



PAK/TEEM, INC.

Packaging Systems Integration

PAK/TEEM believes that the success of a system integration project involves a detailed assessment of the functional relation between parts and the whole by an experienced team of engineers and designers. Our team also looks outside the immediate boundaries of the system to ensure that supporting processes and utilities can properly support the new system, for example, verifying that upstream equipment can adequately supply the new system. Using this approach, PAK/TEEM successfully and cost-effectively delivers system integration projects from concept through start-up in a schedule-driven environment.

System Engineering & Design

- Conceptual development
- Integration of new or modified equipment into existing lines
- System design requirements
- Line layouts and alternatives
- Cost-benefit analysis
- Design basis
- Sequence of operations
- Operator interface design
- Equipment specifications
- Detailed design
 - Civil/structural
 - Mechanical
 - Electrical
- Progress reviews at project milestones

Integration Execution

- Project management
- Cost and schedule control
- Equipment procurement
- Equipment vendor progress reviews
- Pre-shipment testing of vendor supplied equipment
- Pre-assembly and runoff at PAK/TEEM's secure integration facility (optional)
- Coordination of construction and integration activities with customer's facility management
- Customer facility site preparation and utilities installation
- Line assembly at customer's facility

System Testing & Turn Over

- Commissioning and start-up
- Acceptance testing
- Process validation (optional)
- As-commissioned system documentation
- Operator and maintenance personnel training

