



Livestock Intelligence



Allflex Livestock Intelligence

## **DATAFLOW™ II SYSTEM**

Complete, integrated, real-time milking  
management and cow monitoring solution

The Allflex DataFlow™ II System is a real-time herd management solution. It provides the herd manager as well as the milking pit operator with a set of tools designed to help with daily tasks and work in a more efficient and productive way.

The system provides powerful management tools, including reports, graphs, analytics, task lists, and lifetime cow card history. The system also enables control and support of other components, such as sorting gates, individual feeding, in-parlor messaging board, and others.

### Advanced Herd Management Solution

Comprising hardware and software, the DataFlow II System controls the whole milking process and automatically collects and analyzes data from the monitoring tags.

- Online milking, monitoring, and milk production using Allflex FreeFlow™
- Accurate heat detection and advanced health monitoring
- Graphs, reports and analysis - the exact information you need when you need it!
- Daily task lists and actionable information
- Real-time notifications including labor-related alerts
- Synchronization and connectivity with third-party solutions

### Easy to use and flexible solution

Allflex's philosophy is to keep the user interface as simple as possible, avoiding complicated panels while delivering the right information at the right time.

#### Milking operator:

- The system presents only the exact information required for milking pit operation, at the individual Allflex MC200 milking points and on a central LCD screen
- Relevant information such as sick cows, dangerous cows, or cows that are under-producing, is visible at a glance from the milking point
- The operator is able to enter information directly from the pit

#### Herd Manager:

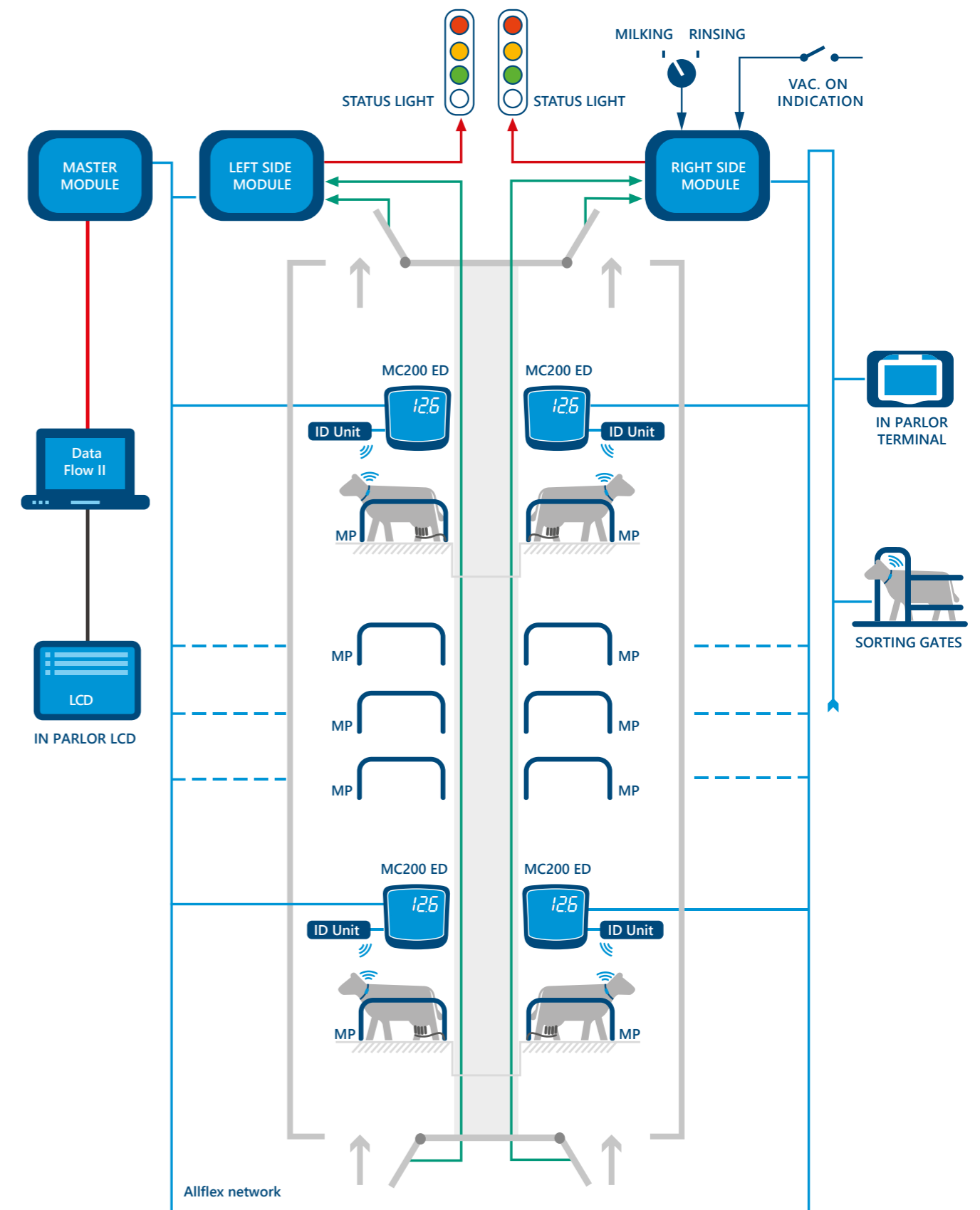
- Customizable interface, reports and graphs
- Full support for multiple users (such as herd manager, veterinarian or nutritionist), multiple herds, and different milking parlors
- All data can be accessed from distant locations, including home and mobile phone

