:13:18	Shock Disabled	Collar 00007cf2dd203295 has automatically updated. Sound and shock have been di...	Large Herd Control Training 12/18/2022
25/07/2023, 08:42:32	Critical Battery	Collar 00007cf2dd203295 has a critically low battery. Sound and shock have been di...	Large Herd Control Training 12/18/2022

How do we know what's going on with collars?

- Updates on collar state and changes to that state are transmitted from collars
- No Movement alerts are not always reliable

Tips for organization: Dead Batteries and No Movements





Tips For Organization: Broken Collars

- Collars can malfunction due to water damage, wear, or old age.
- Keeping track of these allows you to request replacements and keep unassigned collars separate.

The University of Arizona

Virtual Fence Program

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Livestock Extension



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