

Velos version 2021.1

2021.1 SR10

- System attentions regarding the SmartTag receiver such as “Device not working [1]: Unstable connection” & “Device not working [1]: No connection” will no longer be listed as an active system attention once the SmartTag receiver has been discovered again. They will remain visible on the Maintenance > System - System attentions > History tab.
- Due to compatibility issues with the new generation of V-Packs. It's no longer possible to downgrade the firmware of V-Packs. Please contact your business partner if there is an occurrence in which a downgrade is desired.
- Improved the loading time of the Dashboard page
- Fixed an issue in the Maintenance > V-Pack & Settings V-Pack pages where it would list devices as -1 (Not used). This would occur with wireless UHF devices like the VP4201 Beacons & repeater VP4102 readers.

2021.1 SR9

- Fixed an issue that would cause “Device missing SmartTag receiver” system notifications
- Fixed an issue in the Maintenance > Behaviour components > Positioning beacons page where it would always display a Voltage of 0.00
- Improved the cow positioning performance. It now takes less time to show a single animal on the map.
- Added new firmware version 3.05.37 for VP1801

2021.1 SR8

- Fixed an issue with uhf V-Pack communication which could cause a slow responding system
- Fixed an issue where no heat calendar attentions were not calculated correctly
- Fixed an issue in user management role permissions where an error could occur when creating a new user role.
- Fixed an issue where missing V-Packs would not generate a system attention
- Improved performance for VP1004 communication when used by a Per Place ID behaviour component
- Removed legacy V-Pack firmware versions
- Firmware upgrade files of the VP1001 and the VP1007 have been removed from Velos temporarily because of issues discovered in upgrading the firmware.
- Improved VPU connection checker performance
- Improved speed of Dashboard widgets
- Fixed issue that caused Cow Sorter using VP1801 to get stuck in some cases
- A security vulnerability has been discovered in the log4j library that is used in Velos. This has been fixed in this version by using log4j v2.15.

2021.1 SR8a

- A security vulnerability has been discovered in the log4j library that is used in Velos. This has been fixed in this version by using log4j v2.16.

2021.1 SR8b

- A security vulnerability has been discovered in the log4j library that is used in Velos. This has been fixed in this version by using log4j v2.17.

2021.1 SR7

- Fixed an issue where data from 1st generation RT leg tag would not be processed correctly
- Fixed incorrect errors on the Power Overview Page for a VP4102
- Fixed translation on V-Pack Power Overview Page for the VP4102



2021.1 SR6

- Fixed missing headers on the Health and management Attentions' settings page
- Added new firmware version 3.00.06 for VP1007.

2021.1 SR5

- Fixed an issue that caused V-Packs to become unresponsive when setting and getting its properties at the same time.



2021.1 SR4

- Fixed an issue where the ISO animal Location Detector behaviour component's monitor page wouldn't display correctly.
- Fixed an issue where the update of the firmware of VP1007 units failed when upgrading multiple units at the same time.
- Fixed an issue where youngstock would remain on the No insemination Calendar after insemination.

2021.1 SR3

- Fixed an issue where the location validator widget was not always visible on the Dashboard.
- Fixed an issue where a VP4101 connected with a CAN cable would not be reachable after doing a firmware update.
- Fixed an issue where animal groups would not be sorted correctly on the Heat detection & Urgent attention pages.

2021.1 SR2

- B variant V-Packs can now be identified on the Maintenance > V-Packs page
- Fixed an issue where animal sorters would always move the gate towards the default exit. The gate will now remain in the same position when two or more animals have the same routing exit.

2021.1 SR1

- Excel export is now supported in all reports
- The "Forgot my password" functionality did not work anymore. Fixed this issue.
- Fixed an issue that caused the VPU to start-up very slow.
- Fixed an issue where a firmware update notification stayed on the dashboard even after the update was finished.
- Fixed an issue where an animal would have an incorrect reproduction state when she has a negative pregnancy check and an insemination event on the same date.
- Fixed an issue where the parlor feeder's portion size would change when the users manually sets an animal's portion size using an MPC2.