### Investment protection

The DataFlow II System works with Allflex tags and Allflex milking control systems, including the FreeFlow™ milk sensor and Allflex pulsators. The system is designed for scalability so the farmer can easily expand his equipment according to the farm's needs and growth.

- Highly durable, with virtually no maintenance required
- Simple to install
- Can be easily added to any existing parlor to protect previous investments
- Upgradable – can grow with the herd and needs

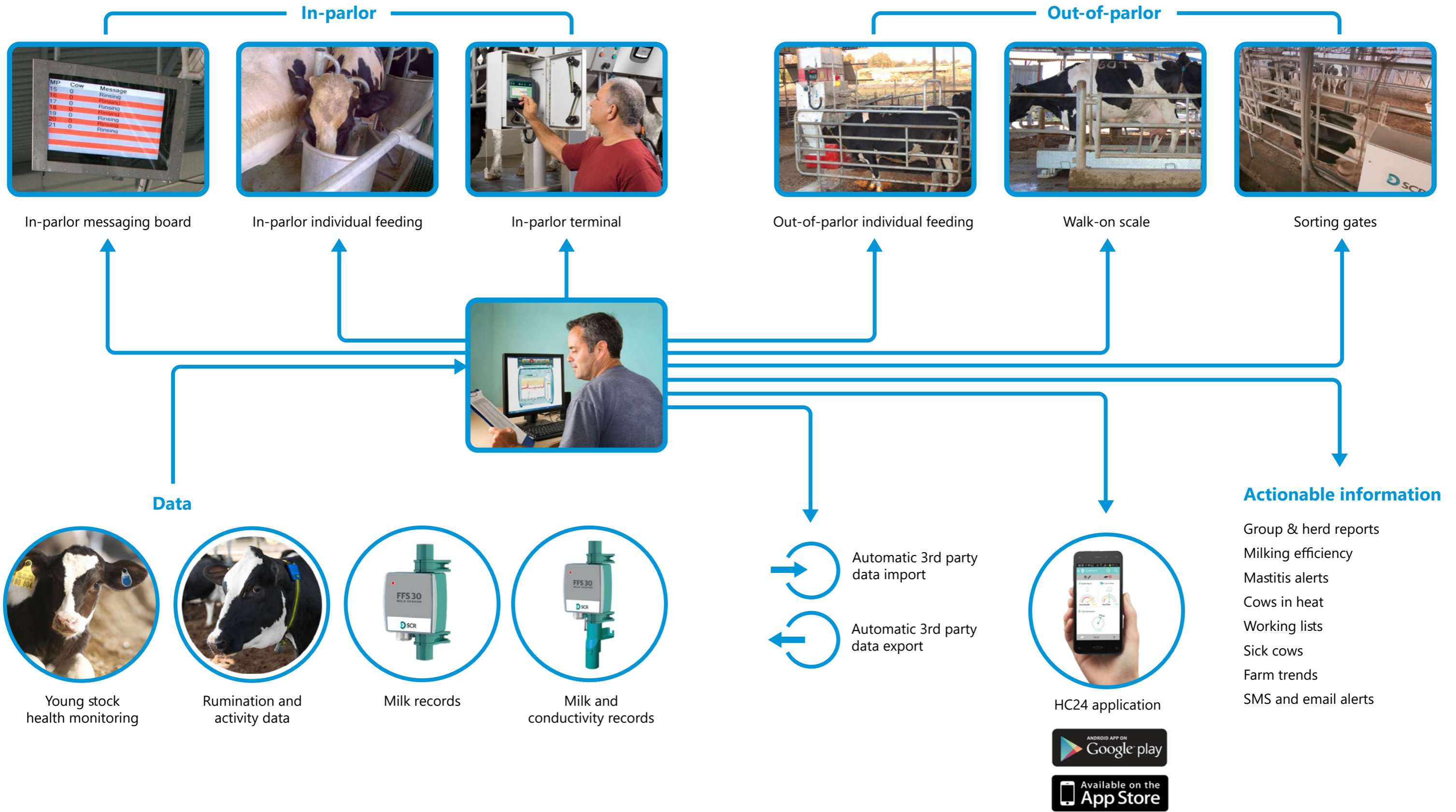
### Example of system layout - side by side parlor



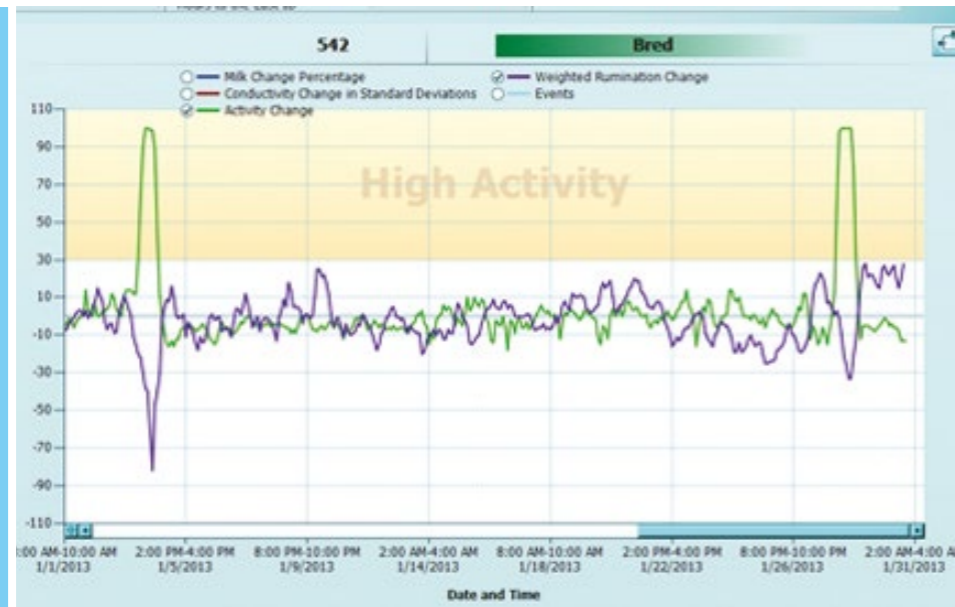
\* The above layout is for illustration purposes only. Solutions available for other parlor configurations as well (rotary, midi-line, herring bone and more)



