

Petfood Batch Process

Plantwide Automation

- ✓ Plantwide Automation
- ✓ Batch Control
- ✓ MES (Manufacturing Execution System)

DAD'S Products Company
Meadville, PA

Jeff Lang
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Bachelor Controls' excellent workmanship and flexibility allowed us to get the job done, to increase our productivity 100 percent and to improve our quality immeasurably.

Rick Lang
President and CEO

BCI BATCH ENGINE™



Bachelor Controls, Inc.

Systems Integration for Manufacturing

Project Summary

Bachelor Controls provided systems integration services for DAD'S Products Company — a \$60-million manufacturer of canned, dry, and soft-moist dog and cat food. The plantwide automation project included a new batch control system, as well as Supervisory Control and Data Acquisition (SCADA) and Manufacturing Execution System (MES) capabilities.



Objectives / Requirements

The ultimate goal was to optimize the total performance of the plant. Objectives for the project included

- Flexible batching capabilities to enable optimum utilization of plant equipment
- Integration of manufacturing and business systems
- Monitoring of process performance and quality

DAD'S Products selected batch control software from Intellution® for the core element of their plantwide automation system.

Results / Benefits

An enterprise-wide ability to continually monitor and control the operation has enabled DAD'S Products to increase efficiency and optimize product quality.

- Equipment-independent master recipes, used across production lines, have increased manufacturing throughput and flexibility.
- Data for each step of the petfood production cycle are electronically collected, stored and displayed.
- The real-time link between the company's batch process and its business planning functions enables engineers to access information, release batches, and make on-line changes to recipes from workstations across the network.

Bachelor Controls was extremely thorough while gathering the information they needed to design a new batch control system for our plant. The result was a functional specification that defined exactly what we hoped to accomplish. Not only did BCI deliver what we specified, but the start-up went so smoothly, it took very little of our staff's time to support it.

Jeff Lang
Vice President

