DeLaval Plus

BEHAVIOR ANALYSIS

REPRODUCTION COSTS

FIND SICK COWS

COWS' LOCALIZATION

PRODUCTIVE DAYS

FIND COWS IN HEAT

UPGRADE YOUR TO-DO LIST

DeLaval

DeLaval Plus*

With DeLaval Plus Behavior Analysis you have a tool that seamlessly integrates into your operation to give you and your team total visibility and oversight of your cows 24/7.

Find sick cows

Measuring deviations on activity, rumination and eating time, may help finding sick cows earlier. That is what this new ear tag does, but the system is much more powerful than that thanks to the integration of data with the other DeLaval sensors from your milking system. That is what DeLaval Plus Behavior analysis means, seamless integration to help you easily find sick cows. Reduce the time checking cows, optimize labor, early treatment means early recovery, more productive days, less culling, less treatment costs, improve animal welfare, improve overall herd health, among other benefits.
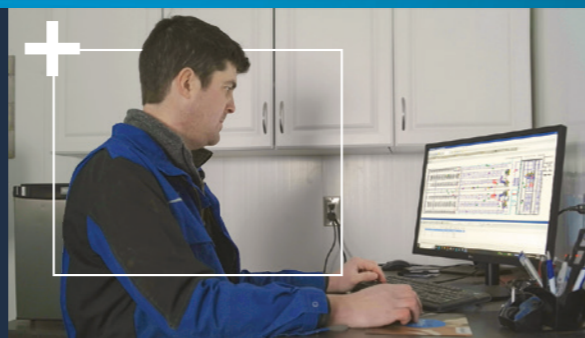
Find cows in heat

Powered by artificial intelligence, the activity and behavior of cows is measured by the DeLaval Behavior Analysis ear tag, the data is analysed to calculate the heat probability. DeLaval Plus will provide an easy-to-use list of cows to inseminate and an indication of the best insemination time. This will greatly help you improve the reproduction performance on your herd, leading to better breeding efficiency, optimize labour, better lactations, reduce reproduction costs, improve productivity, better strategies when selecting what semen to use and more.

Cows' localization

Know the whereabouts of every cow in your barn, on your PC screen and in your phone*. Make finding a cow a breeze, saving time, money and avoiding disturbing your cows. Analyze behavior and time budgets per cow, knowing how much time they spend on each area every day: feeding area, cubicles, walking areas, milking areas, etc.

*localization function is only available for the BA300 configuration.

Helps you to improve:

- Labor efficiency
- Reproduction outcomes
- Animal welfare & health
- Animal productivity
- Optimize use of resources (semen, feed, drugs, etc)
- Overall work experience of the farm's team
- Enhance the power of more DeLaval Plus services that you may incorporate for your farm in the future

Every cow located and analyzed.

Switch + Compute Node

Edge server

Powered by artificial intelligence
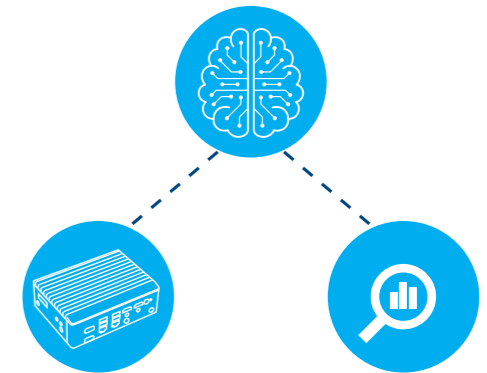### What is DeLaval DeepBlue?

DeepBlue is our most sophisticated model of cow behavior, so sophisticated that it uses artificial intelligence to find patterns that in many instances we just didn't know were there. DeepBlue searches, it finds trends and patterns, we validate and figure out how to make them valuable for you.

Thanks to DeepBlue, the system provides a state of the art heat detection, rumination and eating behavior calculations, powered by AI. And, they can get better overtime as AI models continue learning.

This process is ongoing, and new applications will be released as they are found to deliver value. It will keep getting better, and your ability to perform will keep improving.

DeLaval DeepBlue
Your data is analysed using our most sophisticated model of cow behavior.

Your data
Using the DeLaval edge server your data is sent to DeepBlue so that it can be analyzed.

DeLaval Plus
Your data is returned to you in the form of actionable intelligence to help you make better, faster, more accurate decisions.

We live milk

DeLaval