



**AUTOMATION
ENGINEERING**

**A Team of Qualified Experts.
Ready to Handle All Your
Automation Needs.**



Shambaugh
An EMCOR Company

Shambaugh provides cutting-edge process automation technology for manufacturing plants— including work on refrigeration systems, material handling systems, and process controls. Combining engineering, instrumentation, shop-fabricated control panels, and complete design-build system installation, we offer some of the most comprehensive capabilities in the marketplace today.

**Self-Performed Service.
Every Step of the Way**

To save our clients time and money, and optimize internal coordination, the Automation Engineering team self-performs each aspect of the job from start to finish, including design-build functions, panel assembly, installation, and training—all without the use of subcontractors.

As projects proceed, clients receive expeditious project scoping, accurate cost estimates, complete equipment specifications, detailed scheduling, and skilled project management.

**Highly Experienced.
Highly Trained. Highly Trusted.**

Shambaugh has significant experience programming PLC and HMI software packages, especially in the food-processing industry. Our engineers take your facility's current controls systems into account to develop a solution that is right for you.

Additionally, the Automation Engineering team receives extensive, hands-on training, including certification from the following manufacturers:

- > Inductive Automation Ignition Gold Certified Integrator
- > Sepasoft MES Certified Integrator
- > Thinmanager Certified Integrator

KEY INDUSTRIES SERVED

- Food, Dairy, and Beverage
- Manufacturing
- Pharmaceutical
- Industrial
- Automotive
- Water and Waste Water

CORE CAPABILITIES

- Programmable Logic Controllers (PLCs)
- Human Machine Interfaces (HMIs)
- Ethernet Networks
- Server Data Management
- Integrated Plant Floor and Front Office Data Collection
- Overall Equipment Effectiveness (OEE)
- Manufacturing Execution System (MES) Implementation
- Batching Systems
- Recipe Management

- > Wonderware Registered System Integrator
- > Rockwell
- > Siemens

WHAT CAN WE DO FOR YOU?

Shambaugh, an EMCOR Company
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shambaugh.com