

Engineering Services

KGI provides experienced engineering professionals with the skills to conduct specialized analyses and evaluations. Our experts help clients ensure the soundness of engineering design documents so that issues are identified and resolved during the design process, minimizing costly changes in the future. We utilize the latest engineering software and processes to provide high quality solutions that meet our client's needs.

KGI services include:

- + Individual and complete system integration
- + Ship and system design
- + Front end analysis
- + Structural design
- + Modeling
- + Static and dynamic analysis
- + System integration testing

Supply Chain Management

KGI develops tailored supply chain solutions that align with your strategic objectives and achieve sustained, profitable growth. Our consultants can unlock value using our Results Delivery© approach to focus on improving supply chain capabilities by ensuring successful implementation, execution and lasting alignment between strategy and design.

KGI services include:

- + Project Management Institute (PMI) programmatic approach
- + Earned Value Management Systems (EVMS)
- + Lean Six Sigma
- + Integrated cost analysis
- + Supply chain evaluation

Energy Management

KGI provides analytical support to optimize the management and allocation of energy resources. Our experts will develop, implement and manage innovative energy management solutions to reduce Scope 1, 2 and 3 greenhouse gas emissions, reduce energy use, increase sustainable building designs, reduce water consumption, increase

renewable energy use and can foster a culture of smart energy stewardship through outreach and training.

KGI services include:

- + Management of Energy Savings Performance Contracts (ESPCs)
- + Management of Utility Energy Service Contracts (UESCs)
- + Management of Energy Services Agreements (ESAs)
- + Management of Power Purchase Agreements (PPAs)
- + Development of Logistics Plans in support of mobile assets and base support missions
- + Fuel logistics, fuel procurement, and fuel quality
- + Technical and financial analysis
- + Development of energy management policy

Management Consulting Services

KGI works with senior level management to support the development of strategic plans and establish realistic measures that assess progress. Our experts work with you to align stakeholders and drive consensus to ensure successful implementation of transformational initiatives such as process re-engineering, organizational design and software implementation.

KGI services include:

- + Individual and complete system integration
- + Ship and system design
- + Front end analysis
- + Structural design
- + Modeling
- + Static and dynamic analysis
- + System integration testing

Data Analytics

KGI consultants can provide you with the expertise needed to make sound business decisions and inform technical requirements as part of the software development lifecycle. We can incorporate the latest data visualization and analytics technologies, establish platforms that interconnect your entire enterprise and deliver Big Data solutions with velocity, variety and veracity.

KGI services include:

- + Actionable Analytics
- + Data Transparency
- + Big Data DevOps

Project Management and Scheduling

KGI provides clients with experienced scheduling engineers who effectively manage schedules, project duration, task sequencing, change management, and cost control.

Our experts help clients improve their company's ability to manage and control project outcomes, align costs with resource allocation, and improve management transparency. KGI will help you ensure alignment between your unique project requirements, capital planning, and delivery schedule while effectively tracking project risks to meet your strategic objectives

KGI services include:

- + Primavera certified project schedulers
- + Maintenance scheduling and planning
- + Internal and external resource management
- + Program lifecycle management
- + Cost accounting
- + financial management