# Auxilliary systems

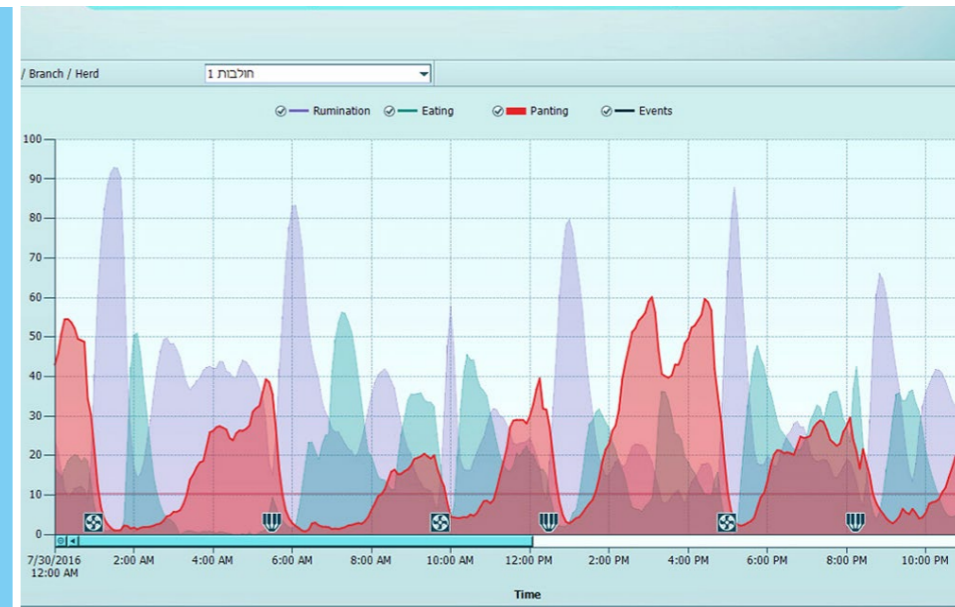


# Simple and intuitive user interface and reports



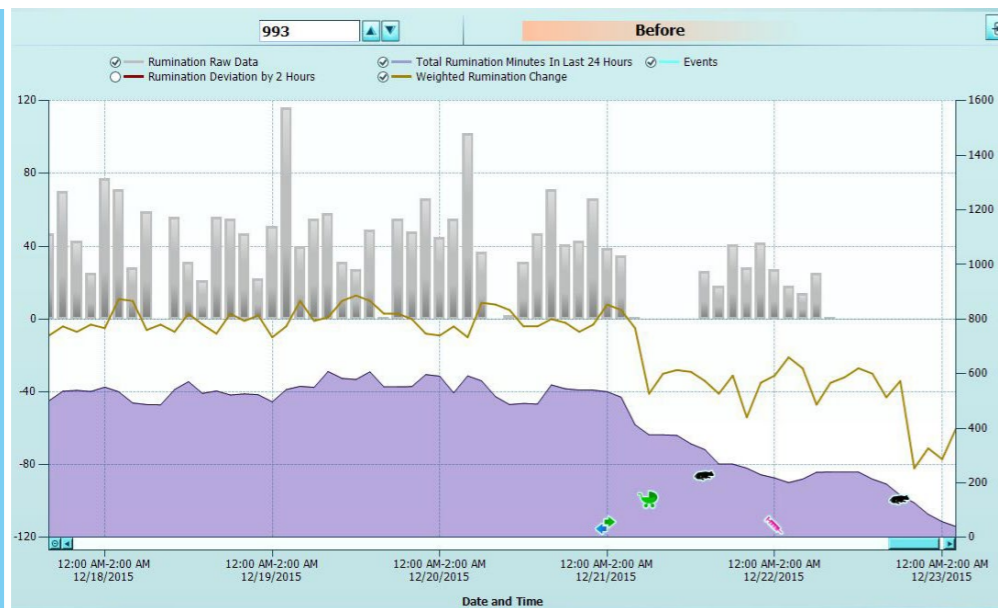
## Heat detection:

