

# Velos version 2022.1

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## 2022.1 SR8

- Fixed an issue where a manager role account couldn't access a secondary VPU's status page
- Fixed an issue where existing separation rules were not executed until a new separation rule is created
- Fixed an issue in rotor identification with feeding where the VPU would be unresponsive after a few days
- Fixed an issue in rotor identification with feeding where cows placement would be removed when cow-detect was not active
- Fixed an issue with in parlor feeding where an animal would be fed too much when its feed balance is smaller than the behaviour component's portion size
- Fixed an issue in cow positioning system where beacons could incorrectly have the error 'disconnected'
- Improved the Maintenance > Behaviour components page's speed
- Improved cow positioning calibration speed when calibrating an installation with multiple cells

## 2022.1 SR7

- Fixed an issue with animal sorting when adding a sorting rule where it would not always offer a direction when multiple exits are configured
- Made a change in the Sorting 2-3 way behaviour component settings:
  - Renamed "re-detect after" to "ID valid time"
  - When the "cow detect sensor present" option is disabled the default ID valid time is set to 60s

## 2022.1 SR6

- Fixed an issue that would cause an MPC2 update to fail
- Fixed an issue that would cause a VP4102 update to fail when connected with a VP8001 through CAN
- Fixed an issue in the Calendar Dates Report where an expected calving date was calculated when an animal has a negative pregnancy check result
- Fixed an issue in the Calendar Dates Report where an expected calving date is calculated when an animal had a positive pregnancy check result in the previous lactation
- Fixed an issue in the Calendar Dates Report where it would show a "H" for Heat, followed by the animal's insemination date. It will now display whichever heat or insemination event occurred last.
- Fixed an issue in the Parlor Monitor where animals were shifted after refreshing the page
- Fixed an issue on the Parlor Monitor & InTouch where an animal would not be removed after the position has been cleared
- Fixed an issue where behaviour components would not send settings to a V-Pack after an update. V-Packs will now reboot after an update.
- Fixed an issue on the Positioning Beacons Setup page where some columns had no name in the column selection window
- Fixed an issue where Calibration for Cow Positioning would respond very slow. Beacons should now disconnect less frequently. When a beacon loses connection an error will be displayed in the calibration page.
- Fixed an issue where VP4201s (CPS Beacons) could not be updated
- Improved Location Overview page Group Eating Patter chart's load speed
- A full screen mode button is added when calibrating for Cow Positioning
- Added V-Pack firmware for VP5001 (InTouch) – 2.00.16

## 2022.1 SR5

- Added V-Pack firmware for ISO V-Packs in order to avoid any loss of performance. As always, Nedap strongly recommends you to update all installed V-Packs to the latest firmware version. o
  - VP1001 - 3.01.03
  - VP1004 - 3.01.03



- VP1007 - 3.01.02
- VP1801 - 3.05.46

## 2022.1 SR4

- Fixed an issue on shifting cow numbers on Parlor Monitor using Per Place ID
- Fixed an issue in Rotary ID with feeding on base feed for unidentified cows. The fix in SR3 was not yet sufficient.
- Improved process for updating V-Pack firmware



## 2022.1 SR3

- Fixed an issue in the parlor feeder behavior component where relay feed motors could use an incorrect interval time.
- Fixed an issue in rotor id with feeding where an unidentified animal would not get a base feed portion
- Improved V-Pack update process

