

Advanced Automation

Advanced Automation provides innovative Manufacturing Technology Solutions and Engineering Services primarily to clients in the Food and Beverage market with additional process and customer diversity in Pharmaceutical, Specialty Chemical, and Printing industries.

For over 20 years, Advanced Automation has provided our Food and Beverage clients with Control System Automation Solutions, Manufacturing Execution Systems, and Technology Support Services. Advanced Automation is one of the largest independent Control and Information Systems Integrators in world and the only independent provider offering end to end engineering services, turn key project management, and complete office to plant manufacturing software solutions.

Philosophy:

Our philosophy is to work closely with our customers as a process and human element champion of your automation and information projects. In this role, we work to define and refine your manufacturing processes, work flows, and understand how your people interact and react within this process. This effort provides a solid foundation to synch up and harmonize you people, your process, and your project for overall project success.

Services:

- Initial Consulting and Design
- Requirement Definition
- Plant Floor Automation and Control
- Manufacturing Execution Systems
- Software Integration
- Custom Software Development
- 24X7 Factory Technology Support Services
- Integrated Training Solutions



Manufacturing Execution Platforms:

- Invensys Archestra
- Siemens Simatic IT

Control, HMI, and Automation Platforms:

- Rockwell
- Siemens
- Invensys
- GE
- Schneider / Modicon

For more information on Advanced Automation visit:
<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
- Labels
- Packaging Systems
- Palletizers
- Process Historians
- SOCs / Recipe Management
- Reactors

Let ASECO drive better results for your business.



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