



SenseHub[®]
DAIRY



Cow Monitoring &
Milking Automation
that just makes sense



SenseHub® Dairy brings together trusted monitoring and automation solutions, giving you confidence of always knowing how your girls are going, and enjoying time off-farm.



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About Us

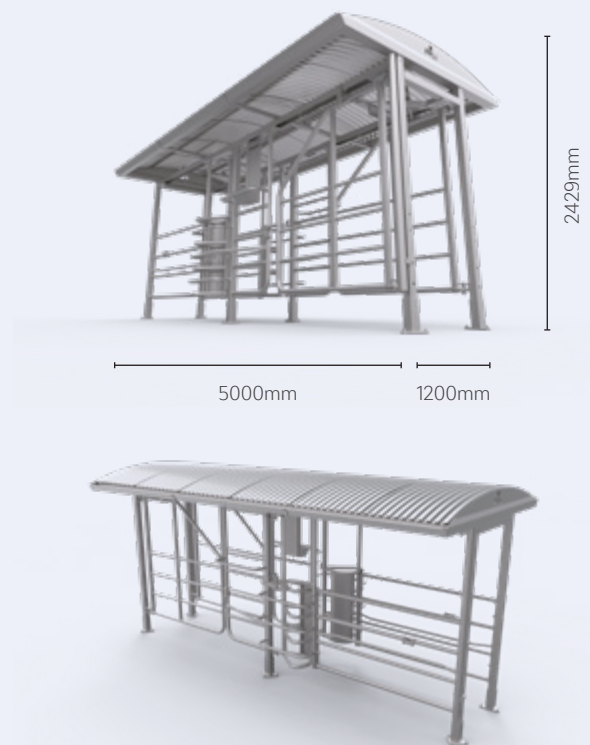
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INTELLIGATE® Draft Gate

Take the hassle out of your sorting process with an accurate and reliable system designed and built especially for New Zealand farmers. Intelligate Drafting works alongside our cutting-edge monitoring technology.

Direct cow traffic left or right according to your requirements. Allflex Collars communicate with the Intelligate to identify and draft cows on heat or those in need of attention, eliminating human error. Walk Over Scales can also be added as an option within the Intelligate platform.

Intelligate is designed and built specifically for local farmers based on New Zealand farming practices and our weather conditions. Drafting from the Allflex Collars and Infrared (IR) technology vastly reduces the interference of outside noise and therefore increases drafting accuracy.



*Walk over weigh scale add on

Choose Intelligate Draft Gate if:

- You are currently using, or planning to use, SenseHub Monitoring with Allflex Collars.
- You have enough space to fit it to your existing shed or are in the process of upgrading your shed.
- You would like to include a walk over weigh scale.
- You want to add Allflex automation solutions like SCC, Cup Removers, Milk Sensors or Feed in future.



Retro fit



Weigh Scale



Low Maintenance



Seamless Integration



Key Features

- Accurate sorting system
- Left and right AM/PM sorting
- Reduces labour
- Automatically drafts cows on heat
- Sturdy cow-friendly design for optimal flow
- Seamless integration with Allflex Cow Collars

Specifications

- Once assembled the Intelligate is 5000mm long, 1200mm wide (including switchboard) and 2429mm high (including roof).
- The following are required within 1-2m of the Intelligate® site:
 - Pneumatic supply (100 PSI)
 - Electricity supply (240VAC)

Protrack® Draft Gate

The tried and tested Protrack Draft Gate offers not only entry-level drafting but a powerful automation system to help you farm with added precision. A robust option perfect for those with tighter shed space.



Protrack Draft has a smaller footprint than Intelligate® but offers equally powerful automation.

Farm with precision using the Protrack Draft app on your smart phone or tablet. The intuitive easy-to-use software gives you flexibility to schedule drafts whether in the pit, yard or further afield, and provides an automated drafting solution suitable for all milking systems.

Choose Protrack Draft Gate if:

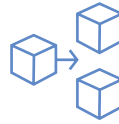
- Your Herd Management System is MINDA® LIVE, and is accurate and up-to-date.
- HDX EIDs are used on all your stock (EID Tag with black centre).
- You have a smaller shed space.



