

## KEY EXPERIENCE

KEY's core technical group has been providing engineering and design services for the industrial and commercial sectors for over 20 years to a wide variety of industries including:

Appliance Manufacturing	Fossil & Nuclear Power
Automotive	Municipal
Cement	Paint & Coatings
Chemical	Petrochemical
Commercial	Pulp & Paper
Industrial Ceramics	Steel Processing
Film & Plastics	Textiles
Food Processing	Tire Manufacturing

## SOFTWARE

**AutoCAD**  
Mechanical · Electrical  
Inventor · Raster · MEP

AFT FATHOM · SKM POWER TOOLS  
ANSYS ED · CADWORX · CAESAR II  
GT STRUDL · DYADEM PHA-PRO  
MICROSTATION · STADD PRO

## KEY SOLUTIONS

Key Engineering is the largest full service multi-discipline engineering and design firm in the Decatur area, providing professional services to the industrial, commercial, and municipal sectors. Our success is achieved because of our professional diversity and advanced capabilities.

KEY's staff includes qualified engineers and designers from accredited educational institutions, with each discipline consisting of one or more Registered Professional Engineers (PE).

### MECHANICAL

- ◆ Process Equipment
- ◆ Utility & Process Piping
- ◆ Industrial Ventilation & HVAC
- ◆ Pipe Stress Analysis

### ELECTRICAL

- ◆ MCC & Power Distribution
- ◆ Cable Tray & Conduit Routing
- ◆ Instrumentation Installation Details
- ◆ Lighting & Grounding
- ◆ PLC & Controls Design

### STRUCTURAL

- ◆ Steel & Concrete Structural Design
- ◆ Buildings, Platforms & Equipment Supports
- ◆ Spread, Mat & Pile Foundation Design
- ◆ Existing Structures Evaluation

### CHEMICAL

- ◆ Emergency Pressure Relief
- ◆ Process Flow Modeling
- ◆ HAZOP / PHA / LOPA
- ◆ Air Dispersion Modeling

### NETWORKS – IT

- ◆ Network Resource Planning & Design
- ◆ Wireless LAN Integration

### ADDITIONAL SERVICES

- ◆ Program Management
- ◆ Project/Construction Management
- ◆ Staff Augmentation



Engineering · CAD / Drafting  
Process Safety · Networks - IT  
Project / Construction Management  
Program Management · Staff Augmentation

## Vision Statement

To be the best place to work in North Alabama. Present a staff that believes in safety, teamwork, total quality, and commitment. Develop sincere and honest relationships with customers to earn their trust and business.

At KEY we are dedicated to creating and maintaining effective partnerships with our clients. We are proud to have worked with the following companies and continue to provide short and long term engineering solutions to these and a growing list of customers.

- 3M
- ARAMARK
- ASCEND
- BASF
- BMSI
- BOEING
- BP CHEMICAL
- CARGILL
- CHEROKEE NITROGEN
- CITY OF DECATUR
- DAIKIN
- DAY & ZIMMERMAN
- DEL MONTE
- GENERAL ELECTRIC
- HEXCEL
- HYOSUNG
- INEOS NOVA
- LINDE CORPORATION
- NICHOLS ALUMINUM
- NUCOR
- OXYCHEM
- PPG INDUSTRIES
- PRATT & WHITNEY
- SAINT GOBAIN
- STEELCASE
- TORAY CARBON FIBERS, AMERICA
- WYLE LABORATORIES

Key Engineering, Inc., conveniently located in the heart of the Tennessee Valley, is a full service, multi-discipline firm providing structural, mechanical, electrical, instrumentation, engineering and design services.



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For more information on Key's comprehensive services, please visit  
**[www.key-eng.com](http://www.key-eng.com)**  
or contact us today.

**KEY**  
ENGINEERING

engineering  
design  
consulting