



## Delivering Cost-Effective Engineering & Exceptional Service

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### SUMMARY OVERVIEW

Clarke Solutions is an independently owned and operated company that specializes in engineering, automation, validation and project management services for various industries, including life sciences, consumer products and process industries.

#### What sets Clarke Solutions apart from other firms?

Our experienced engineering team exceeds customer needs by providing cost-effective engineering solutions to improve the quality, performance, efficiency and safety of new and existing plant operations while working within industry regulations.

We understand cGMP and validation requirements and ensure that projects we support maintain every product's SISQP. Our engineers can hit the ground running, delivering large and small-scale projects — and everything in between — on time and within budget.

#### Engineering Services

We have years of experience providing high-level engineering services, including:

- Process engineering, development and qualification
- Packaging design and materials selection services
- Independent equipment recommendations
- Filling and packaging integration services
- Engineering support to manufacturing operations

#### Validation

Clarke Solutions offers all-inclusive delivery of commissioning and qualification (C&Q) projects, from small-scale equipment to full-line installations, including:

- C&Q package preparation and execution
- Stand-alone or integrated Computer System Validation (CSV)
- Validation Life Cycle Support (equipment upgrades, optimizations and maintenance system planning and setup)
- Identifying and resolving equipment performance issues

#### Project Management

Successful project management starts with detailed planning combined with a deep understanding of both customer needs and technical knowledge, including:

- Detailed project scope, budget, resource and schedule development and tracking
- Project team-building and mentoring
- Issue resolution
- Regular project updates to key stakeholders

### Automation

Clarke Solutions works closely with our sister company, Acquire Automation, to provide automated systems and services across numerous platforms for a variety of industries. Our programming competencies range from simple revisions and upgrades to complete control system design and implementation, including:

- 2D and 3D custom equipment design, fabrication and integration
- Machine Vision solutions for virtually any inspection application
- Line Improvement and Control SCADA from design and fabrication to installation and qualification

We work with customers either as their exclusive engineering representative or as a complement to their in-house engineering teams. Unlike many of our competitors, we do not carry agreements with any specific equipment manufacturers, which creates a significant advantage for our customers when we evaluate and recommend new equipment.



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