The system recognizes irregular activity and rumination caused by non heat-related external events and isolates the data from the heat detection. You can confidently handle all heat detection using this system alone, without visual observation and with full peace of mind that heats are being detected.



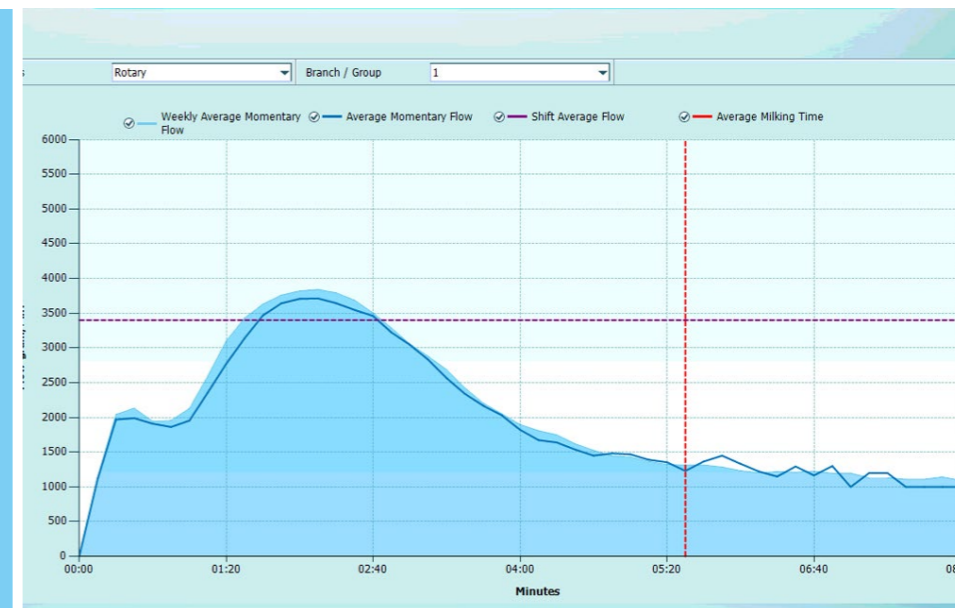
## Group monitoring:

Specific groups react to ration formulation changes or changes in the mixing or feeding protocol. Rumination monitoring, with customizable analysis and reports, provides timely and accurate insight into the effectiveness of ration or feeding changes.



## Health monitoring:

The system uniquely combines rumination, movement, and movement intensity measurement, recognizing behavior patterns. Individually benchmarked rumination measurements are combined with the activity information, delivering exceptional heat detection accuracy by creating the classic "diamond" shape, making heats even more obvious.



## Milking control:

Real-time milking parlor management - monitoring the milking parlor enables you to follow every cow in the milking pit in real time. Comprehensive information is displayed in easy-to-read reports and graphs.





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#### About Allflex Livestock Intelligence

Allflex Livestock Intelligence, part of MSD Animal Health, is the world leader in the design, development, manufacturing and delivery of solutions for animal identification, monitoring and traceability. Our solutions empower farmers to act in a timely manner, to safeguard their animals' health, while achieving optimal production outcomes for a healthy food supply.

Through its commitment to the Science of Healthier Animals®, MSD Animal Health offers veterinarians, farmers, pet owners and governments one of the widest ranges of veterinary pharmaceuticals, vaccines and health management solutions and services. MSD Animal Health is dedicated to preserving and improving the health, well-being and performance of animals and the people who care for them.

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