InTouch

Measure. Monitor. Manage.





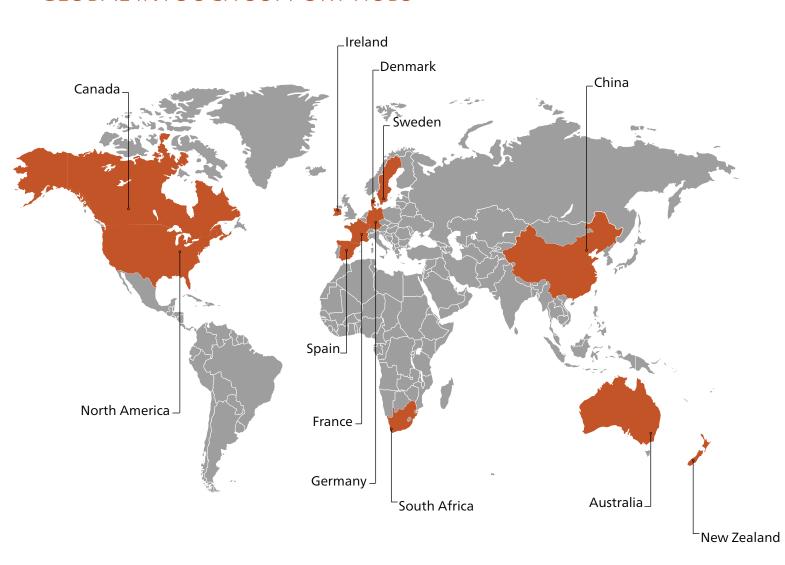
WHAT IS INTOUCH?

With feed accounting for up to 70% of a farm's input costs, it's essential to minimize ingredient waste and ensure your animals are receiving the optimum diet each day. First launched in 2013, InTouch is designed to allow you take full control of feeding, ensuring from start to finish that you can measure, monitor and manage every area of feed management and herd nutrition on-farm.

Combining the latest in feed management software, mixer wagon controller technology and skilled feeding specialists who work proactively with many types of farm enterprises, InTouch ensures the best in feeding accuracy and animal performance. Each day, InTouch manages the feeding of over 300,000 animals on 2,000 farms across the globe, representing one of the world's largest feed efficiency databases.

Headquartered at Alltech's European Bioscience Centre in Dunboyne, Co. Meath, Ireland, and with several local support hubs spread across the globe, you can be sure that you will always have the required support and peace of mind to know your herd is in good hands.

GLOBAL INTOUCH SUPPORT HUBS





HOW DOES INTOUCH WORK ON FARM?

Empowered with insights from award-winning feed management technology, InTouch feeding specialists work with farmers to optimize feeding accuracy, production consistency and overall profitability on farm.



Feed Management – Rations are managed by the InTouch feed management software and are wirelessly transfered to our controller for instant feeding. The controller guides the operator on what ingredients to load, how much and for how long.



Ration Consistency – The InTouch technology ensures consistency in loading, mixing & delivering of feed to all animals. All information is automatically recorded and stored on the InTouch dashboard.



Animal Production – Combing feeding and production data provides key insights into on farm performance. InTouch has many collaborations across the agricultural industry in automating the collecting of on-farm production data.



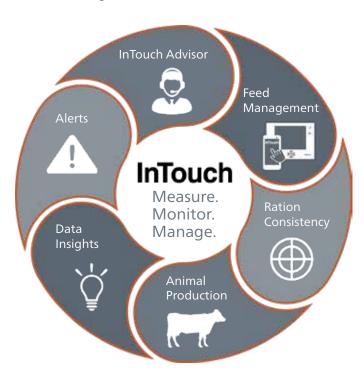
Data Insights – The InTouch dashboard provides real-time data insights into your feeding management, feed costs, production and performance indicators for your farm.



Alerts – The InTouch algorithms identifies anomalies in the data and flags these alerts in the dashboard where action is needed.



Advisor – Our technology allows your advisor to monitor alerts and manage what actions need to happen. If there is a drop in production the advisor can reformulate the ration and resend it to the controller for instant feeding.



Specifically developed for InTouch, our feed management software provides users with the most up-to-date technology to manage all aspects of feeding on-farm, from creating animal diets to reporting tools and herd-production tracking.

MANAGEMENT OF ANIMAL DIETS

- Create and easily edit animal diets, dry matter and different pens.
- Select ingredients from the InTouch feed library with pre-set chemical parameters.
- Auto-optimize your ration based on the recommended loading order.
- Accurately control feed costs, dry matter intake and refusal management.

REPORTING AND INVENTORY MANAGEMENT

- Detailed graphs and reports on ingredients used, feed costs, herd productivity and feeding accuracy.
- Accurate management of animal feed inventory on-farm.
- Benchmarking against comparable farms.

