

## Discover our solutions for Animal Nutrition

Our software was specifically made for the following industries:



Feed



Petfood



Aquafeed



Premix



Trading



# CHALLENGES

## GO FOR SUSTAINABLE ANIMAL NUTRITION

Global population growth, pressure on resources and climate dynamics force us to improve precision and sustainability of food production. Combine nutritional requirements and environmental metrics to achieve a best-feed formula in terms of costs and ecological footprint.

A strategic product design and manufacturing process play an important role in accomplishing the sustainability goal. Based on consumer demands rather than nutritional requirements, many petfood diets are formulated to provide nutrients in excess of current minimum recommendations. These ingredients compete directly with the human food system, or are overconsumed, resulting in food waste and obesity.

A coordinated effort across the animal feed industry, including ingredient buyers, formulators, and nutritionists, will result in a more sustainable system.

## SOURCE EFFICIENTLY

Efficient ingredient sourcing remains a major concern for the animal nutrition industry. Given the extremely volatile quality and price of raw materials, it becomes a real challenge for companies to remain competitive and assure sustainable margins. A finished product is not set in stone.

To gain market share or remain competitive, companies should adapt to the changing commodity prices. Reacting fast and effectively to changes in raw material resources will contribute to a balanced and strategic procurement strategy. Analysing when to buy, at which price and where to use the materials guarantees efficient sourcing.

## ACHIEVE REGULATORY COMPLIANCE

Producing, processing and distributing feed, petfood and premixes is highly regulated to guarantee the highest standards of safety and quality. Legislation is under regular review to adapt to scientific and technological developments. Additionally, consumer voices demand products free from confusing labels or tags.

Keeping products secure, safety datasheets up to date and labels clean and compliant is therefore not an easy task. This calls for a collaborative platform stimulating control mechanisms and efficient data management.

## GUARANTEE SAFETY AND QUALITY

Feed safety is a prerequisite for food safety and human health, as well as a necessity for animal health and welfare. Feed and petfood production are subjected to the quality assurance of integrated quality control systems. The quality assurance aspect is all about achieving an enhanced integrity towards customers by delivering what can be promised and promising only what can be delivered.

It is important that the growing amount of quality data is managed efficiently and used to create direct value. This is still an issue today. Data is often stored separately in multiple databases and managed by different departments. Clear insights can only be gained through close collaboration. Furthermore, when facilities lack a proper tracking and warning system, it becomes difficult to take safety and quality assurance to the next level.

## ENHANCE PRECISION PRODUCTION

Aligning formulation with the actual production process is a big challenge. A least cost formula that does not take into account production parameters, might lead to extra production costs and a production out of spec. Moisture loss is another aspect that affects the product quality during production. Not being able to take this into account during optimization can lead to products with an overdose of expensive nutrients.

Finally, formulation is performed with average ingredient quality data, which does not always reflect the reality in the factory. This may cause a variation in the finished product quality. Finding a way to re-optimize individual production orders with specific lot information can ensure a stable quality for the finished product while reducing ingredient costs.

## BOOST CUSTOMER ENGAGEMENT

Customers demand more insight and transparency into the products they buy. On top of that, they expect tailor made products and professional services. This significantly increases the number of recipes that need to be formulated. To succeed in delivering added value services to customers, a central, easy to use, interactive and secure platform is indispensable.

Investing in customer service leads to customer satisfaction and loyalty in a crowded marketplace. Superior customer service adds value to the products and services of any animal feed business.

[DISCOVER OUR SOLUTIONS](#)



# SOLUTIONS

## BESTMIX

BESTMIX® is Adifo's platform to design and optimize products, taking into account: all quality requirements, factory specifications, health and safety requirements, environmental and legal aspects of your business.

Once products are designed, all required documents (labels, product specifications, feeding tables, safety data sheets,...) are updated automatically and made available for other business applications inside and outside of the organization.

