



Systems Integrated continually evolves with the forefront of technology delivering solutions that put our customers in control. Our experience spans a wide range of industries including power generation / electric utilities, water/wastewater utilities, transportation and communications. By focusing on solving complex problems across diverse areas of applications, we have gained the



knowledge and proven abilities to assess our customers' needs and choose from the broadest assortment of technical options, to derive the most effective solution. SI is accustomed to projects that require various generations of existing equipment to be integrated with the new technologies. We know how to take disparate pieces, fit them together, optimize performance and deliver a seamless, maintainable system that provides growth without disruption.

Throughout the various stages of a project, SI has the capability to support our customer's objectives – from strategic planning in engineering, to field installation with construction, acceptance testing and customer training - whatever resources are needed, SI can apply to ensure a successful outcome.

SI has successfully completed projects across the United States and internationally throughout Asia and Latin America. Project size runs the gamut from small, single site or pilot projects to large scale, covering thousands of points over miles of area. SI's operations in Orange and San Diego Counties are the bases for administration, sales, engineering, manufacturing, testing and customer training.

SI's leadership team has a broad range of experience in the systems integration industry and has been working together for over 25 years. This experience brings unique insights that combined with our superior professional staff allow us to consistently exceed our customers' expectations. This core team is directly involved in every project from start to completion. This involvement by senior company management means that every project manager has access to the resources and support to make every project completely successful.

Solutions that exceed expectations and provide a growth path for the future, is what Systems Integrated delivers to our customers.

The Keys to Our Success

Understanding a problem, with its inherent factors and desired result, is SI's starting point on each project. SI works closely with the customer's team to gain a detailed knowledge of their operational environment, as well as to understand their desired objective for the new system. SI performs site visits; investigates the current system with the operators and engineers; performs simulation testing and any other necessary activity to effect the successful outcome of the system.

Designing a solution that works requires creativity and experience. SI engineers have years of experience developing systems that will achieve sustained benefits for our customer. We evaluate hardware, software and communications for the system taking into consideration long term supportability; reliable and proven technology security; expandability, and user-friendly operation.

Reliable and secure network communications is critical to the operations of the control system. SI has the experience developing LAN & WAN infrastructures using a variety of media such as fiber optic; licensed & non-licensed radio communications, and satellite to provide a secure communications infrastructure.

Building a system engineered by seasoned and experienced system designers guarantees success. SI builds on a foundation of standard software and hardware products in the implementation of our solutions. Forethought about the equipment layout and future field constructability during this stage provides SI with the ability to rapidly deploy the system at the project site: resulting in a working system delivered on time and in-budget.

Integration with existing equipment or building a new system to improve operations, we focus on achieving maximum throughput and optimal linkage across all system elements without disruption to the 24/7 operations. SI's mechanical, electrical and software engineers work together to perform the integration that transforms the design into the operational system. Each part is built and tested to functional standards to which all components, nodes and/or operating systems must comply. Important factors to our evaluation include ease of use; reliability of system architecture. The result is a fully integrated working solution

Testing occurs during all phases of the project – building, factory acceptance, field deployment, and through the final, complete system installation.

SI Locations

Corporate Office

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Engineering & Manufacturing

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SI Core Strengths

Energy

Systems Integrated provides complete automation services for utilities with needs in their substation, distribution and hydroelectric facilities. Our services include engineering, installation, test and support for hardware, communication links and software necessary to connect the facility to your control room. In your substation, out on the pole or inside the hydro plant, we have the expertise to install RTUs, PLCs, IEDs and custom hardware for legacy systems to instrument the facility. Inside the control room, we provide computer based systems that allow the utility to monitor and control their facilities, automate decision making, optimize load distribution and implement a number of load control strategies.

Environmental

SI designs, constructs, configures, installs and supports Supervisory Control and Data Acquisition (SCADA) systems for water and wastewater utilities. Our electrical, mechanical, application and quality assurance engineers develop the most effective solution for our customers, applying an agnostic approach for providing hardware and software solutions. From field instrumentation up to the control room, a complete system can be provided.

Transportation

Our transportation group works closely with City, County and State transportation agencies to providing complete turnkey solutions for their Intelligent Transportation System (ITS) communication network. A successful ITS implementation relies on a seamless communication network connecting traffic intersections along a corridor to enable the intelligence function. SI's transit group is comprised of engineering and installation staff experienced in complete wire, wireless and fiber optic communication solutions for implementation of an ITS.

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