



“INTEGRATION AND AUTOMATION SPECIALISTS”

FOOD AND BEVERAGE

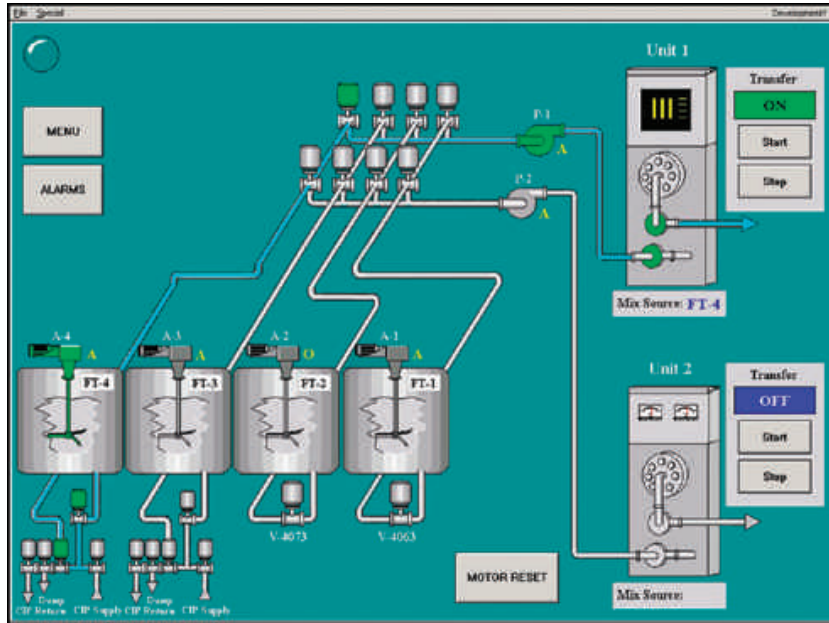
Sycal Engineering, Inc. provides innovative automated control system solutions to the food and beverage industry as well as many other industries including pharmaceutical, medical products, high-tech, semiconductor, municipal and industrial water treatment, mining, and theme park attractions.

Experience, Quality, Commitment...

With years of technical and hands-on experience in food processing and packaging, SyCal is recognized for the high quality, competitive solutions that we provide to our customers. Our senior engineering staff is comprised entirely of licensed professional engineers committed to delivering only superior engineering solutions.



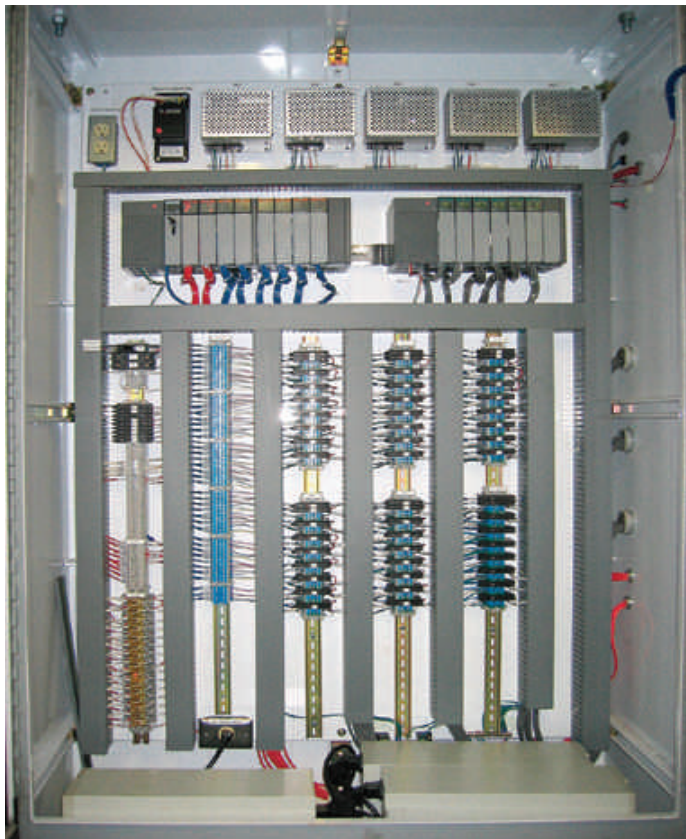
Engineering design and development turnkey solutions.



Control Systems Programming

SyCal Engineering provides state-of-the-art automation solutions using the latest available technologies while continuing to maintain and support older legacy systems. Our programming expertise includes programmable logic controllers, human machine and graphical user interfaces, single and multi-axis servo/stepper controllers, high speed data acquisition, alarm notification, database design, and custom development using the latest programming languages.

Custom Programming Solutions... Our custom programming solutions range in scope from equipment communication drivers to complete Manufacturing Execution Systems enabling management and operations to procure raw materials, track inventory, schedule production, and ship finished goods.



More than just programming...

In addition to programming, SyCal Engineering provides turnkey automation solutions by supplying fully wired and tested UL listed control panels, specifying and procuring instrumentation and equipment, developing electrical wiring diagrams and P&ID's, installing and commissioning control systems, and training personnel.

Industries include... Dairy/Ice Cream, Soy Products, Fresh Produce, Baked Goods, Sports Drinks, Wine and Spirits, Coffee Roasting, Salad Dressings, Ketchup, Syrups, Packaged Tea.

Proficient with systems including... Clean-In-Place, pasteurization, 3A sanitary, high speed packaging, batch and continuous processing, refrigeration, palletizing, sorting, pick and place, wastewater treatment, recipe management, downtime reporting and tracking.



Summary of Services

- Engineering Design
- Control Systems Programming
- Systems Integration
- Management Information Systems
- Database Solutions
- Equipment Specification
- Installation and Commissioning
- Training
- Service and Support



61 Airport Blvd., Suite F
South San Francisco, CA
Tel: 650.246.1850
Fax: 650.246.1851



For your next automation project
please contact us or visit us at:
www.sycal.com