RFID Draft - EID tag



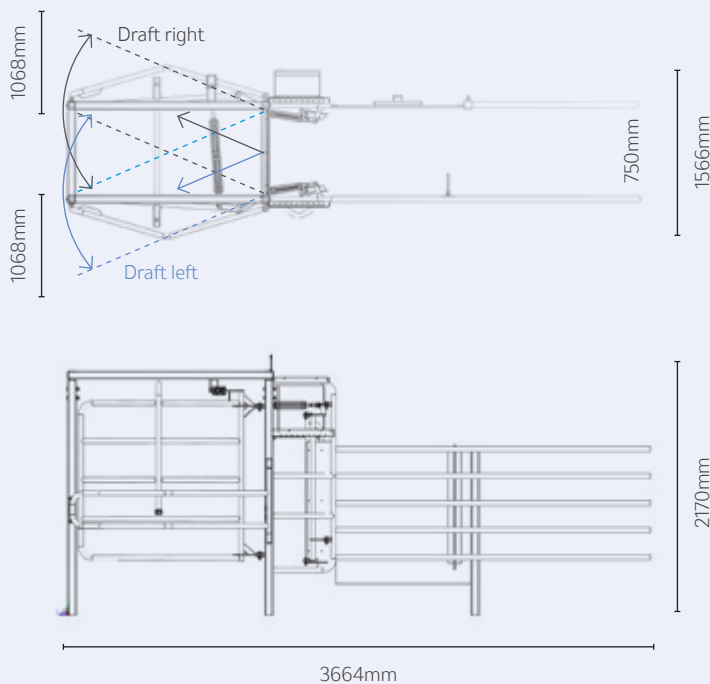
Collar Integration



Retro fit



Low maintenance



How it works

1. An electronic reader and antenna identifies each animal as they walk into the draft gate. The system checks to see if they are to be drafted.
2. The gate will guide each cow in the desired direction before returning to its normal position, ready for the next animal.

*A two metre distance is required prior to entry to gate, to ensure good cow flow.

Key Features

- Automated three-way drafting gate that makes drafting easy.
- Intuitive software designed for your smart device.
- Flexibility on when and where you schedule drafts.
- List of animals is automatically synced with MINDA® LIVE.
- Generates simple reports (e.g. live drafting, missing animals, drafted animals).
- Easy to learn and set up on your farm.
- Remote control for instant drafting.

SenseHub® with Allflex® Collars

Allflex Collars collect and analyse critical data for each individual cow's reproduction cycle, rumination patterns and health status. Understanding your herd in this way, and proactively looking after animal welfare, is the most positive and efficient way to farm in the modern world.

SenseHub Dairy monitoring solutions are scalable to any operation. Receiving timely reproduction, health and rumination data will ultimately increase prosperity for your farm and family.



Cow health

Detect illness early to improve cow recovery and performance. Receive distress alerts for problems such as ketosis, acidosis and theileria.



