

Manufacturing Consolidation

Overview

When your company's manufacturing strategy calls for the consolidation of manufacturing facilities, you want a System Integrator who knows how to lower your risks and help maximize the opportunities to fully realize the project's production and revenue objectives.

Polytron is a CSIA-Certified leader in engineering consulting and systems integration, and is 2019 System Integrator of the Year. Applying almost 40 years of manufacturing engineering expertise, we deliver Full System manufacturing consolidation services and solutions from design to startup.

Solutions and Services

We will provide you with design, definition, and execution solutions that help you meet your objectives while reducing risk and meeting your project deadlines in:

- ▶ Packaging Systems and Material Handling
- ▶ Process Systems and Utilities
- ▶ Smart Manufacturing – MES/MOM
- ▶ Industrial Network and Security Solutions (INSS)
- ▶ Automation and Controls
- ▶ Emulation and Simulation
- ▶ Turnkey Project Management
- ▶ Machine Safety

Project Types

- ▶ Minimized production downtime
- ▶ Flexible line design for multi-product production
- ▶ Multiple-format packaging
- ▶ Multiple-product material handling system
- ▶ Innovative space design for new and old line configuration
- ▶ Management of equipment and line relocation
- ▶ Vertical startup with PolySimSM emulation for preconstruction decisions



Project Management Institute.



Project Delivery

Project Management provides the cornerstone of risk mitigation for your manufacturing consolidation projects. When the Project Delivery Team - a cross-functional team of project stakeholders - create the shared vision, promote a “common purpose” through defined project success criteria that align the project team with the business goals, you are able to realize project success: lower risk, shorter startup, and a sound ROI for your business.

Through a clear definition of your needs and priorities from both the business and plant perspective, we develop and deploy your solution through an appropriate blend of system engineering, automation, controls, and people development.

Polytron offers a full set of engineering capabilities from start to finish: front end engineering discovery efforts, detailed design, construction installation packages, network integration, operator interface design, and, total system training.

Turnkey Operations

Polytron provides a single point of contact for your projects with a comprehensive solution offering including:

- ▶ Collaboration with your team to create the Functional Design Specification
- ▶ Development of the Electrical / Controls based upon the Functional Design Specification
- ▶ Machine /System Integration and Programming
- ▶ OEM procurement and management
- ▶ Supply of electrical and mechanical hardware and installation
- ▶ Onsite support for construction management, debug and system validation
- ▶ Documentation and Training for performance continuity

Industry Certifications and Affiliations



Contact Us

Risk management, design issues, procurement, engineering, start-up issues, and everything that goes into a project, is identified, managed, confirmed, documented, and delivered.

Are you ready to take the next steps toward manufacturing consolidation? **Contact us.**

