



FIELD INSTALLATION TEAM FOR PROCESS ANALYTICS

Optimize installation of analytical systems and reduce total cost of ownership

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To maximize return on investment and lower total cost of ownership (TCO), it is critical that end users identify upfront optimal installation solutions for process analytics systems.

Field installation—an important part of the planning phase for the implementation, modification, or upgrade of systems—offers end users the best opportunities for realizing significant cost and time savings without sacrificing plant performance. In the early stages of a project, installation design is dynamic and flexible, which enables you to evaluate more options and compare various scenarios. The Construction Industry Institute reports that robust project planning can reduce costs by 20% and completion timelines by 39%, compared to projects executed without the same level and quality of planning.

The Field Installation Team (FIT) at Siemens Gas Chromatographs and Integration (GCI) can help with the addition or modification of processing equipment while maintaining focus on plant efficiency, reliability, availability and safety. With a unique blend of expertise in analytical technologies and installation applications, we provide a wide spectrum of installation and consulting services for clients across diverse process industries. We identify and design optimal solutions for your operation—whether it is Siemens or third-party analytical technologies—and ensure your equipment is installed properly, which saves time and materials, and reduces both upfront costs and TCO.

Read more to find out why we are the right FIT for your operations.

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FIT for cost savings and greater efficiency



Studies and practical experience have demonstrated that a careful installation design and walk down greatly impact costs and speed of completion for installations or modifications of analytical systems.

Installation Design for Process Analytics Systems

Walk downs help prevent delays during installation by determining time and material, outlining space and utility requirements, and identifying tools and consumables that will help with start-up, heat-dissipation requirements, temperature/humidity/altitude, gas supplies, heat trace lines, and tubing layouts and runs. Our careful attention to these details reduces time and material costs associated with installations.

Communication Systems

We ensure that analyzers interface with networks or fieldbus systems, remote maintenance systems, and diagnostics to convey vital information about your operations without delay.

Regulations and Standards Compliance

By adhering to all regulations and standards for our industry, we improve quality, prevent errors, and reduce the need to re-do tasks, which results in greater overall efficiency. In addition to regulatory compliance, our customers trust all FIT work is done with the highest ethical standards, which is a foundation of the Siemens brand.





A FIT Partner

Modular Services

With extensive experience and expertise in all areas of process analytics, Siemens GCI offers a wide scope of FIT services to process industries such as oil and gas, pharmaceuticals, cement, power and chemicals for many types of projects:

- New analytical systems and solutions
- Upgrades of analytical systems
- Standardization and modernization of analytical systems



Our FIT activities involve close interactions with end users. From initial assessments of situations to conducting studies, producing concepts, and creating a detailed design for optimal analytical solutions, we consult with clients throughout the project life cycle. When upgrading analytical systems, we visit the plant and evaluate the condition of existing equipment in close cooperation with end users before recommending a strategy for renovation or replacement.

Broad Reach and Resources

With extremely qualified and knowledgeable people, and backed by the resources of a large organization, our FIT services offer many attributes that make us an ideal partner for end users of any analytical system:

- **Installation expertise**

As a manufacturer of a broad variety of analyzers, we are well versed in the engineering and manufacturing of all analytical systems and shelters. We have a deep understanding of communication networks and of many industrial processes and industries, and we are well trained in service and maintenance. This gives us a unique blend of overall analytical expertise and experience. Our multidisciplinary teams deliver successful and complete measurement solutions, even for demanding analytical applications.

- **Global presence**

With our strategically located centers of competence in the U.S., Germany, Singapore, Dubai and Shanghai, our reach extends around the world and enables us to service projects in any location. We are acquainted with all respective local and regional requirements, codes and standards. All centers are networked together for global project collaboration.

- **Complete life cycle service and support**

With our large service and support portfolio, we can assist throughout the life cycle of your analytical equipment. Customized service contracts and on-site service by experienced professionals help to reduce downtime and ensure optimal operations. We also offer a support hotline and a comprehensive selection of on-site training courses.

The right FIT for end users

Benefits

Our FIT services for process analytics systems can enhance your operations in many ways:

- Analytical application and industry expertise available right from the beginning of a project
- Established procedures and know-how lead to realistic and more informed investment decisions
- Streamlined project management and coordination effort due to one responsible contact person
- Additional expertise on demand, without incurring the costs and risks associated with building up in-house capacities
- Detailed analyzer system specifications, drawings and documentation for clear and concise project execution
- Lower possible TCO along the entire life cycle, including investment costs, consumptions, utilities supply and maintenance



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