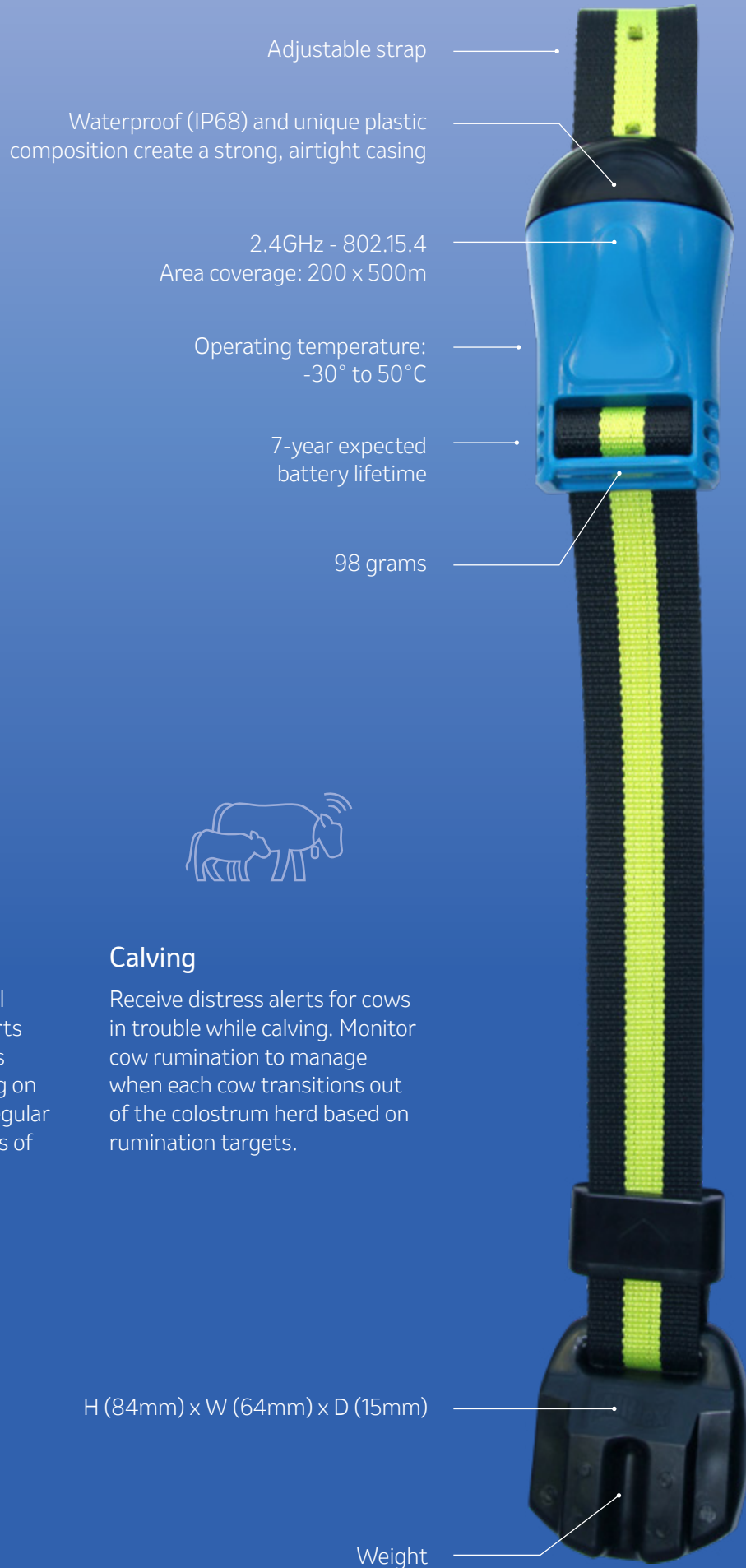
Reproduction

Eliminate guesswork and inconsistency during the labour-intensive mating season. Evaluate the reproductive status of your heifers and cows to improve insemination accuracy and save costs.



Nutrition

Understand how your cows react to feed changes. Early warning and intervention helps avoid long-term damage and supports peak performance.



Peace of Mind

Improve the wellbeing of all team members. Phone alerts help staff identify problems early and intervene. Relying on data ensures all staff get regular breaks during crucial events of the season.



Calving

Receive distress alerts for cows in trouble while calving. Monitor cow rumination to manage when each cow transitions out of the colostrum herd based on rumination targets.

Benefits of Monitoring

Key life-cycle events during a dairy season

Calving

Mating

Animal Health



Identify sick cows
eg. ketosis, metritis
Find cows in metabolic distress

Reproduction



Accurately identify cows on heat
Refine allocation of premium
semen/straws
Monitor pre-mating cycling rates
Find and intervene with non-cyclers

Herd Management



Pinpoint cows in distress with
difficult calvings
Trouble shoot transition
management



Estimate conception rates
Predict pregnancy rates

Late Lactation

Dry Period



Identify cows to recheck
for scanning

Help with retrospective
repro analysis



Help with decision making for
carry overs

Help manage transition onto
crop feeding



Find cows in distress eg. acidosis
Monitoring cows pre-calving



Find slips



Help with feed management

Monitoring Solutions



Gain certainty and efficiency in your farming operation.



SenseHub®

SenseHub provides a single, accessible source of unparalleled insight into your animals. Featuring unmatched heat detection accuracy and real-time reproduction, health and group monitoring. Farm with more freedom with SenseHub.

