

## Advanced Automation

Advanced Automation creates integrated technology solutions that enable our clients to control, improve, and optimize their manufacturing process through the use of advanced information technologies. With a 20+ year focus on food and beverage, we apply our real world experience on every engagement we undertake. We combine the disciplines of automation engineering, information technology, business strategy, project management, and 24X7 support services to provide our customers with reliable solutions that are developed on time and on budget.

### Customer Centric Philosophy

Our execution philosophy is to work closely with our customers as a process and "human element" champion of their automation and information solutions. In this role, we work closely to define and refine your manufacturing processes and work flows as well as strive to understand and address how your people interact and react within this process. This approach provides a solid foundation to synchronize and harmonize your people, your process, and your technology for overall success.

### Industry Recognition

As recognition of our 20+ years of customer dedication and industry leadership, Advanced Automation was named 2007 System Integrator of the Year by Control Engineering Magazine. This prestigious honor is a reflection of the solid partnerships and success that we have achieved with our Food and Beverage Customers.



### Advanced Automation Value Pillars

- Automation
- Execution
- 24X7 Support

### Services

- Initial Conceptual Design
- Requirement Definition
- Automation and Control Engineering
- Data Exposure, Management, and Presentation
- Manufacturing Execution Solutions
- Enterprise Integration
- 24X7 Manufacturing Support
- Progressive Training Solutions

Contact us to experience the Advanced Automation difference.

For more information on Advanced Automation visit:  
[www.advancedautomation.com](http://www.advancedautomation.com)



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## Aseco Integrated Systems



Aseco Integrated Systems is one of the leading Food and Beverage manufacturing consulting and system integration firms. Specializing in productivity improvement, we merge product and process control systems into a knowledge-based plant optimization framework.

### Consulting

Our approach is two-phased: one, to rapidly identify opportunities for improvement and to provide our customers with fact-based justifications for the investments required to capitalize on those opportunities; and two, to implement tightly focused systems and process changes that make it possible for our customers to realize and maintain those improvements.

### Manufacturing Execution Systems

ASECO delivers a suite of MES applications used to improve productivity with the core value of MES being the plant-side information backbone that correlates production, quality and process data for decision-support in real time. A subset of our system functionality includes:

- Finite Capacity Scheduling
- Inventory Management
- Resource Allocation
- Work-In-Process (WIP) Tracking
- Laboratory Information Management Systems (LIMS)
- Computerized Maintenance Management Systems (CMMS)
- Overall Equipment Effectiveness (OEE)
- Batch Execution
- Statistical Process Control (SPC)

### Control Systems

ASECO delivers reliable, high quality PLC, DCS, and SCADA solutions that significantly improve productivity. With over 1400 Control Systems completed to date, we have an exhaustive list of experience that encompasses many different processes, equipment, hardware and software. A few examples include:

- AC and DC Drive Systems
- Batching Systems
- Clean-in-Place (CIP)
- Continuous Process Systems
- Conveyors
- Labelers
- Packaging Systems
- Palletizers
- Process Historians
- SOCs / Recipe Management
- Reactors

Let ASECO drive better results for your business.



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