

Formulate pet food with confidence.

Ara™ Formulation with our Integra-Mix® optimizer puts pet food formulation at the center of your business. With Integra-Mix, you do more than just formulate – you can optimize single and multi-layered recipes, manage data, and perform analytics all in one place to ensure exceptional pet nutrition.

This software can be tailored to fit your unique business needs and your budget.

Why Ara Integra-Mix?

We've developed Ara as a formulation tool to give your business a competitive advantage.

View pet food formulations before production and shorten design time.

- Designers can easily determine consumer acceptance and make changes early in prototyping.
- Reduce production change-over costs and formula variability so larger lots can be produced from fewer managed formulas.

Make confident decisions with a clear view of your business.

- Store ingredient costs, see data changes over time, and keep a track record of your formulas, making pet nutrition traceable for your customers.
- Gain potential savings through better purchasing decisions and a reduced need for nutritional safety margins on the ingredient nutrient matrix.
- Track formulation to align best practices in ingredient evaluation, ingredient value capture, formulation design, and supplier scenario

Take the guesswork out of nutrition.

- Integra-Mix has a unique award-winning proprietary solver that optimizes your entire mix of specifications to prevent over- and under-formulation.
- Onboard new team members easily to reduce unique formulation practices and have better knowledge transfer between team members.

How it works

Specifically developed for pet food formulators and product designers, Integra-Mix allows users to design targeted pet diets using unique product specifications, constraints, kibbles, and special ingredients. Integra-Mix was developed with insights from our global customer base to meet the needs of your business at all levels.

Optimize products with many contributing kibble formulas all at once. Users can build and optimize complex specification hierarchies and see their effect on the overall formula design prior to sending them to production. Integra-Mix also helps users understand cost and nutrition impacts as diets are optimized. By solving everything at once, users can see the results of their network of formulas immediately.

Two features make Integra-Mix unique:

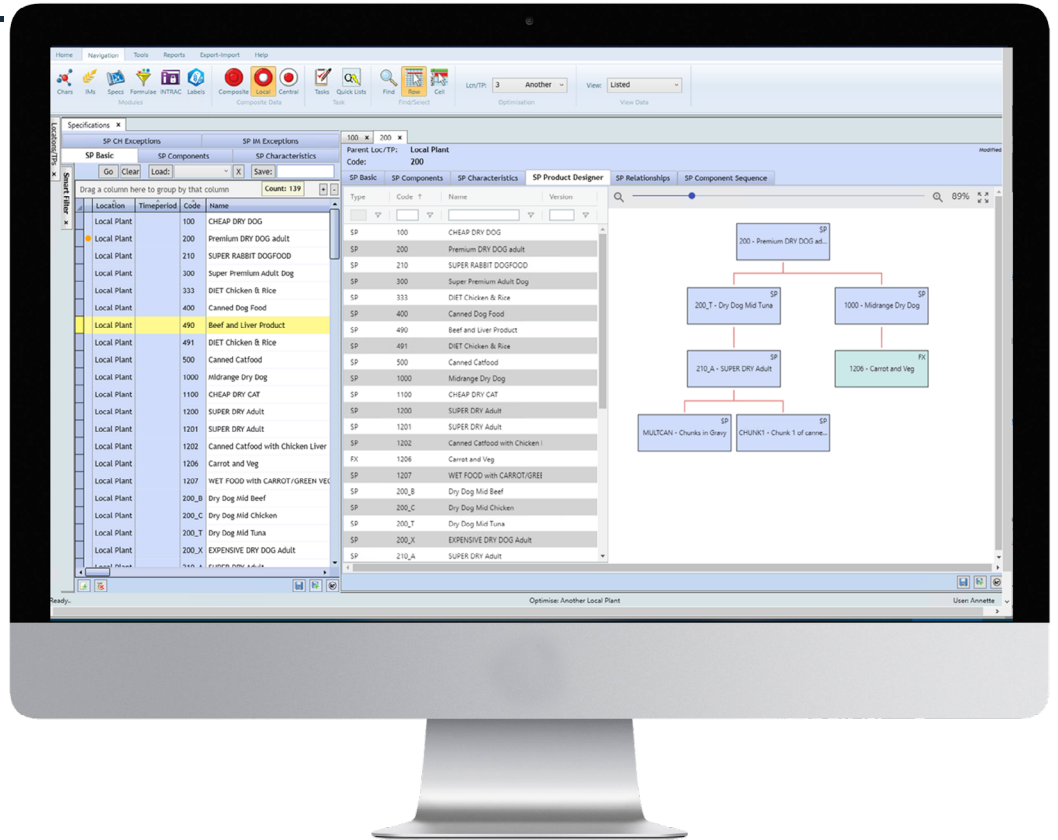
- Product Designer – Manage each component of your product hierarchy from a single graphic display; view costs and status at each stage of formulation. This simplified process allows all layers of the formula design to be optimized, reviewed, and approved on a single screen.
- Component Sequence – Control the order of ingredients used in each product to ensure they align with the pet food packaging. This can be used independently or in conjunction with relationships.

What our customers say

“Having the ability to optimize across multiple multi-level formulas with shared subcomponents is a game-changer for our business.”

Solve complex multi-layered formulation problems.

- Optimize an entire multi-level formula that can be reviewed and edited with simple workflows.
- Utilize the unique Product Designer feature that uses drag and drop capabilities to view formula hierarchy for complete control and visibility to improve product design.
- Our optimizers are fine-tuned to address problems you face every day so you stay ahead of the industry's nutrition trends and can quickly refine your formula.



ADDITIONAL FEATURES:

- **Full Time Periods:** Utilize this work-flow tool to model specific values at a point in time or specific scenarios within a plant location. Full Time Periods contain a complete set of data giving you more flexibility and the ability to see time-sensitive nutrition information and cost.
- **Number of Locations:** You have an unlimited number of locations to work with.
- **Work Centers:** Customers working with multiple production lines in their manufacturing facilities will want this critical feature to help manage real-world factory constraints. Work Centers gives you greater control to know which ingredient bins are available for each production line and where specific formulas are to be produced. You control the scale weighing sensitivities when using the Mixed Integer solver. Ingredients, Specifications, or Formulas are assigned to separate Work Centers that operate within a main production site, making your products safe and accurate.

Contact us to see what Ara Formulation Software can do for you. www.formatsolutions.com