DeLaval Plus

BEHAVIOR ANALYSIS

▼ REPRODUCTION COSTS

+ FIND SICK COWS

📍 COWS' LOCALISATION

▲ 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 in activity, rumination, and eating time can aid in identifying sick cows earlier. This new ear tag is designed to accomplish just that, but its functionality extends far beyond. Thanks to seamless integration with other DeLaval sensors from your milking system, DeLaval Plus Behavior analysis offers a powerful system that simplifies the process of identifying sick cows. Reducing the time checking cows optimises labour – early treatment means early recovery, more productive days, reduced culling and treatment costs, improved animal welfare and overall herd health, among other benefits.
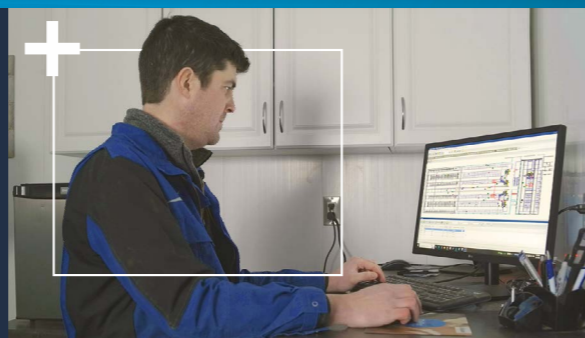
Find cows in heat

The DeLaval Behavior Analysis ear tag, powered by artificial intelligence, measures the activity and behaviour of cows, with the data analysed to calculate heat probability. DeLaval Plus will provide an easy-to-use list of cows to inseminate and indicate the best timing for insemination. This will greatly help you improve the reproductive performance of your herd, leading to improved breeding efficiency, optimised labour, better lactations, reduced reproduction costs, increased productivity, refined semen selection strategies, and more.

Cows' localisation

Know the whereabouts of every cow in your shed, accessible on your PC screen or phone*. Quickly locate cows, saving time, money, and minimising disrupting cows. Analyse individual cow behaviour and time budgets, understanding how much time they spend in each area daily: feeding areas, cubicles, walking areas, milking areas, etc.

*localization function is only available for the BA300 configuration.

Helps you to improve:

- Labour efficiency
- Reproduction outcomes
- Animal welfare and health
- Animal productivity

- Optimise use of resources (semen, feed, drugs, etc.)
- Overall work experience of the farm's team
- Enhancing the potential of more DeLaval Plus services you may incorporate for your farm in the future

Every cow located and analysed.

Switch + Compute Node

Edge server

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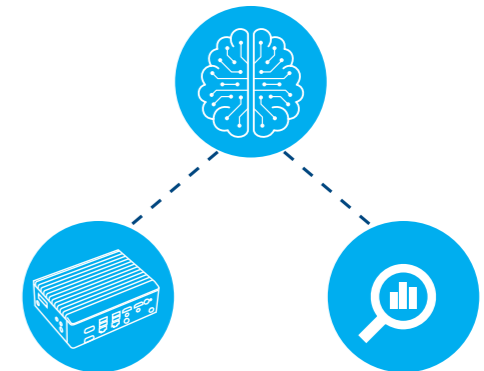### What is DeLaval DeepBlue?

DeepBlue is our most sophisticated cow behaviour modelling, driven by artificial intelligence, enabling it to find patterns that were previously unknown. DeepBlue searches for trends and patterns, which we then validate and transform into valuable insights for you.

Thanks to DeepBlue, the system provides state-of-the-art heat detection, rumination, and eating behaviour calculations, all powered by AI. These capabilities can improve over time as AI models continue learning.

This process is continuous, with new applications released as they are discovered to provide value. The system will continue to enhance, leading to continuous improvement in your performance capabilities.

DeLaval DeepBlue
Your data is transmitted to DeepBlue for analysis using the DeLaval edge server.

Your data
Your data is transmitted to DeepBlue for analysis using the DeLaval edge server.

DeLaval Plus
The data is then returned to you in the form of actionable intelligence, helping you to make better, faster, and more accurate decisions.

We live milk

DeLaval