

## Modernization



### Project Approach

- Risk Analysis
- Design Reviews, Software Simulation, & Testing
- Start-Up Planning
- Installation Management
- Local Coverage, Optimization, & Enhancements
- 24/7 Support Contract Option

Design Group's factory automation experts specialize in executing predictable modernization projects using a disciplined and phased approach, with a focus to minimize production downtime. Our subject matter experts master plan automation migrations with consideration to each client's automation philosophy, while identifying opportunities to implement industry best practices. Our experts execute projects of all sizes, from stand-alone to multiple networked PLC's and multi-site modernization initiatives. Our subject matter experts master plan the automation migrations, recognizing the client's automation philosophy and identifying opportunities for plant and process improvements. Our experts execute projects of all sizes, from individual to multiple networked PLC's and enterprise-wide modernization initiatives.

Our industry-leading advanced modernization planning experts work with clients to:

- Plan for future automation needs of manufacturing facilities
- Thoroughly review existing conditions
- Minimize plant production downtime using a phased approach
- Develop a master plan that identifies and prioritizes high risk equipment to focus capital spending
- Identify risks and implement improved designs to manage or mitigate arc flash potential
- Improve network security and modularity of system architecture

*Design Group operates from 45+ offices in the US and India providing engineering, consulting, and technical services to the world's leading companies in the Food & Beverage, Life Sciences, Advanced Technology, Industrial, and other market sectors. Our nearly 1500 technical and engineering experts have direct industry experience in industrial automation, control system integration, facility and process engineering, architecture, construction management, regulatory compliance, enterprise technology, and other consulting services.*