

OUR SERVICES

Delta Systems Engineering, Inc. understands the many dimensions of infrastructure upgrade and design-build projects and the essential roles that quality electrical engineering, construction services and system integration represent. We can define and document how your processes work, determine how to improve operational efficiency, and then help you design, build, and operate your new or improved systems.

Our team of engineers, construction staff, integrators, and support personnel employ their diverse skills to eliminate problematic coordination issues between design and construction phases. Because we routinely provide assessment, design, construction, integration, and commissioning services, you receive seamless supervision and professional implementation. From needs assessment to system maintenance, and everything in between, DeltaSE offers you one-stop shopping.

CONSTRUCTION SERVICES:

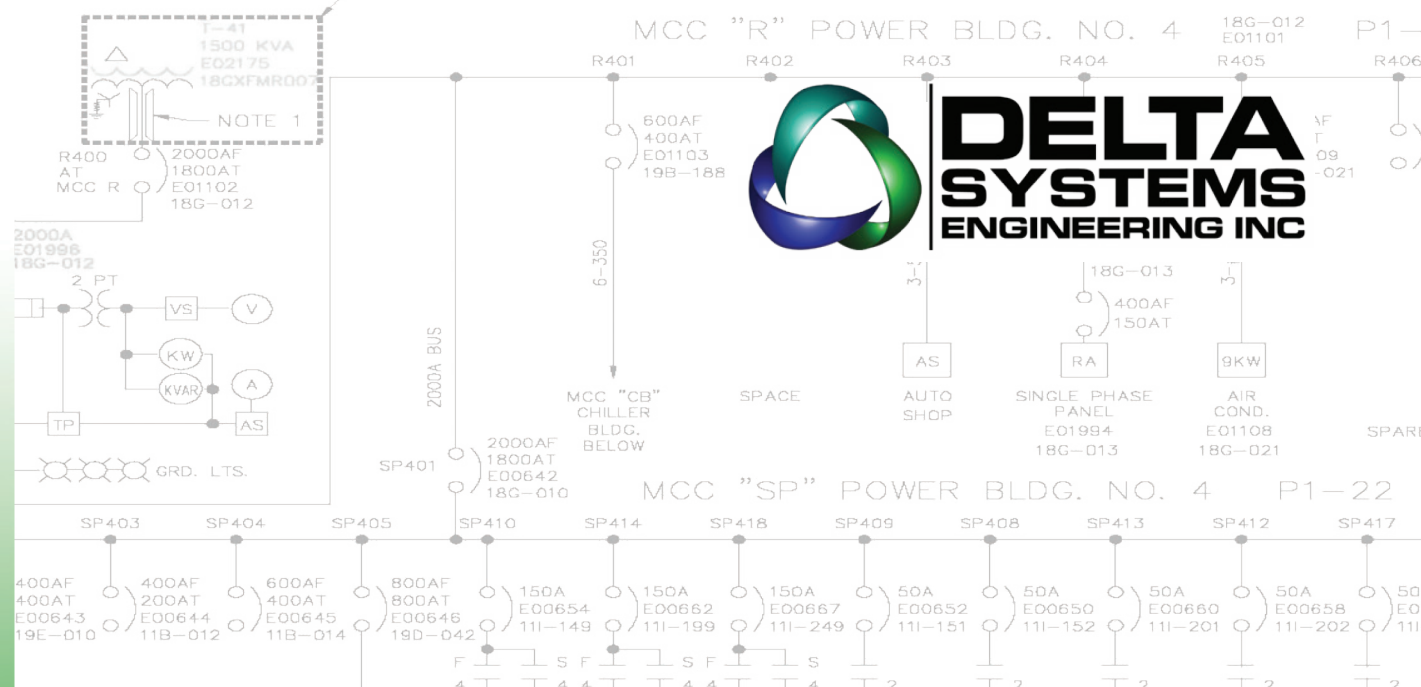
- Bid evaluation/assistance
- Construction management
- On-site observations for design specification conformance
- Submittal/shop drawing review
- Record drawing, operation & maintenance manual preparation and distribution
- Material procurement/equipment purchasing management
- Start-up/commissioning services
- Sub-consultant management
- Instrumentation services: process control loop drawings, calibration reports & loop testing

