

Packaging Turnkey Solutions

What Are Your Challenges?

- I don't have the resources and tools in-house to manage capital projects from start to finish.
- I need someone with CAPEX experience to manage this Project.
- I don't know how to start a new initiative or product.
- We need to expand the business and maintain production at the same time, but I don't have enough resources to do both.
- Our facility is struggling to meet customer demand.

Resource Resolutions

With over 40 years of packaging experience, Polytron has developed a domain expertise in delivering turnkey packaging solutions to meet your project needs by:

- Providing a single-source partner to manage and execute projects
- Developing and deploying your solutions using proven project execution methodology
- Ensuring compliance to the scope, cost, and schedule
- Managing startup and validation while plant operations continue day-to-day production
- Implementing vendor neutral solutions to leverage the marketplace

Capabilities

- ▶ Collaboration with your team
- ▶ Budget and project schedule management
- ▶ Procurement and vendor management
- ▶ System design and mechanical layout development
- ▶ Development of electrical and controls
- ▶ Machine and system integration and programming
- ▶ Supply of electrical and mechanical hardware and installation
- ▶ Construction coordination
- ▶ Onsite support for construction management, debug and system validation
- ▶ Documentation and training for performance continuity
- ▶ Post-startup support



The Power of Emulation

For over 20 years, Polytron has been successfully using simulation and emulation technologies to help diverse manufacturers expand and make major changes and decisions – without the stress and risk that comes with guesswork.

In manufacturing, the key to success is to manage risk and eliminate the unknown to the highest degree possible. Emulation is a strategic tool that lets you troubleshoot and perfect engineering solutions in a safe digital environment resulting in:

- ▶ Lower overall investment risks
- ▶ Reduced on-site testing time and costs for shorter startup time
- ▶ Increased control system quality
- ▶ Earlier controls testing in the project cycle
- ▶ 95% debugging and verification before installation

Packaging Turnkey

For flexible lines, complicated system designs, OEE improvement, or unusual packages, Polytron has the technical know-how and dynamic solutions to address, improve and enhance each one. We combine best practices across multiple industries to come up with the right packaging solution for your unique challenges.

By offering turnkey automation solutions from concept to virtual commissioning, implementation, and workforce training, we help you maximize operational efficiency from beginning to end with options and solutions designed for your specific product variations.

Polytron delivers complete integrated packaging solutions including:

- ▶ **Material Flow** – Increase your system throughput and reduce waste.
- ▶ **Line Layout** – Optimize your line layouts with 2D and 3D visualizations.
- ▶ **Equipment Specification and Selection** – Select the right equipment from the right vendor.
- ▶ **Product/Package Flexibility** – Coordinate with your marketing and engineering groups to ensure flexibility—across the board.

Contact Us

Using our expert knowledge in best-practices and standards we ensure the highest degree of project success in all areas of the project.

Are you ready to take the next steps toward packaging turnkey solutions? [Contact us.](#)