- Suitable for farmers wanting remote access via mobile app.
- Cloud-based system.
- Simple to install, use and maintain.
- Easily upgradeable.
- User-friendly interface.



App available

DataFlow™ II (Previously Heatime Pro+)

DataFlow is a powerful yet easy-to-use system designed for large herd operations and those needing seamless integration with milking automation systems. Providing real-time, accurate insights into reproductive status, health and nutrition, DataFlow II helps eliminate the guesswork, so you can keep the milk flowing on farm.

- PC-based system for the farm office, with app also available.
- Simple to install, use and maintain.
- Easily upgradeable.
- User-friendly interface.
- Pre-selected sets of reports, or customisable for tailored reporting.



PC-based

Monitoring Plans

Both monitoring solutions offer a tiered application plan to suit your needs:

Flexible application plan levels	Advanced	Premium
Heat Report	✓	✓
Anestrous Cows Report	✓	✓
Irregular Heat Report	✓	✓
Probability Report	✓	✓
Health Report	✓	✓
Distress Report	✓	✓
Distress Alerts	✓	✓
Fresh and Pre-Fresh Cow Report	✓	✓
Report Generator	✓ (DataFlow II)	✓
Heat Stress Graph		✓
Daily Group Consistency Graph		✓
Group Routine Graph		✓

Finance Available

Our team knows what it is like to run a farm business, and all the costs and cashflow challenges that go with it. So, we've developed a simple and affordable way for you to access our monitoring and automation solutions, designed specifically for you, the New Zealand Dairy farmer.

Monitoring Solutions



Full Collar Subscription

- Continuous warranty & software upgrades on collars & application plans including free replacement and uninterrupted renewal of collars when needed.
- Affordable small monthly payments, which helps with your budget and farm cash flow.
- Simple and easy to understand billing statement.
- Unlimited access to NZ based training service and support team.
- Access to knowledge base and digital resources.



24 Months Interest Free

- Full warranty for the first 5 years.
- Access to NZ based training service and support team.
- Access to a knowledge base and digital resources.
- Automatic software upgrades and backups for the warranty period.

Automation Solutions



24 Months Interest Free Payment Plan

Automation solutions can either be paid for upfront, or to spread the cost of your automation investment you can select our 24 month payment plan.

- Interest free
- 24 equal monthly payments
- No penalty for early payment
- Access to all service and support from date of installation



You don't just buy a system,
you buy the support you need.

Time Saving Solutions

Improve your milking efficiency and productivity with our intelligent milking automation solutions. We have worked alongside dairy farmers for 40 years to develop these tools with farm efficiency, cow comfort and health in mind. They fully address farmers' needs for an efficient and productive milking process and require no specialist skills to use.



You deserve more time off-farm, to have a break, relax with family and friends or to catch up on sleep. Our automation solutions help you do just that.

Milking Automation Products

Our automation product suite includes pulsators and automatic cup removers, as well as:



Allflex[®] Milk

Provides live milk results from each individual cow



SenseHub[®] SCC

For real time indication of somatic cell count



Allflex[®] ID

ID system for your whole herd



Allflex[®] Feed

Control over the amount of feed each animal is given

Our intelligent milking automation solutions are available as standalone products and can be integrated into the milking systems of several other companies. Our solutions control the entire milking process, measuring the yield and providing a full solution for pulsation, automatic cup removers, display, and alerts.

Our systems set a new industry standard and are highly reliable, accurate and low-maintenance. They can easily be configured to suit any farm size and milking shed setup. Their module and scalable nature allows you to start small and upgrade later as your farm needs change.

