



Release Notes

VELOS 2021.2

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Velos 2021.2

First release of Velos 2021.2. 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-2021-2/>

SowSense

- Farrowing feeding with Nedap Activator. To prevent sows from asking for too much feed in a short amount of time, the feed speed setting is now used. The feed speed is checked over a moving time window of 10 minutes. A sow may therefore exceed the programmed feed speed for a short while but if she does the feed speed will be limited afterwards. If for example the feed speed is set to 150 grams per minute the sow will never get more than 1500 grams of feed in any time window of 10 minutes.
- Improved farrowing feeding visit events.
 - The start of a visit is now always after the end time of the previous visit.
 - If a sow eats and stops triggering the Activator for longer than 5 minutes a feeding visit event is generated. End time of the visit is now set to 5 minutes ago.
 - If a sow eats and stops triggering the Activator for longer than 5 minutes then the programmed value now decreases after each visit
- Fixed an issue where the number of responders was not checked against the setting for number of responders when adding an animal.
- Fixed an issue where submitting a relative calibration for feeders without specifying a value for the dosed weight resulted in a calibration value of 1 g/portion.
- Fixed an issue in the report “to be separated”. This report did not show animals that must be marked.
- Fixed an issue on the farm overview page and the animal overview page. Number of animals to mark was not shown correctly on these pages.

ProSense

- Consistent calculations

Pig Performance Testing		Feeding	Weighing	
Supply date	20-10-2021 00:00		Start weight	74.0 kg
Start test	23-10-2021 00:00		End weight	100.8 kg
Completed days in test	24		Total feed intake	70.5 kg
			Weight gain	26.8 kg
			Daily Feed Intake	2936 g/d
			Daily Growth	1115 g/d
			Feed Conversion Rate	2.63

Several of the outcome measures of pig performance testing were not consistent throughout Velos. This caused slight deviations of calculated values on different pages in Velos. There are five pages that contain these outcome measures:

- Farm overview page
- Location overview page
- Animal overview page
- Animal data report
- Ranking the pigs report

The calculations are now consistent over all these pages

- Modified the rule for generating group visit attentions. In the past a group visit attention was generated for a location if there was at least one group visit with a feed intake higher than 70 grams. Group visit attentions are used to attach the feed that is registered in the group visits to a specific animal. This should only be

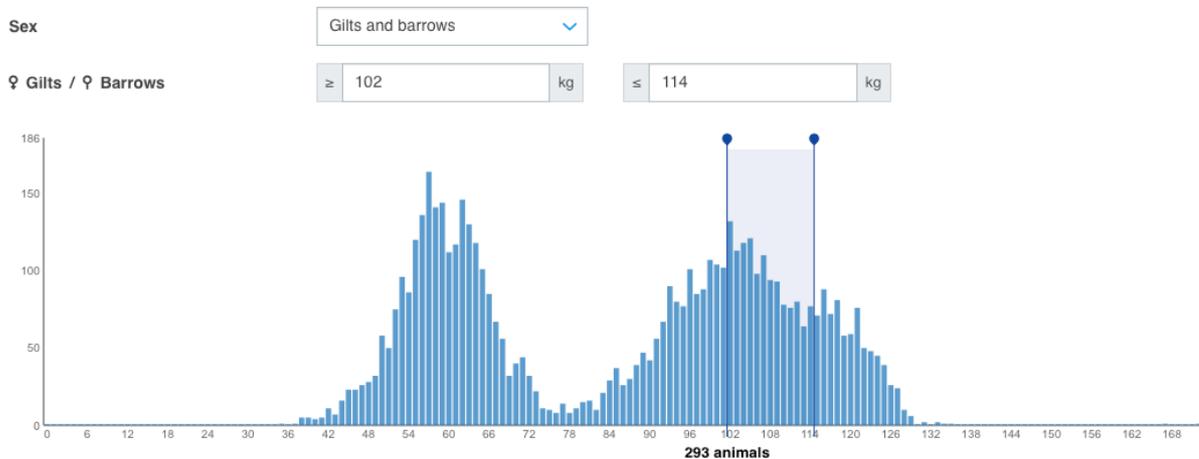
necessary if there is a pig in the group that has lost its responder. In that case the amount of feed intake in group visits will be at least 1000 grams per day. A single group visit of 70 grams is not what users want to attach to an animal, they want to add real amounts to the animals. In order not to bother users too much with unnecessary group visit attentions the rule for generating group visit attentions has been modified: A group visit attention is generated for a location if there is at least one group visit and the total feed intake for group visits for the location today is more than 500 grams.

- Fixed an issue in the “Animal data” report and the “Ranking the pigs” report. The location filter did not function correctly.

PorkSense

- It is now possible to deliver animals that are in a certain weight range. Where in the past it was only possible to deliver the lightest or the heaviest animals of the group it is now also possible to deliver a midrange.

Start new delivery: Range animals



- Delayed delivery



It is now possible to delay the start of a delivery. This way it is now possible for example to prepare the delivery and set the fencing correctly for delivery during the day when people are present on the farm and actually start the delivery remotely in the evening when nobody is present at the farm anymore.

A setting on the farm overview page specifies whether the start of deliveries is delayed or not. When deliveries are delayed there is an extra step in the delivery process: Wait for delivery start. A user action is required then in the Velos user interface to actually start the delivery.

- It is now possible to start a delivery even if the Velos installation has no internet connection.
- Shorter learning phases are now allowed. Minimum values are now:
 - Learning phase 1: 3 days
 - Learning phase 2: 3 days
 - Learning phase 3: 3 days
 - Learning phase 4: 3 days
 - Learning phase 5: 2 days

Default and recommended values are unchanged:

- Learning phase 1: 14 days
- Learning phase 2: 7 days
- Learning phase 3: 7 days
- Learning phase 4: 5 days
- Learning phase 5: 2 days
- Fixed an issue where the PorkTuner status light did not indicate state learning finished correctly.

General

- Added VP1007 firmware version 3.00.06 to support the new VP1007-B. This firmware version also supports VP1007.
- Fixed an issue where resetting the safeguard errors on the power overview page did not work for a VP4102.