## 2022.1 SR2

- The minimum feeding time in the Rotary ID with feeding behaviour component can now be set to 10ms. This allows users to dose smaller portions when using a relay control type.
- Fixed an issue where an 'Unstable signal strength' would appear while calibrating for Cow Positioning. The calibration screen will no longer freeze when this occurs when calibrating with multiple devices.
- Fixed an issue where newly created calibration points would remain green and could not be removed when calibrating with multiple devices.
- Fixed an issue that could occur when placing a calibration point while the connection to a beacon is lost. This would result in the 'Do not move' loading animation to be played indefinitely.
- Fixed an issue where Velos incorrectly changed logical device address of beacons.
- Fixed an issue that could cause "Device missing" message to be displayed during cow positioning calibration
- Fixed an issue where urgent attentions were not visible on the animal page Inactive graph
- Fixed an issue where the actions on the 'Animals at unexpected group/pen' page would not be performed.
- Fixed an issue on the Maintenance > V-packs > Power supply page where the 'clear min/max' action did not reset the min/max values measured.
- Fixed an issue where Velos could incorrectly state that a V-pack address is not unique.
- Fixed an issue on the animal search result page in the column selection window where the column names would not be displayed.
- Added a fix to solve security vulnerabilities.
- Fixed an issue on the Heat Detection Attention page where headers wouldn't be displayed on the Handled and Suspicious tabs when viewed on mobile devices
- Fixed an issue on the SmartTag notifications page where headers wouldn't be displayed when viewed on mobile devices
- Firmware upgrade files of the VP4102 and the VP4201 V-packs have been removed from Velos temporarily because of issues discovered in upgrading the firmware through UHF.
- Fixed an issue with VP8001 that would cause an incorrect date & time to be set after a system reboot.  
**It's strongly advised to set the correct date & time after updating!**

## 2022.1 SR1

- Fixed an issue that could cause back-ups to fail on large installations running on a VP8001



# Release notes

The Nedap Velos 2022.1 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)

An installation needs to run on version 2021.1 or higher to be able to update to this version. If an installation has a lower version be sure to first update to version 2021.1.

## New MilkingControl software:

This version contains all new software modules for the new MilkingControl proposition. It mainly contains the following software:

- SmartFlow related software. This enables milk flow measuring in parlors with the new SmartFlow milk meter.
- InTouch related software. Together with the SmartFlow, new milk place control hardware is developed, named the InTouch. This device controls all milk related processes, it uses the flow information coming from the SmartFlow.
- New Parlor monitor software. The new software has a complete new look and feel, it shows real time milk and animal data from the parlor during milking. The current version of the parlor monitor will also change to the new look and feel, when updating to this new version, it requires a license update.

Check the user manuals at the portal ([portal.nedap-livestockmanagement.com](https://portal.nedap-livestockmanagement.com)) for the full description of all functionality of the new MilkingControl software.