Allflex® Milk

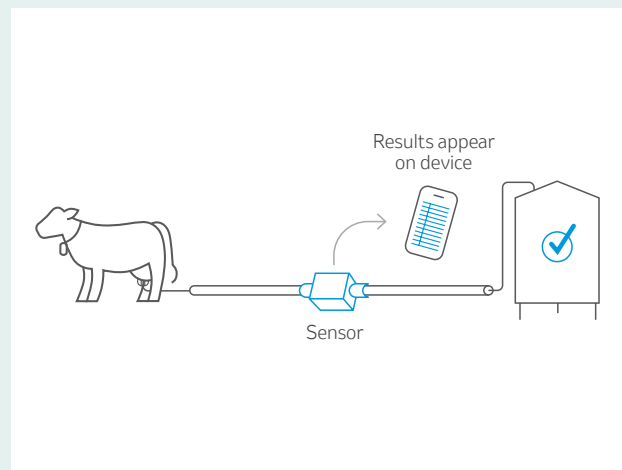
(Previously Protrack® Milk)

Allflex Milk sensors provide live results for milk yield, solids (fat, protein), blood detection, conductivity and lactose for each individual cow. Results and alerts can be viewed on your smart device (or optional touch screen). When combined with Allflex® ID, milk results are automatically matched to each animal. Or you can manually assign them using your smart device. Identify any animal or piece of equipment with a problem (including dirty cups, split liners, blocked jettors and air admission holes).



Benefits

- Accurate, real-time production information.
- Identify your best and worst producers.
- Optimise feed efficiency based on milk results.
- Increase production and profitability.
- Monitor plant and wash performance.
- Review cow/herd history to make real-time decisions.



SenseHub[®] SCC

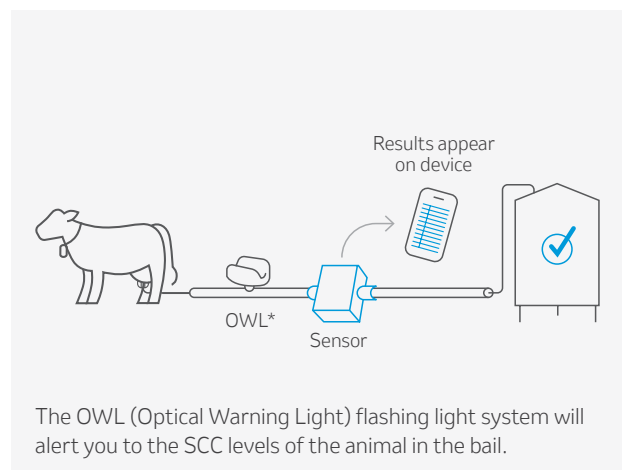
(Connected or Standalone available)

Get Somatic Cell Count (SCC) results within two minutes of cupping. SenseHub SCC automatically tests 1ml of milk at bail. The result is displayed with LED indicators before the cow leaves the bail, allowing for early identification of high SCC.



Benefits

- Detect high SCC earlier without having to strip the entire herd.
- Reduce overall SCC levels.
- Improve bulk SCC management.
- Extend milking season due to improved dry off selection.
- Increase profitability.



Allflex® ID

(Previously Protrack® ID)

Allflex ID is an accurate and cost-effective rotary milking shed ID system. Cows are identified via HDX ear tags once they are in the bail for milking. Information on their position is sent to your smart device or touch screen. Audible and/or visual alerts can then be generated manually or using other Allflex modules if problems are detected with that cow.



Benefits

- Audible and visual alert options.
- Free-flow system – doesn't hinder milking time.
- Automatically and accurately records SenseHub® SCC and Allflex® Milk results for each cow.
- Full MINDA® integration including dynamic groups in the shed.
- Draft an animal from the milking screen.
- Real-time alerts for anomalies (e.g. high cell count, blood in milk) including animals under treatment.



Rotary only

Allflex[®] Feed

(Previously Protrack[®] Feed)

Allflex Feed gives you control over the feed recipe and portion each animal receives by feeding cows on an individual basis. Allflex[®] ID identifies the animal once they are in the bail for milking. Allflex Feed then checks the recipe for each animal and sends a message to the feed head to regulate the amount as required.



