



Velos 2020.2

Date: 2020-09-01

First release of Velos 2020.2. This version is suitable for use in SowSense, PorkSense and ProSense.

For more information about this version please refer to:

<https://www.nedap-livestockmanagement.com/service-support/velos-software-releases/pig-farming-nedap-velos-2020-2/>

SowSense

- Handheld.

Velos 2020.1 introduces the new handheld feature. This feature in Velos is designed so 3rd party handhelds can be used with Velos. These handhelds are intended to replace the V-Scan and ID-Note. The V-Scan and ID-Note functionality will however also remain in Velos.

With a handheld, actions, e.g. setting insemination, farrowing or weaning date, can easily be applied to groups of sows. Also the new flags feature is very convenient in combination with a handheld.

The Agrident AWR300 is one of the handheld devices supported by the Velos handheld:

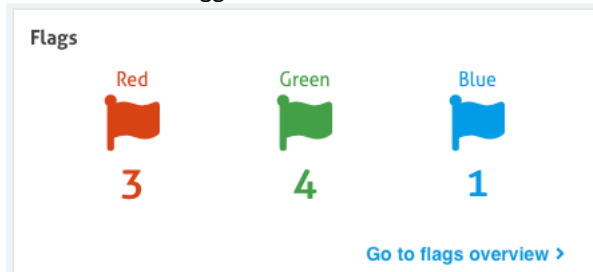


- Flags.

A new feature called 'flags' has been introduced. It is now possible to flag sows with a red, green and/or blue flag for whatever reason you like.

The flags feature is especially convenient in combination with the new handheld feature. You can flag sows in the Velos user interface and thereafter find these sows in the barn with the handheld. It also works the other way around. You can flag sows by means of scanning them with a handheld and thereafter check these sows in the Velos user interface and e.g. perform 'quick entry' actions on them.

The number of flagged animals is shown on the dashboard:



The flags overview page shows all flagged sows with their respective flags:

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Animal	Red	Green	Blue
126	✓		
458	✓		
736	✓		
1010		✓	
1397		✓	
1556		✓	
1851		✓	
2613			✓

The flags are also shown in the individual sow overview:

Basic data ▲ 🚩 - Red 🟢 - Green 🟡 - Blue [edit](#)

- The weight attentions page now also shows location and parity of the sows

Weight attentions

Actions ▼ 🖨️ 📄

Animal	Date	Attention	Location	Parity
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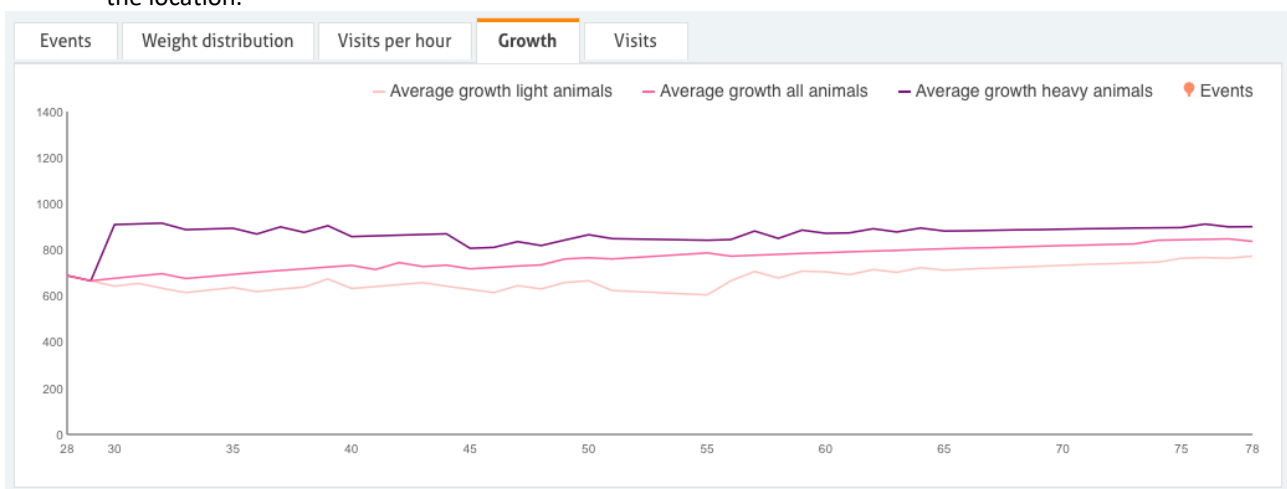
- Feed balance attentions of sows that are moved out of the gestation will be removed from the attention list immediately. When e.g. a sow is moved area towards the farrowing area she is no longer able to consume her feed ration in the gestation area. It is therefore of no use to show the feed balance attention of this sow.
- Fixed an issue where it was possible to remove a location that was still in use for automatic location management.

