Control Systems

CPM
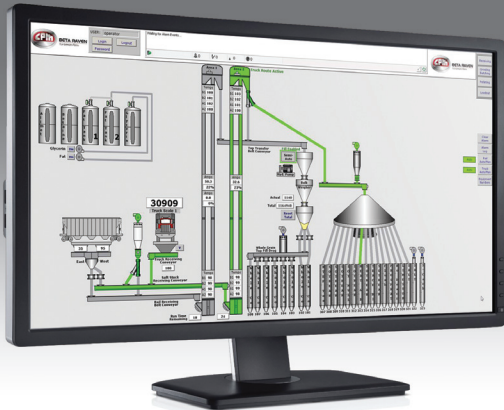**BETA RAVEN**
Your Automation Partner
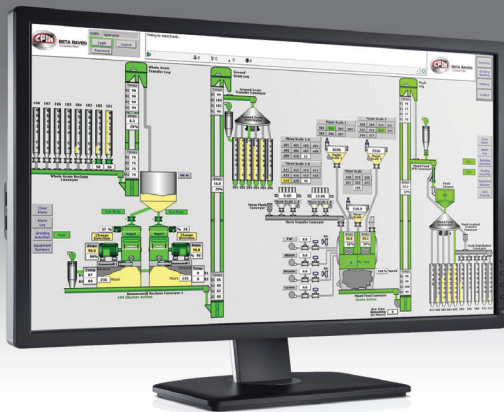
Always Precise
Controls

CPM Beta Raven

CPM Beta Raven's family of automation products and scale systems are the best in the industry, making us the logical choice for your automation needs. We integrate a Microsoft SQL Server database with standard HMI software to produce an easy-to-use, cost-effective control package. Features include detailed record-keeping to support traceability, HACCP, and regulatory compliance, as well as sequencing and flushing protect your products from contamination. Plus, over forty years of experience back up the best support in the industry.

Receiving

- Collects important information about your ingredient shipments and routes them to the correct bin or warehouse location
- Interfaces to corporate systems to obtain purchase orders and report receipts

Grinding

- Grinds whole ingredients and routes them to the correct bins, all with little or no attention from an operator
- Automatically runs as needed to keep ground bins full
- Tracks hours and tons of usage for hammers and screens
- Can blend multiple source ingredients to produce a single ground ingredient with desired properties
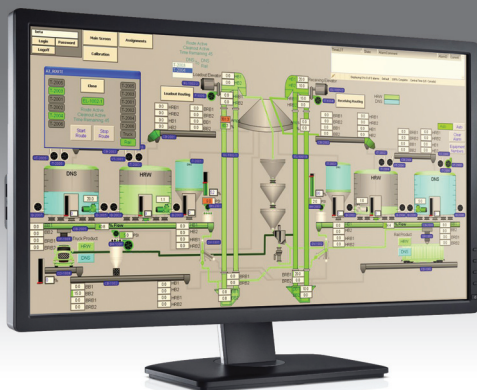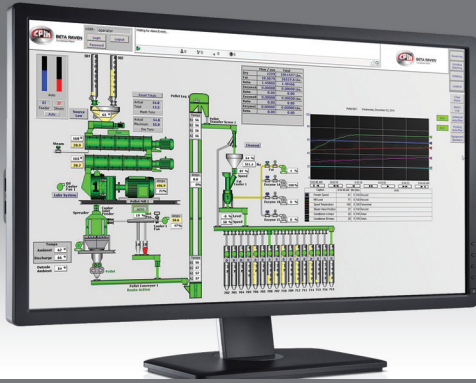

Batching

- Automatically and accurately integrates scaled ingredients, hand adds, and metered liquids to produce a precisely mixed batch of mash and route it to the correct bins.
- Keeps detailed process records to facilitate process improvement, corporate reporting, and regulatory compliance
- Interfaces to corporate systems to import recipes and export production records

Always Precise
Controls

Pelleting

- Efficiently controls your pellet mill from source bin to finished product bin to maximize productivity and minimize downtime

- Accurately ratios liquids anywhere along the way

- Detects roll slips to prevent plugs

- Tracks hours and tons on rolls and dies.

- Control options include: variable bed depth cooler, crumbler position, auto lube, lineator, and hygienizer features

Loadout

- Quickly and accurately loads your trucks, generating a detailed ticket designed to satisfy customers and maximize regulatory compliance

- Interfaces with your corporate system to import orders, and to export completed load data

CDHA (Computer-Driven Hand Add)

- Guides the operator through the preparation of batching hand adds, capturing actual weights and lots

- The user interface minimizes human error and permits the reliable preparation of hand adds days in advance

- Interfaces with a bar code scanner

Custom Controls

In addition to our line of standard products, CPM Beta Raven produces custom controls to meet specific needs. Our team of highly experienced engineers and technicians can design and implement everything from very simple temperature control to more complex applications such as sweet potato processing or ship loading.