Benefits

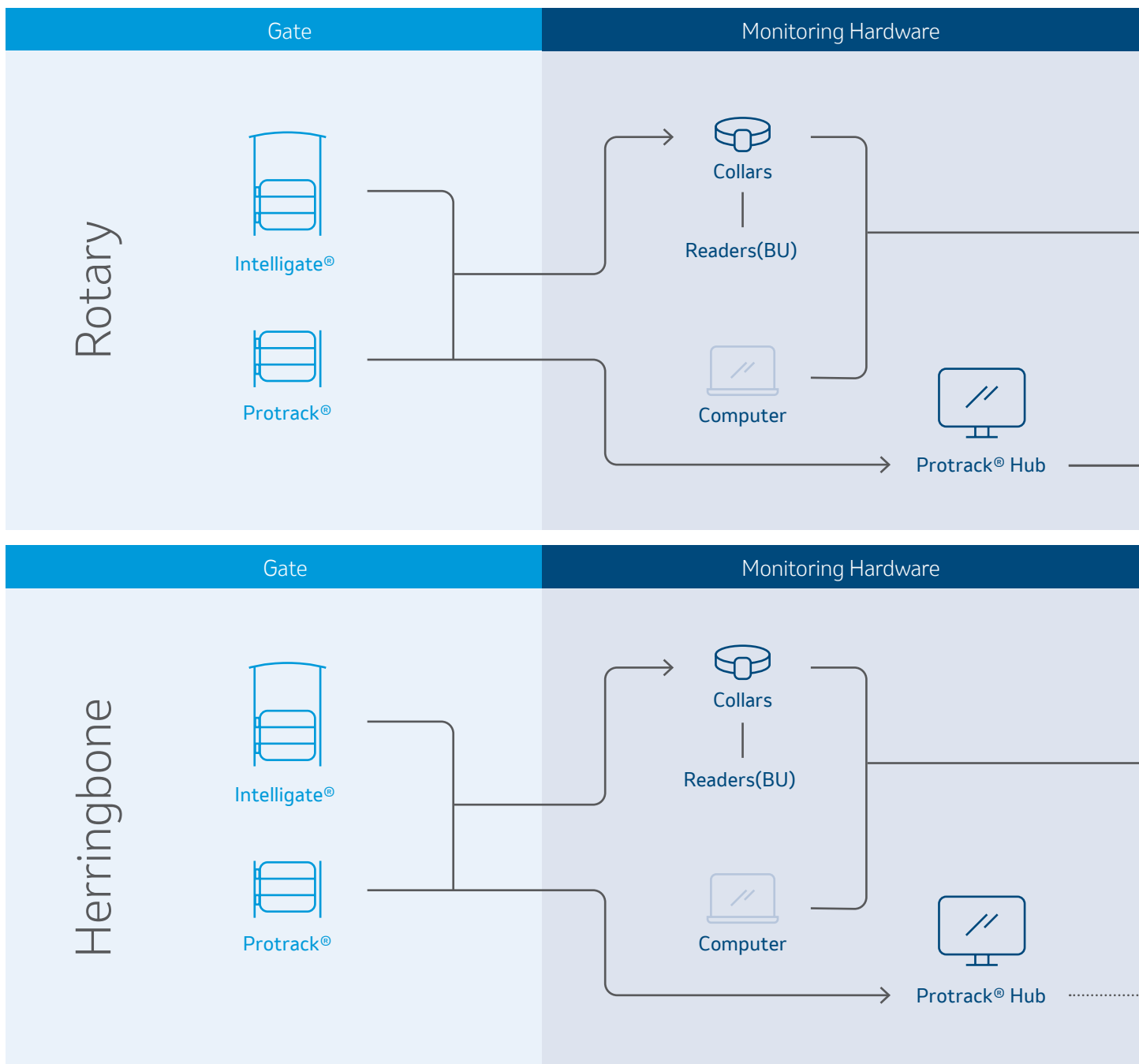
- Maximise production potential and achieve targets more easily.
- Minimise feed wastage.
- Improve herd health.
- Reduce environmental impact.
- Add Allflex[®] Milk to optimise efficiency by feeding top producers more.
- Can be retro-fitted into any current automatic feed system.