AUTOMATED DATA SHARING

- Easy and quick wireless transfer of animal diets from our feed management software to the controller.
- Simplifies communication between farmer, employees and trusted nutrition advisors.
- Reduces time delays and labor required and provides a more proactive approach to implementing diet changes.
- Alerts automatically raised when KPIs fall outside of set tolerances.

TAILOR TO YOUR FARM

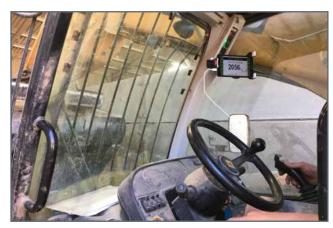
- Customizable menus: Ability to only select the menus that you require to run your farm.
- Program multiple controllers under one customer account and customize the loads.
- Access for third-party nutritionists where necessary.
- Link to other herd-management programs to directly import milk production and pen numbers.





Many new features combine to make the KEENAN controller one of the most advanced, intuitive and easy-to-use feed management controllers in the marketplace. Fitted to the mixer wagon, the 8 – inch color screen is designed to allow for the clearest display, no matter what the weather. Equipped with up to 4G capability, data can transfer rapidly to and from the controller, anywhere in the world. Up to 199 individual diets and pens can be stored on the controller, facilitating effective management of large groups of different animals.





REMOTE CONTROL APP

By using the Wi-Fi function on the controller, operators can duplicate the controller screen on their smartphone or tablet, enabling easy adjustments and the most accurate loading when in the cab of the loading tractor.

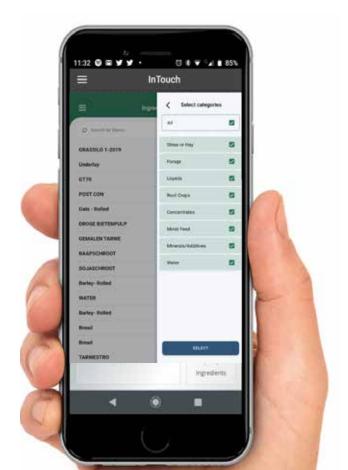


INTOUCH INFORMATION PORTAL

With the new InTouch Dashboard, it's now even easier to view all your key farm information in one place. Available on desktop and tablet, the dashboard displays all the farm's major KPI's, including milk yield, feed efficiency, cost per litre and dry matter intake, as well as information on loading accuracy, feed ingredient usage and feed costs per pen. Whether you are a farmer, advisor or industry partner the InTouch dashboard will provide you with valuable insights that can be utilised to help improve

production and environmental performance on farm. The dashboard will allow you to benchmark your farms performance against regional, national & global data. All historical farm information is contained within the dashboard so you can easily identify trends and correlations within the data. Ease of us is a central feature: KPI's across different calendar periods are easily selected, while reports such as feed ingredient usage can either be saved or quickly printed.





INTOUCH FEED MANAGEMENT APP

The KEENAN feed management app allows you to manage feeding from the palm of your hand, and includes many of the features contained within InTouch feed management software. Users can quickly change pen numbers, edit animal diets, dry matter of individual ingredients and update and monitor herd performance data. Available on both Apple and Android devices, the connection to the latest KEENAN controller allows for easy transfer of diets and pen updates on the go.



Kenneth and Bert Speers Co. Donegal, Ireland

Seasonal calving Holstein herd

"We have far less issues at calving. Buffer feeding has helped maintain cows and milk production. The InTouch system keeps things consistent and makes it easy for other staff who are feeding."

Key Improvements:

- Improved feed conversion efficiency (FCE) by 10%.
- Increased milk production by 1 liter per cow per day.
- Milk protein increase from 3.2–3.3%.
- Less than 5% metabolic issues at calving.



TW Atkinson North Yorkshire, England

All year-round calving.

"Overall, the cows are more content. I like the InTouch system, it is easy to use, and we can tell the cows are getting a more consistent ration. We are now also utilizing our grass much better by taking on advice from InTouch nutrition."

Key Improvements:

- Production increase of 3 liters per cow per day.
- Increased feed conversion efficiency by 19%.
- Margin increase of £0.81 per cow per day.



Steve Palmer Manawatu, New Zealand

Spring calving, grazing and buffer feeding.

"With InTouch, I know my cows are getting the exact same feed each day. There has been fuel savings and less wear and tear on my mixer wagon."

Key Improvements:

- Production increase of 13,000kgms across the herd
- Significant increase in feed utilisation, waste decreased by 10%
- Saved a minimum of 5% of forage
- Extra output with reduced inputs
- Worth an extra \$78,000 per year



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