Integrated with the purchase department, BESTMIX® offers powerful tools to efficiently determine the most profitable ingredient position for any given logistical challenge, or to anticipate on ingredient market evolutions.

BESTMIX® also provides tailor-made customer advice via perfectly balanced rations for each individual animal type in all its production stages in a unique 'MultiAnimalType - MultiModel' concept. You can either use an industry-standard model (like CNCPS, NRC, FIM...), or create an own model.

BESTMIX® is the solution that allows Feed, Premix and Pet food manufacturers to manage all aspects of their formulations in one central and integrated platform.

## BESTMIX QUALITY CONTROL

BESTMIX QUALITY CONTROL manages all relevant quality data such as raw material samples, production batches, finished product deliveries, customer service, complaints,...) in one central platform.

Upon assigning tests to the samples, target values and upper and lower limits are loaded automatically. This way test results are evaluated immediately at entry or import.

Thanks to an extended series of smart and flexible automations and integrations, time consuming and error-prone registration are a thing of the past. BESTMIX® Quality Control delivers information to multiple stakeholders, like purchase, production and feed formulation departments.

By managing quality data in a smart and reliable way, you as manufacturer save a lot of time and get more insight in the quality of materials and processes.

## BESTMIX SPECTRACK

BESTMIX® SpecTrack is Adifo's platform for specification management. It allows users to store and supervise both supplier and product specifications. Suppliers upload their certificates, assessments and product specifications through the web portal. The portal's intelligent dashboard, guides the supplier through the workflow and shows where and how to upload and share assessments, product data and certificates.

Once all product information has been entered and validated, it is ready for use in other applications, like recipe management, ERP, quality control and production.

BESTMIX® SpecTrack streamlines the entire process of having approved suppliers and specs. The solution checks whether data is available and valid. An alert is sent out when intervention is necessary so that full compliance is guaranteed quickly and constantly. BESTMIX® SpecTrack also notifies users about when suppliers have filled-out and submitted questionnaires and product specification inquiries.

Besides validity, also claims and risks such as VLOG/no-GM, hormone-free and gluten-free can be assigned to products or suppliers to ensure compliance with standards and quality marks. All data is available for internal use, for external audits and for third parties in the supply chain. Use BESTMIX® SpecTrack to improve communication between all parties involved and maximize the data flow's efficiency.