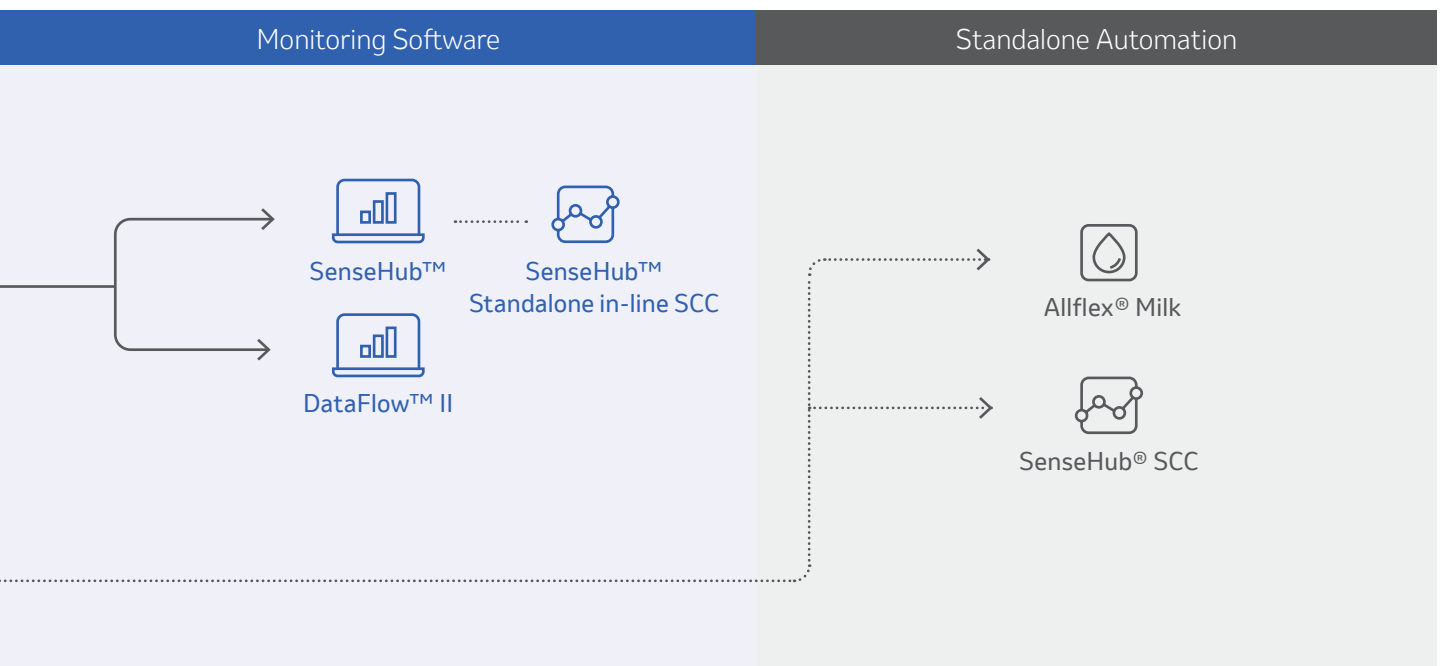
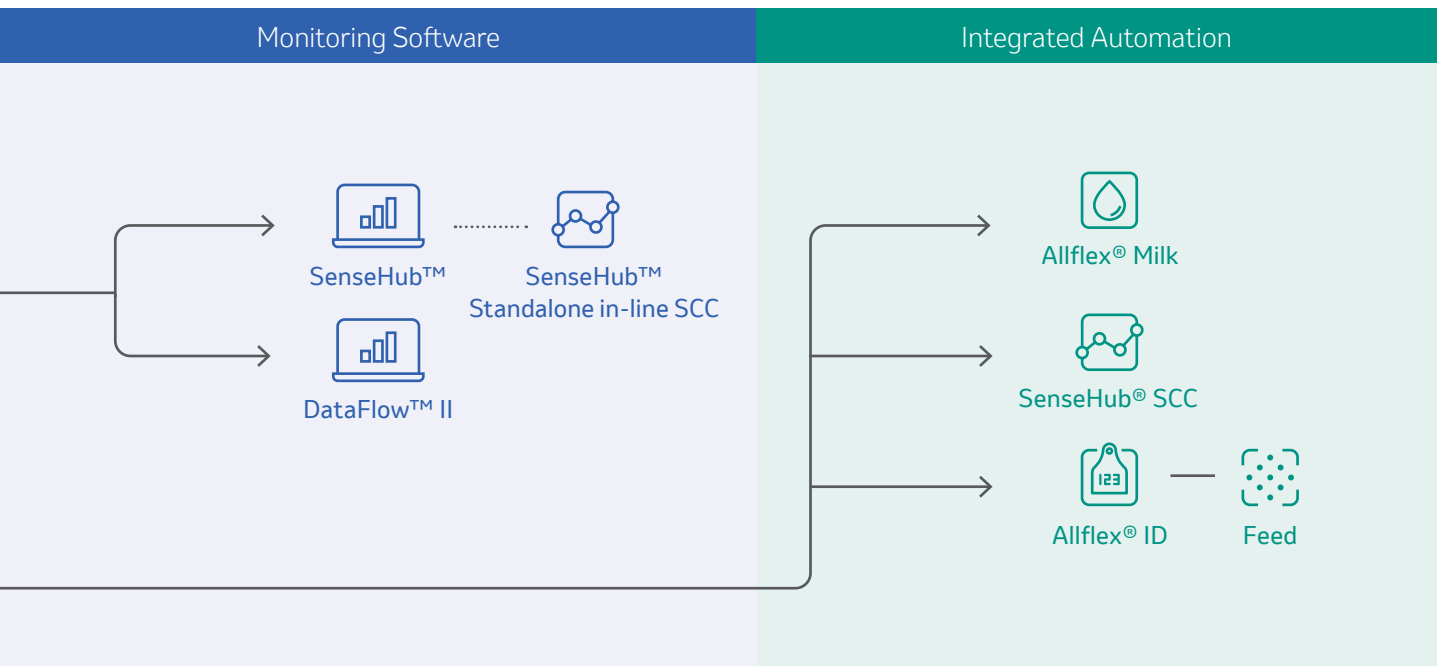
Rotary only.
Requires Allflex ID

