



Value Management & Solutions

Through the collaboration of our design engineers, construction project managers and field supervisors, we create and deliver innovative solutions that add value for our clients. From process design to building materials, we thoroughly explore opportunities for value engineering at every phase of a project. We achieve this through:

- **Lean manufacturing principles** - during design development, we implement principles that reduce waste, increase productivity and boost profitability for our food clients
- **Cost control** - utilizing Primavera Contract Manager project management software, our team monitors and reports costs in real time while maintaining the highest levels of communication and accountability
- **Creativity and innovation** - we bring these values to every project, understanding the value of offering leading-edge solutions for our clients that are proven to reduce costs and improve food safety



Recent Solutions

Starbucks: Greenfield Roasting Facility - Matthews, SC

Stellar used lean manufacturing principles to reduce the building footprint and maximize efficiencies for the coffee production process at this 117,000-square-foot facility. We conducted value-stream mapping to analyze the flow and timing of materials, people, products and information for each step of the process. The team reviewed this information and created a future-state map that greatly streamlined the processes and flow of the plant, which became the basis for design.

To meet Starbucks' sustainability and environmental responsibility goals, we designed and built the plant according to LEED standards. It became the coffee maker's first-ever roasting plant to achieve LEED Gold certification.

Keystone Foods: Chicken Processing Facility - Gadsden, GA

As a key supplier for McDonald's and other major brands, Keystone Foods must be agile enough to keep up with ever-changing consumer demands. As the design-builder, Stellar had to be just as responsive. Even with an unanticipated production line change and 96 documented rain delays during construction, Stellar delivered an innovative facility according to the original, fast-tracked schedule of less than one year. The facility was recognized as Food Engineering's Food Plant of the Year in 2010.



LEAN MANUFACTURING PRINCIPLES



COST CONTROL



CREATIVITY & INNOVATION