

# Consumer Packaged Goods Solutions

## Systems and Services

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 manufacturing systems and solutions from process to material handling, to packaging and warehousing.

Polytron is uniquely positioned and fully qualified with certified best-in-class systems integration talent and industry expertise to deliver the special requirements of the Consumer Goods / Personal Care industry. Polytron maintains GMP guidelines for engineering standards and 21 CFR 11 for control, data handling and validation compliance.

## Getting Started

Polytron will provide continuous improvement solutions that help you meet your business objectives while reducing risk and improving overall performance 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

- ▶ Personal Care
- ▶ Household cleaning chemicals
- ▶ Household detergents
- ▶ Corrugated paper
- ▶ Molded Pulp products
- ▶ Blow Mold for plastic containers
- ▶ Tissue and Towel products
- ▶ Non-woven products



## Packaging

Polytron delivers innovative Full System Packaging Solutions. Our comprehensive solutions offering includes:

- ▶ Multi-format, High-speed Packaging Lines
- ▶ Multi-product Packaging
- ▶ Tablets, Caplets, Liquids, Gels, Suspensions, Powders
- ▶ Cans (normal atmosphere and pressurized)
- ▶ Bottles - plastic and glass (round & non-round)
- ▶ Cartons, Blister packs, Bags and boxes
- ▶ Bundling / Wrapping
- ▶ Case Packer
- ▶ Palletizer
- ▶ Stretch wrapping
- ▶ Bucket, Barrel, Tote
- ▶ ASRS, AGV, Manual, Robotic and Conventional Palletizing
- ▶ Warehouse Capacity and Automation Optimization

## New and Existing Lines

- ▶ Complete and Specific Project Management
- ▶ Construction Management
- ▶ Equipment Procurement
- ▶ Line Layout Detail Designs
- ▶ Line Integration
- ▶ Add systems to existing lines
- ▶ Add new equipment to existing lines
- ▶ Conveying
- ▶ Line and facility consolidation
- ▶ Dry/Liquid Ingredient Storage, Blending, and Mixing
- ▶ Advanced Process Control - Internal Model Control / Coordinated Control / Modular Multivariable Controls
- ▶ Efficiency improvements / increase capacity
- ▶ Startup Management

## Industry Certifications and Affiliations



## 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 finding consumer packaged goods solutions? **Contact us.**