## MILAS

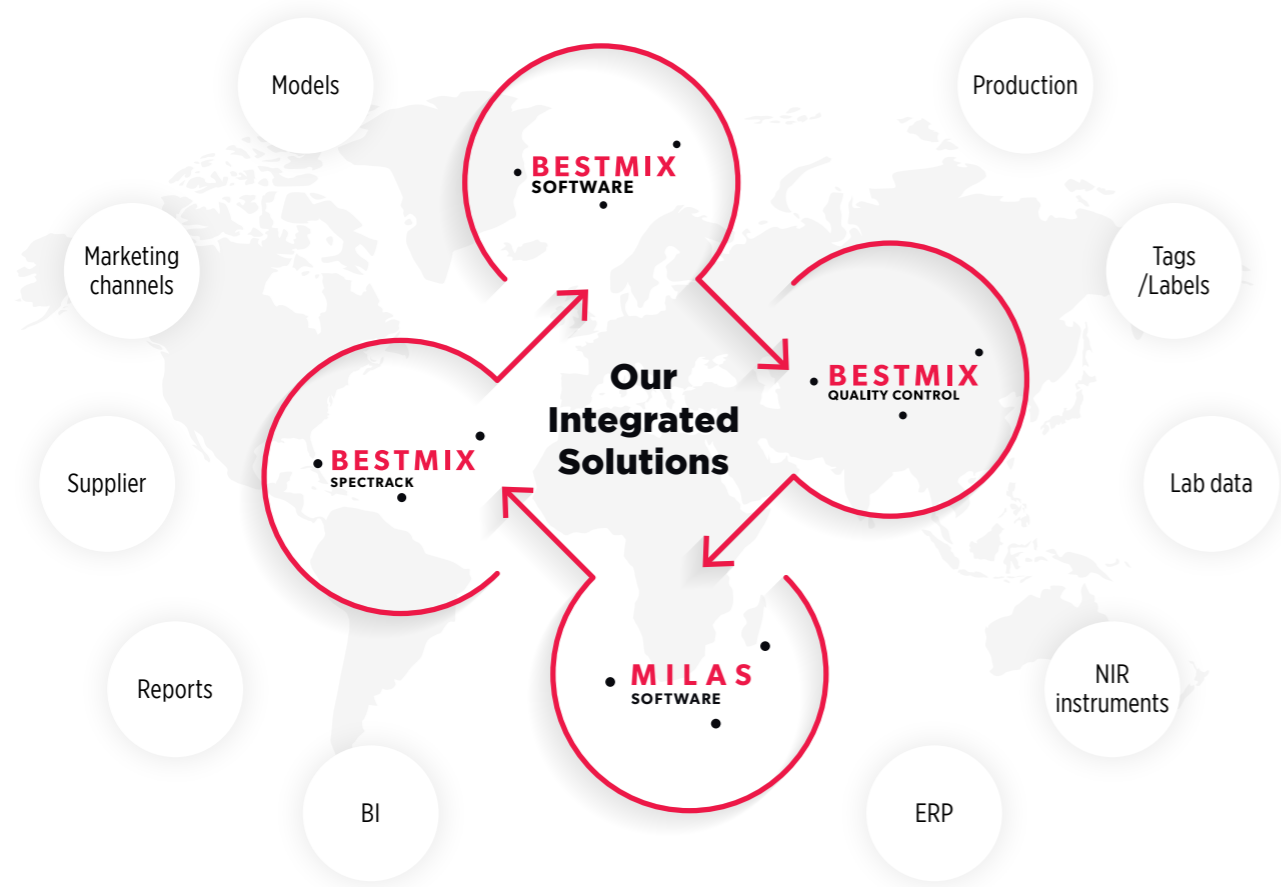
MILAS®, Adifo's ERP solution, helps you make better business decisions with fewer risks. Relying on the immense power of Microsoft Dynamics 365 for Finance and Operations, MILAS® streamlines purchase, warehouse, sales and production processes.

MILAS® offers accurate real-time information on purchase positions, stock levels and commodity prices to guarantee competitive raw material sourcing. The solution radically reduces the risk of entry errors through embedded workflows, forcing users to follow streamlined procedures for the high-risk business elements, such as commodity trade or medicated additive management.

MILAS® also assures customer satisfaction by improving customer communication, speeding up the order entry process and automating discount and charge management.

MILAS® is a stand-alone ERP system, but through the Adifo Integration Service it becomes easy to create seamless integrations between important external systems such as process control, Formulation, EDI Partners and Quality Control. Rely on MILAS® to work more efficiently and reach the desired results faster.