SYSTEM INTEGRATION:

- Programmable logic controller (PLC) programming
- Operator interface terminal (OIT) programming
- Human-machine interface (HMI) software configuration
- System field start-up & configuration
- Troubleshooting electrical control systems
- On-call SCADA support services
- O&M staff training
- Customized preventive maintenance & annual support service plans
- Network & communication integration

CONTROL PANEL SHOP:

- UL508A Listed control panels & assemblies
- On-site startup assistance & technical support
- Complete engineered systems
- System integration & testing
- Network, wireless & communication equipment
- System configuration
- PLC, HMI, SCADA, OIT & network programming
- Engineering calculations
- Engineering reports



Contact Us

Our team members at DeltaSE are always available for our Clients. Please contact us at anytime with any questions, comments, or inquiries.

Toll Free: (888) 893-5437

Arizona

Tel. (602) 266-4658 (Phoenix)

Nevada

Tel. (702) 730-2022 (Las Vegas)

California

Tel. (760) 560-0670 (Oceanside)

Tel. (949) 273-8773 (Irvine)

www.DeltaSEInc.com

Design Services

Scan this QR -Code



to visit our Website



“Providing sound and proven, yet innovative, design and integration services for the electrical and control systems used by our clients.”

Project Delivery Solutions

DeltaSE has experience working on CM@Risk and Design-Build teams. For electrical and SCADA projects, we offer design-build services that allow you to take advantage of our firm's experience in designing, procuring, integrating, and commissioning industrial control systems in the water and wastewater field. We can either subcontract to your general contractor or serve as your prime engineer.



Quality Results Every Time



We have developed and implemented a quality management system in order to document the company's best business procedure, better satisfy the requirements and expectation of our customers, and improve the overall management of the company. From planning through design, construction, operations, and management, we approach each project with quality in mind.

Expertise and Dependability

Our staff's expertise is in electrical engineering (including arc flash hazardous services), instrumentation, and control system integration in the water/wastewater industry.



Supported by professionally registered electrical engineers and certified programmers, DeltaSE can respond quickly to solve problems day or night. We coordinate, plan, and maintain open communication among our integration and management team throughout all our projects to ensure the best quality product and services are delivered to our clients.



“Our diverse knowledge base facilitates sharing of ideas and information, strengthening our ability to help keep your systems running efficiently and reliably.”

DeltaSE provides detailed SCADA strategies and design services in close liaison with our clients.

When you hire DeltaSE, you gain access to a vast resource pool of professionals with years of experience in telemetry applications. We specialize in wireless communication systems for your remote monitoring and control needs. With our custom designed wireless systems, you no longer need to be at your computer terminal to monitor your SCADA system. We can create a mobile wireless SCADA system that allows you to move freely around your plant, city, state, or even the world, and still stay in contact with your process using your laptop or palmtop computer.

Request more Information today!

888-893-5437

Instrumentation and Control System Design

You rely on instruments that measure a multitude of process variables and provide you with feedback on how your system is operating. If those instruments are misapplied, poorly installed, out of calibration, or unreliable, you know it can lead to serious operational problems and costs. Those same instruments are also crucial to the proper function of your control systems.

DeltaSE was built by skilled engineers, control system programmers, and technicians who have many years of industrial field experience. We've worked in water plants, pump stations, manufacturing facilities, semiconductor fabrication plants, and the mining and power generation industries. We know what works, and we have been hired by our clients to replace systems that did not.

Featured Services

- Ⓞ Power distribution system design
- Ⓞ Control panel fabrication design
- Ⓞ Power system analysis
- Ⓞ Emergency and standby power systems design
- Ⓞ Report preparation and cost estimating
- Ⓞ Control system network design
- Ⓞ Wireless network studies and design
- Ⓞ Energy use assessment and management
- Ⓞ Lighting system design
- Ⓞ SCADA system master planning, design, and configuration
- Ⓞ Arc flash, short circuit, load flow, coordination studies
- Ⓞ Personal protective equipment and hazard labeling

