

COMPANY PROFILE



Engineering LLC

Electrical and Information Technology Consulting Services

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Our Mission

We are a client-focused, engineering services company that provides electrical and information technology consulting services to address your new or existing systems. Whether it is developing a new system based upon leading-edge technology or sustaining existing systems, our expertise and experience will support a safe and reliable solution. System sustainment planning and program development completes our overall focus on your operational and maintenance needs to document program requirements, processes, and procedures that can support your corporate policies.

Services

Engineering Analyses, System Requirements Analysis and Trade Studies, and Design

We know how critical it is to understanding your system and functional requirements before managing the development of your physical or conceptual system designs. Our team's design and sustainment experiences in low-voltage power and distribution systems, various computing systems, and automation systems will serve to support your corporate goals in system integration, operational performance, and risk management goals.

Power Quality Analyses

Determination of overall safety and efficiency of your system or facility's power systems.

Arc Flash & Protective Device Coordination Studies

Determination of incident energy and arc flash boundaries for each location in your power system's design will ensure trip times from the protective device settings and arcing fault current values are available for study. These determinations are calculated following the NFPA 70E, IEEE 1584 and NESC standards or requirements.

Program Management Planning and Business Process Development

Initial development and documentation of program management planning is essential for your control of your system cost, schedule, and performance in order to achieve long-term corporate goals. We base our program management and business process models on specific commercial-based standards such as, ANSI/BICSI 002 & 009 and Uptime Institute standards, as well as, government-based standards built under the auspices DoD Directive 5000.01, U.S.C. Title 10, Section 113 and 133.

Experience

RGH Engineering's owner, Mr. Richard Hoag, P.E., has over thirty years of engineering and business management experience that started in the early 1990's North American telecom industry supporting the development and expansion of broadband optical central office equipment to ruggedized radio base station power equipment. And then in the following decades parlaying this experience into aerospace and aeronautical avionics and specialized mission equipment for the U.S. Department of Defense, Air Force.

Our team is currently licensed as Professional Engineers in Oklahoma and Texas specializing in Electrical and Computer Engineering. The firm's reputation is based upon old-fashioned hard work and a creative passion for achieving superior excellence in our consulting services, engineering designs, and relationships with other engineering firms. The future success of our firm will be built upon each loyal clients' relationship and the successful execution of our mission to provide dependable and cost-effective engineering services.