ProSense

- For future PPT enhancements it is now possible to choose between a toggle switch and a push button on the PPT behaviour component settings. For existing system nothing changes. These systems are all equipped with a toggle switch and this has automatically been selected.

PorkSense

- The growth chart on the location overview page now shows the average growth of heaviest 50% of the pigs and average growth of lightest 50% of the pigs. The chart also still shows the average growth of all pigs on the location.



General

- To increase safety of Velos a new password policy is implemented that requires users to use safe passwords.

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- New installations will have 2 additional default user roles by default: “Demo-view only” and “User”. The “Demo-view only” role gives a user no rights at all except viewing information. The “User” role gives a user rights to modify information. The “User” role gives rights to modify animal information but does not give rights to modify general settings.
- Fixed a VPU master-slave issue that could cause the master VPU to lose a slave VPU.
- Fixed an issue that caused a slave to hang in case its database gets corrupted.

Velos 2020.2 SR1

Date: 2020-09-07

SowSense

- Fixed an issue that brought the Agrident reader in a loop after losing WiFi connection shortly. While in this loop it was difficult to select a menu option.

General

- It is now possible to rename the ‘Farm’ location.
- Fixed an issue where locations were not synchronized correctly from the master VPU to the slave VPUs

Velos 2020.2 SR2

Date: 2020-09-29

PorkSense

- Fixed an issue where no system attention was generated in case selecting the middle exit of the PorkTuner failed while delivering

General

- Velos now gives correct directions on how to specify a correct password in case a password is too weak according to the password policy.
- Fixed an issue that prevented some OEMs from being able to upgrade to the Velos 2020 version.
- To ensure stable operation of our Velos system for customers worldwide, we are continually updating our software with added features, bug fixes and performance improvements. During regular improvements we encountered a security issue in Velos 2020.2-SR1. While this hasn’t affected any installations we addressed this issue in 2020.2-SR2, the regular service release for Velos 2020.2

Velos 2020.2 SR3

Velos version 2020.2 SR3 has not been released for SowSense, ProSense and PorkSense. Changes in this version become effective in Velos 2020.2 SR4

Velos 2020.2 SR4

Date: 2021-01-18

SowSense

- The maximum amount that was supplied in one period in breeding and farrowing feeding was automatically set to 4kg and this was not visible in the user interface. This could cause animals to have feed balance at the end of the day without a clear reason why. This has been fixed by making the maximum amount per period in breeding and farrowing feeding available as a setting in the feed plan. Default value is still 4kg.
- When creating a Section Feeder behaviour component, for breeding or farrowing feeders, the locations must be numbered consecutively. It is possible to renumber these pen numbers afterwards. While these renumbered pens may in some cases be more convenient they may also make it impossible to modify settings of this Section feeder behaviour component. If this is the case the behaviour component configuration page will now give a message to explain that this is the case.



- Fixed an issue in the Section Feeder behaviour component, for breeding or farrowing feeders. If this behaviour component was running on a secondary VPU no feed was available after rebooting this VPU.
- Fixed an issue that caused leftover feed from the previous day to be still available on the next day before the first feed period.
- When using Activators in breeding and or farrowing feeding, all Activator messages were blocked if there was a location with alphanumeric characters in the Tag field. To fix this issue locations with alphanumeric characters in the Tag field will be skipped when using Activators.
- Fixed an issue that caused location numbers not to be displayed on the farm overview page.
- Fixed an issue in the search bar and in quick entry where animals with an animal number larger than 999999 were not found when searching for a range of animals, e.g. 1-99999999.
- Rebooting Velos while an animal overview page was shown in the browser caused an error in the browser when refreshing the page after the reboot of the VPU. This problem has been fixed.
- Improved system attention messages given by the separation unit. Now it is more clear what to check to resolve the indicated issue.
- Handheld. When linking an animal to a pen the handheld would return automatically to the main menu after 30 seconds. Removed this timeout. Now a user has to select next action manually and therefore the handheld will not return to the main menu anymore.

PorkSense

- Fixed an issue where it was not possible to supply new animals because of an unfinished delivery.

General

- To ensure stable operation of our Velos system for customers worldwide, we are continually updating our software with added features, bug fixes and performance improvements. During regular improvements we encountered a security issue in Velos 2020.2-SR2. While this hasn't affected any installations we addressed this issue in 2020.2-SR4, the regular service release for Velos 2020.2. Updating is strongly recommended.
- Fixed an issue that caused the boot page to show the incorrect version number after an upgrade.
- Fixed an issue that caused two comboboxes to be shown for number of items to show in a list.
- Fixed an issue that caused the database not to be completely empty on a secondary VPU after restoring an empty database.
- Added new firmware for VP8002.