Monitoring and Automation Solutions

Talk to your local Allflex / MSD Animal Health sales specialist about which combination is right for your farm and shed configuration.



This is designed as a guide to understand integrations on offer, and does not represent every available configuration.



Meet the team

After Sales Support

With a dedicated team of training and technical support specialists located across New Zealand, you are not just buying a system when you choose our monitoring and automation solutions:



- Extensive training provided face-to-face, online and user friendly printed resources available.
- Training manuals written specifically for NZ pastoral farming.
- Dedicated service desk support available from 4am - 7pm nationwide
- Customised reports for comprehensive and retrospective analysis.
- Training videos, digital manuals, instruction guides, courses and quizzes available to keep you and your team upskilled.
- Invitations to annual 2-day monitoring summit.
- Exclusive access to pre-calving and pre-mating discussion groups.

For over 50 years, Allflex has led the livestock industry globally in both animal identification and monitoring. The Allflex business has undergone a significant transformation during that time - we have evolved with technology-led, insights-driven solutions to improve on-farm efficiency. Now backed by MSD Animal Health and supported by MSD's Global Research and Development Department, we are committed to continually delivering our 'farmer-centric' solutions and after sales that Allflex is known for.

Your Local Sales Specialist

So, if you'd like more information on SenseHub® Dairy monitoring or automation solutions, give your local specialist a call.

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Customer Service

Our friendly team are here to help,
so call **0800 255 353 (0800 ALLFLEX)**
Monitoring & Automation Sales Option 4

For more information visit
www.allflex.co.nz







About Allflex and MSD Animal Health

Allflex Livestock Intelligence is the world leader in the design, development, manufacturing and delivery of solutions for animal identification, monitoring and traceability. Our data-driven solutions are used by farmers, companies and countries to manage hundreds of millions of animals worldwide. By putting intelligent, actionable management information into farmers' hands, our solutions empower them to act in a timely manner to safeguard their animals' health and wellbeing, while achieving optimal production outcomes for a healthy food supply. Allflex Livestock Intelligence is a livestock portfolio of digital products within MSD Animal Health.

Our milking automation technologies drive advanced milking solutions that are highly reliable, accurate and require little maintenance. They improve milking, save time, increase accuracy and improve coe and worker wellbeing. Based on unique development started over 40 years ago and continually improved over the years, our milking automation technologies have become the leading standard in the market.

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 as well as an extensive suite of digitally connected identification, traceability and monitoring products. MSD Animal Health is dedicated to preserving and improving the health, wellbeing and performance of animals and the people who care for them.

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