Release notes

The Nedap Velos 2021.1 software version contains new and improved functionalities that provide new solutions, add valuable options to existing solutions and further increase the ease of use of Velos. This version is compatible with Taurus 2020.2 (5.101.7.0)

Custom options for pasture-based dairy operations

Several new features allow Nedap CowControl to be further tailored to the specific needs of pasture-based dairy operations. Specific options to customize seasonal breeding and voluntary waiting period (VWP) settings ensure the added value on these operations is further increased:

- Enable “Seasonal Breeding” through *Settings > Calendar > General page*.
- Enter a date representing the end of the voluntary waiting period. The voluntary waiting period can also be set as a number of days since birth or after calving.

The entered VWP will be the input for the notification algorithms. Cows will now appear on the *No heat* and *No insemination* list when both the VWP in DIM and the date are passed.

End voluntary waiting period

Youngstock

Days since birth

Lactating

Days since calving

☐ Seasonal breeding



QR-code simplifies input of responder numbers



Registering responder numbers in Velos is now possible by scanning a QR code printed on the SmartTags. This significantly simplifies and speeds up the input process.

The Velos software now supports reading QR-codes. This allows responder numbers to be filled in automatically in fields where necessary. By clicking on the QR-button (see below), the smartphone or tablet camera is activated and upon recognition, the responder number is entered directly into the field.



Responders

Responder 1

999000000242684



This functionality has also been added to the handheld application:

Scan animal



Widget 'Animals at unexpected group/pen'

The *Animals at unexpected group/pen* widget has been added to provide quick insight into which cows may be in the wrong group or pen. Through this feature, they can be quickly detected and moved to the right group/pen or corrected in Velos if necessary, thus avoiding potential problems and ensuring the operation runs as efficiently as possible.

The widget appears on the dashboard and shows animals that administratively have a different location than where they were detected by the system on the farm / in the barn.

⇌ Animals at unexpected group/pen		
3 Total	Group / pen	No. of animals
	3. Droog	2
	1. Robotgroep	1
Show attentions >		

Not linked smarttags

- The *Unknown animals* page is now named *Not linked smarttags*.
- Column *Group/pen* is added to the *Not linked smarttags* page.
- Button name *Not my smarttags* on *Not linked smarttags* page is changed to *Hidden tags*.

Not linked smarttags									
<div>Actions</div> <div>Refresh</div> <div></div> <div></div>									
<input type="checkbox"/> Tag	Animal number	Life No	Production group	Group / pen	Feed plan	Birth date	Calving date	Lactation	
<input type="checkbox"/> 214020043648522			Default group	0. Farm	Fixed amount			1	
<input type="checkbox"/> 214020043648542			Default group	0. Farm	Fixed amount			1	
<input type="checkbox"/> 214020043648802			Default group	0. Farm	Fixed amount			1	
<input type="checkbox"/> 229020027951152			Default group	0. Farm	Fixed amount			1	
<div>50</div> <div>Previous 1 2 3 4 Next</div> <div>Hidden tags</div> <div>Submit</div>									



Other additions and improvements

Various other options and improvements have been made to work more efficiently, more user-friendly and to gain better insights to make informed decisions.

- *No heat* and *No insemination* attentions can now be generated for youngstock as well.
- A filter option is added to the *Group / pen* column within the *Heat detection* and *Animals to check* attention lists, to be able to tailor the display of this column to personal preferences.
- An option is added to view heat attentions for dry cows through *Settings > Heat detection > Attentions*.
- An option is added to view heat attentions for youngstock from 8 weeks prior to the expected calving date till the expected calving date in *Settings > Heat detection > Attentions*.
- Several improvements have been made on the page *Behaviour* within *Smarttag notifications*. As a result, insight and notification in this area are more clear and user friendly.
- The *Help* button is now linked to the web help. User instructions that are relevant to the page concerned are now immediately available via the *Help* button.
- An option is added to automatically update the VPack Firmware: to activate the option, navigate to *Settings > Devices > Firmware*.
- The no heat calendar attention list will now also take heat attentions into consideration. E.g. when an animal has received a heat attention she will not be listed on the no heat attention list.

Minimum system requirements

Mobile device versions :

iOS 14

Android 5.0

Supported browsers:

Chrome, Edge