## Software integrations.



## Highlights.



Customer service



Innovative solutions



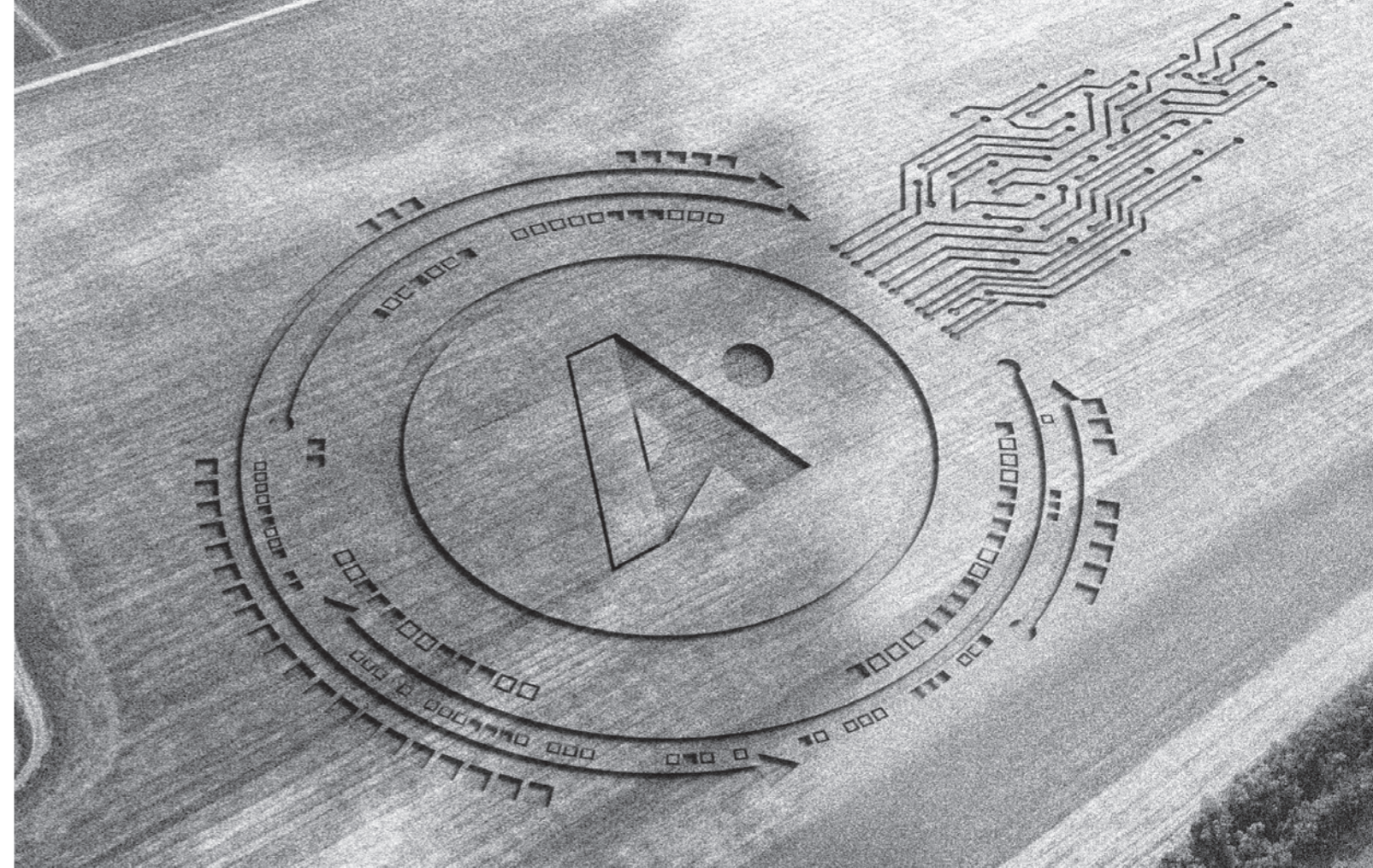
Global presence



Integrated solutions



40 years of industry knowledge



## About Adifo

At Adifo, we believe that result-driven software solutions are the way of the future. By combining our industry specific knowledge with a relentless passion for innovation, we develop applications that support the success of our customers and their customers. Our developments are based on a continuous input from users, best practices, sector expertise and state-of-the-art technology.

### Our mission: Adding value to nutrition industries

We do this by offering a unique range of industry-specific software tools for least cost formulation, recipe management, quality data management, ration calculation, cloud services and ERP.

At Adifo we help our customers launch new products, reduce costs and optimize resource efficiency, protecting essential business knowledge and making sure your customers receive high quality product on time. Contact us and learn how our software can support you in facing your business challenges in an ever changing and increasingly competitive market.

