

Application Solutions

JVH Engineering, Inc.

3040 Ivanrest Ave. Grandville, MI 49418

Industrial Control Solutions Food And Beverage



Features

- **Turnkey Control Solutions**
 - Design & Drawings
 - Installation & Programming
 - Training & Manuals
 - Support
- **Allen-Bradley PLC Architecture**
 - ControlLogix
 - CompactLogix
 - SLC 500
 - PLC 5
- **Distributed Control**
 - Control Net
 - Device Net
 - Ethernet
 - DH+ & RIO
- **Safety & Security**
 - GuardLogix
 - RSMACC
 - User Security Profiles
- **Batch Control**
 - RSBatch
 - Material Track
 - Sequencing & Cycle Control
 - Scaling & Flow Control
 - Recipe Storage
- **Conveyor Control**
 - Motion Control
 - Sequencing
 - Reject Control
 - Vision Systems
- **Precise Temperature Control**
 - Interlocked Systems
 - Closed Loop Control
- **Supervisory Systems**
 - FactoryTalk SE
 - RSView32
 - Set Point Tracking
- **Data Logging**
 - Historian Tracking
 - Plant Metrics, OEE

JVH Engineering provides process control solutions for the Food and Beverage industry that can be integrated into existing systems, third party systems as well as new installations. Several Allen-Bradley platforms have been used such as ControlLogix, CompactLogix, SLC-500, and PLC-5 components. With distributed control and multi-controller systems we can offer many options for connectivity such as Control Net, Device Net, Ethernet and RIO. As plant networks are growing larger, managing and keeping these the systems secure can become more difficult. Integrating systems such as RSMACC can allow tracking of all changes being made and security access levels. Also, supervisory systems can be used to monitor the entire system, track material usage, log downtime reasons, calculate OEE, and much more.

Each solution is custom engineered and designed per the customer's plant specifications and requirements. JVH can provide solutions for each aspect of the process. For example, Ingredient Storage: temperature control, humidity control and recirculation. Ingredient Delivery: flow control, product scaling, valve and pump sequencing control. Mixing/Batch: Major and Minor ingredient scaling, multiple cycles, and temperature control. Shaping/Conveyance: motion control, startup and shutdown sequencing, quality control. Packaging/Bottling: vision systems, reject systems, pressure monitoring, wrapping/labeling systems.

Not only does JVH provide the best control systems available today, but we also empower the end user with the tools needed to effectively modify and customize the hardware and software to make their machine control system infinitely flexible and fully scalable.

With the marketplace changing continually and the need for constant improvement, JVH can provide the right mix of performance and dependability to meet the needs of your process.



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