

Automation & Instrumentation

Leading the Way in Process Engineering and Product Development





Automation Service Offerings

In addition to our automation services, we offer complete engineering services, which include all phases of engineering and design as well as fabrication and installation of processing equipment.

- Custom Designed Turnkey Control Systems
 - Designed for Your Unique Process Requirements
 - Guaranteed to Perform as Specified
- Control Panels Built to UL508A Specifications
- Complete In-House Electrical Panel and Automation Shop
 - Optimum Cost Control
 - Rapid Fabrication
 - Tight Quality Control
 - No Sub-Contracting
- Full On-site Installation Services

Systems Hardware & Programming

Hardware

- Allen-Bradley
- Modicon
- General Electric
- Siemens
- Foxboro
- Yokogawa
- Honeywell
- Rosemount
- Square D/Groupe Schneider/Telemecanique
- ... and more

Programming Platforms

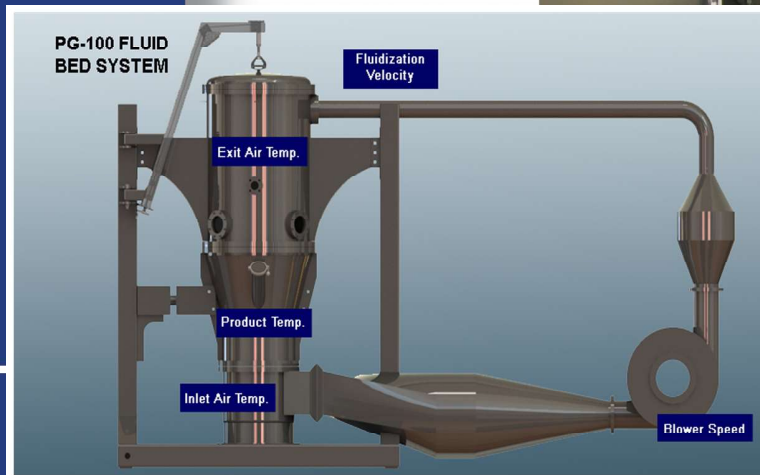
- IEC 1131 Compliant
- Ladder Logic
- Structured Text
- Function Block
- Sequential Block
- BASIC (VBA, Modular, etc.)
- ... and more

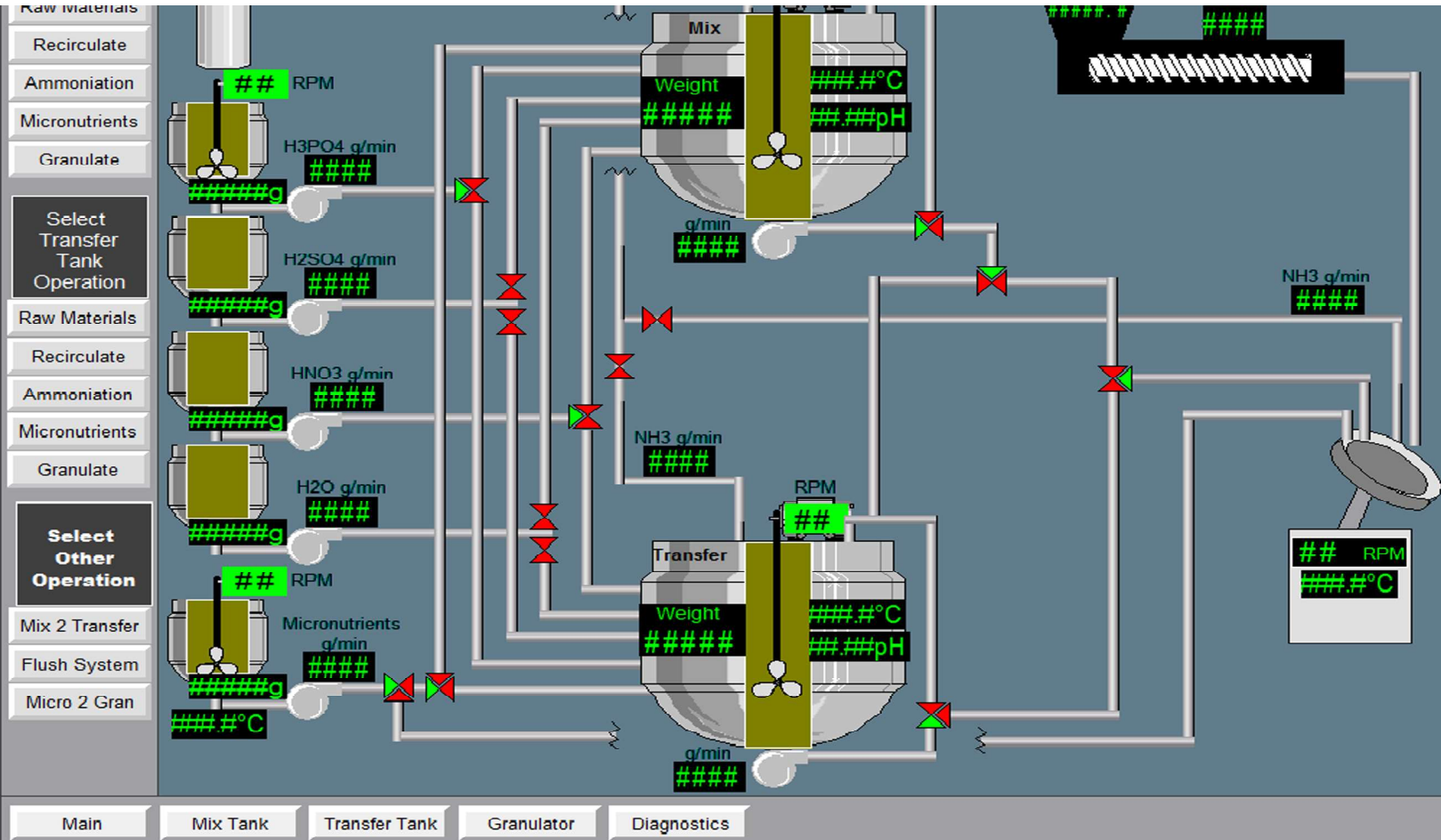
Expertise & Experience

- PLC (Programmable Logic Controllers)
- HMI (Human Machine Interface)
- Industrial Networking
- Database Design
- Hazardous Locations Installations
- System Upgrades and Debugging
- NFPA/IEEE and Other Industrial Regulations Compliant



ACT's integrated approach reduces project costs





AUTOMATION FOR INDUSTRIAL PROCESSES

Applied Chemical Technology's (ACT) automation services provide agile, focused, economical solutions for your automation/computer control and service requirements. We are available to **troubleshoot**, **upgrade**, or **modify** existing systems, or to provide **complete system designs**, **procurements**, and **installation**.

ACT's automation team is supported by a staff of **highly qualified** chemical, mechanical, and electrical engineers who have the technical expertise and experience to ensure that our automation projects are thoroughly designed and perform successfully in the field while meeting all of your process requirements.

Advantages of an ACT Automation System

- Reduced Production Cost
- Improved Product Quality
- Improved Production Consistency
- Reduced Downtime
- Accurate Process Data Collection and Reporting
- Centralized Process Control
- Improved Employee Safety



The stability of ACT's workforce provides continuity across longterm projects.

To find out more about our services or to discuss your project with an ACT engineer, you may contact Applied Chemical Technology by phone, mail, email, or web form. All initial consultations are strictly confidential and free of charge.

Why ACT?



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