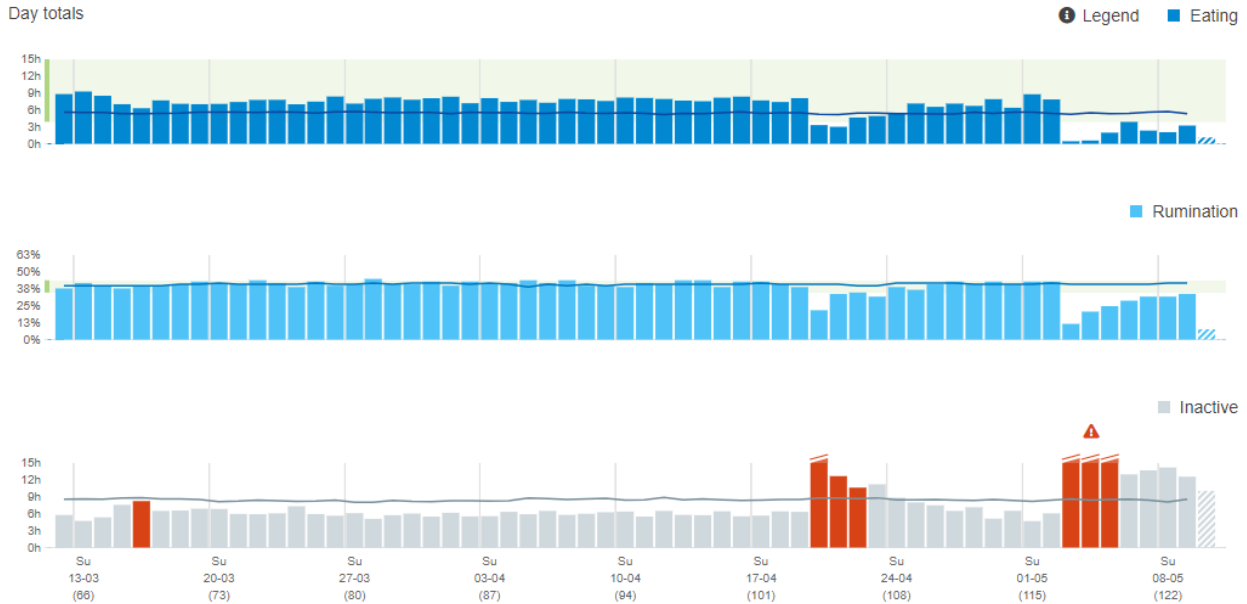
## Milk separations

Milk separations for the colostrum period are now more visible in Velos. After adding a calving event, Velos will create a milk separation for the set duration (Settings > Milking > Attentions > Colostrum). This milk separation will be shown in the 'Milking' attention widget on the dashboard. This widget already holds the milk separations of animals, entered via the 'Milking' tab on the animal overview page. These milk separations will be removed automatically when they expire according to the set duration. This increased visibility of milk separations for the colostrum period does not alter the functionality of MPCII regarding milk separations.



## Health graphs improved for rumination tags

Cow page: The animal to check attention colors the bar of inactive graph red. No bars of other graphs (eating, ruminating) will be colored red anymore. An exclamation mark in a red triangle above the bar of the day represents an urgent attention on that specific day.



## Changes in the group health and management charts

No bars in the bar charts are colored red anymore. On days with a group health attention, the group attention icon, an orange circle with a white exclamation mark inside, is visible.



## Other additions and improvements

- Maximum amount of characters for an animal life number is increased to 20
- The Separation Overview report is now available for all users with a separation license
- The online help for feeding can now be accessed from the Velos interface by pressing on the top-right Help button
- Improved the VPU connection checker page
  - Show a description what will be repaired in case there is a problem
  - Show the repair button only in case there is a problem
  - Only show units with problems

## Bugfixes

- Fixed an issue where calibration points could not be moved or deleted
- Fixed an issue where the screen would stay in a loading state when the device loses connection to the VPU while the user created a calibration point
- Fixed an issue in the MPCII where links with 3<sup>rd</sup> party software could override the colostrum milk blocking period
- Fixed an issue in rotor milking with an entrance ID where the identification would stay longer than intended
- Fixed an issue in rotor Milking where overhead ID is used, animals that are milked during a second rotation would be fed concentrate if their location was corrected.
- Fixed an issue in rotor milking where a position would be empty after a cow's position was corrected to that position
- Fixed an issue that would cause the Dashboard widget to show an incorrect amount of animals in heat when Seasonal Breeding is enabled
- Fixed an issue in which in some cases animal sorters connected by a VP1801 would get stuck
- Login page will now display a message when a user tries to connect using an unsupported version
- Fixed an issue where a VPU would not automatically update the time of V-packs connected by LAN
- Fixed an issue where users could not zoom in on mobile devices



## Firmware

New firmware has been added for the following V-Packs:

### VP1001 – 3.00.21

- Fixed an issue that could cause HDX reading to be disabled after some time has passed.

### VP1004 – 3.00.14

- Fixed an issue where identification in parlor doesn't work after a temporarily dip in power
- Fixed an issue that could cause HDX reading to be disabled after some time has passed.

### VP1007 – 3.00.15

- Fixed an issue that could cause the firmware update to fail
- Fixed an issue in VP1007-B where it appeared that HDX reading could be enabled while not active in license.
- Fixed an issue that would cause autotune to fail when a tag is present in the antenna field
- Fixed an issue that could cause HDX reading to be disabled after some time has passed.

### VP1801 – 3.05.44

- Fixed an issue that could cause HDX reading to be disabled after some time has passed.

### VP4102 – 3.06.19

- Added support for SmartFlow

### VP5001 – 2.00.12

- InTouch firmware

## Minimum system requirements

### Mobile device versions :

iOS 14

Android 5.0

### Supported browsers:

Chrome, Edge

