

master planning

ssoe[•]. making clients successful.



Why SSOE? The SSOE Experience is the combination of our Value Promise and Great Client Service that results in trusted relationships.

To consistently exceed clients' expectations is a common goal in our industry. So, how is our promise of outstanding performance any different from others? We have proof. Greater than 98% of clients we surveyed would recommend SSOE Group to a colleague. And more than 150 of our clients have been with us for at least 20 years. These endorsements are a result of our Great Client Service—our corporate-wide commitment to understand and exceed your expectations and deliver unexpected benefits.

For decades, we've found ways to deliver greater value to clients. You can count on us to deliver high quality projects, on schedule, with fewer problems, and for lower total cost to save you time, trouble, and money. Through this Value Promise SSOE returned 105% of our fee to clients in the form of project savings over the last 5 years.

Advantages

- Our master plans reflect your short and long term business issues associated with developing new facilities including capital constraints, operational efficiencies, and market position.
- We approach your facility challenges creatively in order to identify unexpected opportunities.
- As a multi-disciplined firm, we draw on our in-house experts from all disciplines to assure the plan's completeness.
- No plan is too limited or too complex for SSOE. Our experience covers everything from single sites to multiple, complex global sites. We devise strategic plans that include trend forecasting as well as sustainability plans that lead to energy savings.

"The master plan more than paid for itself. In the design phase SSOE found ways to use the space more efficiently which increased the capacity of each building from 300 to 400 people. SSOE saved US Xpress \$6.5 million by reducing future building costs."

Kevin Schopf Facilities Planner for US Xpress

Representative Clients

- Abbott Laboratories
- Clorox Company
- Dana Corporation
- GrafTech

- The Hershey Company
- Honda of America Mfg.
- Kenworth Trucking Company
- Knauf Fiber Glass

- Lochinvar Corp.
- Marathon Oil
- TG North America



SSOE Group's Master Planning Phases[©]

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Assessment	Critical Issues	Development Options	Strategic Priorities / Implementation Requirements
 Strategic direction Program priorities Current inventory Industry trends New technologies Local market trends Competitive market position 	 Strategic issues Building / Site deficiencies Material flow through plant Adjacencies Infrastructure Projected space requirements 	 Potential development schemes – alternative scenarios Block diagrams Evaluation criteria – priorities Expansion potentials Capital estimates 	 Selection of preferred development scheme Capital requirements Implementation schedule Phasing and operational implications

- Volume projections
- Site / Facility evaluations
- Code requirements
- Capital constraints
- requirements
- Parking needs
- Code compliance
- Phasing considerations

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Locations

Albany, NY Alliance, OH Atlanta, GA Birmingham, AL Chandler, AZ Chengdu, China Cincinnati, OH Columbus, OH Hamburg, Germany Huntsville, AL Kalamazoo, MI León, Mexico Lima, OH Midland, MI Monterrey, Mexico Mumbai, India Nashville, TN Omaha, NE Penang, Malaysia Portland, OR Raleigh-Durham, NC Riverside, CA St. Paul, MN Santa Clara, CA Shanghai, China Shenzhen, China Toledo, OH Troy, MI Washington, DC

Markets

Energy Life Sciences Manufacturing / Process Telecommunications

Services

Architecture Construction management Data / Fire / Security Energy consulting Engineering Master planning Procurement Project / Program management Site selection Tool install Virtual Design and Construction

Rankings

Engineering News-Record (ENR)

- Top 5 Automotive Plant Design Firm for the past decade
- Top 5 Semiconductor Design Firm for the past 5 years
- Top 10 Food and Beverage Design Firm for the past decade
- Top 10 Manufacturing Design Firm for the past 6 years

Building Design + Construction (BD+C)

- Top 10 Engineering / Architecture Firm for the past 5 years
- Top 10 Industrial Engineering Firm for the past 5 years
- Top 15 BIM Engineering Firm for the past 6 years

Named "Best AEC Firm to Work For" (Building Design + Construction)

Named a "Great Workplace" (Great Place to Work®)

SSOE Facts

- SSOE was founded in 1948 and currently has more than 20 locations worldwide.
- We are a global project delivery firm for architecture, engineering, and construction management, with projects in 40 countries.
- SSOE offers program management services from design through construction, to commissioning and start-up, for seamless project delivery.
- SSOE's focus is using the appropriate project delivery method for your goals, including Virtual Design and Construction (VDC), which brings our clients better and faster results through more integrated teams and advanced technologies. Even when a more traditional delivery model is used, you'll see significant benefits from the collaboration strategies and technological capabilities our leadership in VDC necessitates.



www.ssoe.com



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