



Sample Case Studies of FMCG

Packing Lines Liquids, Powders (Dry)

- Design methodology for change parts.
- Developing 3D models and automation systems for “Built to Print” drawings for change parts
- Positive bottle handling projects
- Sensitivity study to understand behavioral changes with different process variables

Equipment Design Projects

- Develop methodology for high precision components like Infeed screw and Starwheel
- Conceptual design work and Virtual simulation for bottle handling
- Conceptual designs for pouch handling and distribution systems
- Simulation for bottle Unscrambler
- Development of label application and virtual visualization of bottle
- Simulation for can stability, carton stability

Power Controls and Instrumentation Projects

- Obsolete system upgradation
- PLC Programming
- Power Control and Instrumentation sustenance downtime accuracy, failure mode analysis
- Control, Automation, Motion and positioning system designs
- Servo and VFD selection, Panel design and Application design & integration