



Process Solutions

- Process Design
- Process Automation
- Process Component Supply & Rebuild
- Procurement Services
- New Product Introduction

Process Automation

- Electrical Control System Design
- Instrumentation Specification
- Control Panel Design
- Programming
- Software Development

Process Design

- Feasibility Studies
- Capacity Analysis
- Design Basis, Energy & Mass Balances
- Ingredient Analysis
- Utility Requirements
- Equipment Identification & Functional Specifications
- Equipment Arrangements
- Budget Cost Estimates & Schedule Development
- PFDs and P & IDs
- Piping Design (2D & 3D)
- Equipment Supports & Operator Platform Design
- As-Built Documentation

Process Solutions

Process Solutions

Design Group is a national supplier of integrated process design and implementation solutions to the food and beverage, life sciences, household and personal care, and light industrial sectors and provides process mechanical services in conjunction with process automation and controls to deliver a wide range of integrated solutions.

Process automation professionals are experts in PLC, DCS, SCADA, and S88 Batch and understand that each system is more than just a series of components. Design Group solutions offer complete accountability for the design, integration, and implementation of the system.

Document preparation, mechanical design, control system design, instrument specification, panel fabrication, and software development all occur in concert. Our approach facilitates seamless integration, improved lead-time, and sustainable system performance.

Design Group experience includes liquid handling and preparation, solid materials handling and preparation, mixing and blending high-purity water systems, fermentation, separation, cleaning, sanitization, and heat exchange systems.

Process Design

Design Group understands what it takes to successfully design, integrate, and implement a new or modified process solution. Our design process, led by industry-seasoned professionals, begins with a comprehensive understanding of our client.

We then apply the specifications and requirements, along with industry recognized best practices to evaluate technology and automation solutions. These solutions provide a guideline for the design of a high performance system, employing proven technologies with the appropriate level of automation.

Process Automation

Design Group process automation professionals combine a broad range of process experience and technical knowledge together with a disciplined execution methodology to deliver robust automation solutions across all industries.

For batch and continuous processes, Design Group partners with industry leading technology platform providers to deliver world-class solutions. Design Group's standard services include pre-site simulation, installation management and start-up/commissioning support.



Barry-Wehmiller Design Group, Inc., operates from over 35 offices across the U.S. and Puerto Rico. Design Group employs over 1000 engineers, project managers, and other technical specialists, providing a broad range of services, including packaging automation, process engineering, facility design services, utility system engineering, software engineering, compliance and quality services, construction management, and design/fabrication of electrical control systems. The firm's stated mission is to provide "Total Operational Solutions for Industry."