Velos 2020.2 SR5

Date: 2021-02-01

SowSense

- To support non-ISO tags the Velos handheld functionality can now handle tags with numbers with less than 15 digits.
- Fixed an issue in the 1000-day calendar that made it impossible to enter dates in the past. These dates were automatically set to today's date by Velos.
- Fixed an issue in the 1000-day calendar where on the Quick Entry page and the Calendar Events page the date was no longer automatically pre-filled with today's date.

General

- Fixed an issue where Velos could not be discovered using the Windows explorer. This works again but still be aware of firewall and explorer settings that can also cause Windows explorer to be unable to discover Velos.
- Fixed an issue that made the Velos version and user name disappear from the dashboard sometimes

Velos 2020.2 SR6

Date: 2021-02-08

SowSense

- Fixed an issue that caused weights below 100kg not to be shown in the weight chart.



- Fixed an issue that could cause farrowing feeding with activator to stop working just before midnight without showing a message.

General

- When printing reports using Chrome or Edge, no "landscape" option was offered anymore. This issue has been fixed.
- For investigation purposes Rinstrum REG_ZERO_MVV and REG_SPAN_MVV will now be read upon initialisation and their values are displayed on the monitor page of the corresponding behavior component.

Velos 2020.2 SR7

Date: 2021-03-08

SowSense

- Fixed an issue that made the Agrident handheld crash with long lists of farrowing or breeding pens when adding location tags to a pen.
- Fixed an issue where sow/gilt weights were not shown if they were below 100kg. The scale of the weight chart will now automatically adjust.
- Fixed an issue where on a mobile device the weight chart did not show values. The chart had no Y-axis and the tooltip did not work on mobile devices. Now the weight chart has a Y-axis on all devices.
- Increased the maximum amount per period in breeding and farrowing feeding to 15kg.
- Fixed an issue where the farrowing/breeding feeders would hang in "paused" state until the start of the next feeding period.
- Fixed an issue that caused the feed start calculation, where feed amounts for sows for the next day are calculated, to be interrupted when a sow was removed from the system during that calculation.

General

- Added VP1007 firmware v2.14.18.

Velos 2020.2 SR8

Date: 2021-04-19

SowSense

- Fixed an issue where special German characters were not displayed correctly on the Agrident handheld reader.
- Fixed an issue where the parity was not displayed correctly in the weight chart on the animal details page.
- Fixed an issue where the menu was not displayed anymore in PorkTuner installations with an expired temporary licence.

Velos 2020.2 SR9

Date: 2021-04-19

SowSense

- Fixed an issue where an exception occurred in case no animal information was found for a responder that was scanned with a handheld reader.
- The location of a sow was not set correctly if it was modified externally and set in Velos by Internet synchronization. If e.g. a sow was set to a farrowing pen then both the location field and the pen field of the sow was set to the selected pen. The location should be the parent farrowing section in this case. This issue has been fixed.



General

- Fixed an issue in synchronization of data from VPU to server. In rare cases the VPU unnecessarily tried to synchronize old modifications again causing the VPU to be out of sync immediately again where in fact the synchronization was still good.
- Added new firmware version 3.00.17 to Velos for the VP1001.
- Added new firmware version 3.00.17 to Velos for the VP3001.

Velos 2020.2 SR10

Date: 2021-06-07

SowSense

- Fixed an issue where modifying the responder number of a sow into a responder number already in use by another sow resulted in an error message “An unknown error occurred” on the animal page. Message is changed to “One or more responders are already in use”.
- Fixed an issue where feed plan charts were not displayed in some cases.

General

- Fixed an issue where in some cases Velos still considered the license as a temporary license after activating the license.
- Fixed an issue where in some rare cases detected V-Packs were no longer shown on the V-Pack overview page.

Velos 2020.2 SR11

Velos version 2020.2 SR11 has not been released for SowSense, ProSense and PorkSense. Changes in this version become effective in Velos 2020.2 SR12

Velos 2020.2 SR12

Date: 2021-07-15

ProSense

- Fixed an issue that caused farm overview pages to load very slowly.

General

- Vpu connection checker page is now available for users with service role.
- Fixed an issue where in some rare cases it was not possible to create a vpu-online account for a Velos installation.

Velos 2020.2 SR13

Velos version 2020.2 SR13 has not been released for SowSense, ProSense and PorkSense. Changes in this version become effective in Velos 2020.2 SR14

Velos 2020.2 SR14

Date: 2021-12-14

General

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

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Velos 2020.2 SR14a

Date: 2021-12-15

General

- An additional fix has been added to solve the security vulnerability has been discovered in the log4j library that is used in Velos. This has been fixed in this version.