

I-CONTROL

BY INTERSTATES



SMARTER AUTOMATION. SEAMLESS INTEGRATION.
BETTER PERFORMANCE.



I-CONTROL OVERVIEW

I-Control empowers your plant to consistently deliver quality products in multiple industries such as feed, flour, pet food, and more by combining intuitive automation with software specifically tailored to your unique processes and data requirements. With I-Control, you're equipped to meet increasing demands—maximizing production output, minimizing waste, and keeping your plant running smoothly. Its seamless integration with existing business systems like formulation, quality control, and ERP ensures operations remain efficient and synchronized.

With I-Control, you can:

- 1 Execute and manage customer orders from start to finish
- 2 Easily manage and adjust recipes on the fly
- 3 Track inventory comprehensively, ensuring traceability and compliance
- 4 Confidently control your process equipment
- 5 Aggregate all your production data centrally
- 6 Seamlessly integrate with your existing business systems

Built on reliable, industry-standard hardware and software, I-Control leverages a SQL database to support smooth, flexible integration. Its versatile HMI and PLC design adapt effortlessly to your plant's specific layout, allowing qualified users to make changes whenever needed. Compatible with Windows OS and designed to maintain long-term compatibility, I-Control provides enduring flexibility and dependable support without tying you to specific Windows versions.

With comprehensive annual support plans, you'll always have access to 24/7 technical expertise, preventive maintenance, and consistent system backups for quick recovery from any unexpected issues. Our dedicated team also provides performance optimization services, helping you maximize uptime, equipment utilization, and overall operational efficiency.

I-CONTROL CORE FUNCTIONALITY



ORDER MANAGEMENT

Import or enter orders, manage recipes and quantities, ingredient sources and product destinations.



PRODUCTION SCHEDULING

Manage and adjust production queues by recipe needs and inventory availability for optimal throughput.



FORMULATION & RECIPE MANAGEMENT

Import, edit, and substitute ingredients; manage authorized production parameters.



INVENTORY MANAGEMENT

Track usage and enable manual adjustments to maintain accuracy and compliance.



EQUIPMENT & PROCESS CONTROL

Manage run execution, adjust parameters, operate in manual or automatic modes, and monitor real-time data.



QUALITY & COMPLIANCE TRACKING

Maintain lot records and generate compliance reports for audits.



DATA INTEGRATION

Connect with ERP and formulation tools using standard data protocols.



SECURITY & USER MANAGEMENT

Enforce role-based access, log operator actions, and use secure authentication methods.



I-CONTROL SUPPORT

Reliable Support That Keeps You Running

I-Control support includes 24/7 access, software updates, and complete system backups. We proactively monitor HMI and PLC logs to address issues before they impact your operations.

Scheduled site visits provide training, system tuning, preventive maintenance, and audits to keep your facility running smoothly.

I-CONTROL ADD-ONS

HandAdd & Manual Transact

Support manual batching at scale and dump stations.

Lot Reconciliation

Track physical weight variances and print reconciliation records.

NTEP Module

Aggregate certified scale data to meet legal-for-trade requirements.

Sequencing Module

Enforce item and equipment sequencing rules for cleanouts and compatibility.

Advanced Receiving & Loadout

Enhance automation with vendor matching, ticketing, and truck compartment loading.

Secure Transfer

Securely move product from packaging to micro bins.

Bin Inspection

Schedule and track inspections for safety and efficiency.

I-CONTROL Let's Talk About What's Next

Connect with us to discuss how I-Control can help you simplify operations, reduce waste, and boost productivity.

**Call 712.722.1662 or visit
interstates.com/I-Control to get started.**



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