

GT STRUDL®

Frequently Asked Questions

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About Intergraph

Intergraph Process, Power & Marine (PP&M) is the leading global provider of engineering software for the design, construction, and operation of plants, ships, and offshore facilities. Intergraph PP&M is one of two divisions of Intergraph Corporation. Intergraph is part of Hexagon.

Who uses Intergraph software?

Nine out of ten of the world's major engineering firms and corporate owner operators use Intergraph products. They know our products are accepted as industry standards for design and engineering, so they are assured of proven solutions that are used and accepted worldwide by their peers. For more information, please visit www.intergraph.com/ppm.

About GT STRUDL

GT STRUDL is a high quality, fully integrated and database driven software system for general frame and finite element analysis and comprehensive structural engineering design. For more information, please visit www.intergraph.com/go/gtstrudl.

What are the main benefits of using GT STRUDL?

GT STRUDL enables you to create and implement efficient and accurate strategies to solve complex structural engineering problems. Main benefits include:

- Bi-directional interface to Intergraph Smart™ 3D.
- CIS/2 analysis data interface.
- Conformance to nuclear industry QA/QC standards and regulations.
- Linear and nonlinear static analysis.
- Linear and nonlinear dynamic analysis.
- High-performance static and dynamic analysis equation solvers.
- Steel frame design features.
- Base plate modeling and analysis.
- Reinforced concrete design features.
- Offshore structure analysis and design.
- User control of the iterative analysis/design process.
- Database management of all model data and analysis results.
- Corporate structural engineering problem solving strategies can be effectively implemented.
- More cost-effective, productive, and reliable structural engineering processes.
- Comprehensive and detailed user documentation.

GT STRUDL – The Right Tool

GT STRUDL is one of the most widely used, fully integrated, and adaptable structural analysis solutions in the world. The software has a proven track record in a variety of application areas such as nuclear and conventional power generation, onshore and offshore facilities, marine, civil engineering, and infrastructure. GT STRUDL offers engineers accurate and complete technical data they need for cost-effective and efficient structural engineering and design decision-making. GT STRUDL is **easy** to use, and an **integrated** and **scalable** solution.

Why is GT STRUDL “easy”?

The intuitive workflow of GT STRUDL assures you can extensively control the iterative analysis and design process. The power of GT STRUDL allows projects to be fast-tracked, saving hundreds of training, engineering, and design hours, not to mention administrative overhead costs.

Why is GT STRUDL “integrated”?

Intergraph is unique among software providers in that we are developers of both design and engineering software. This has given us the opportunity to integrate the two product families at the tightest possible level, an area in which Intergraph has continued to lead the industry for the past 15 years. The intuitive bi-directional links between GT STRUDL and Intergraph Smart™ 3D allow designers and engineers to seamlessly collaborate during the project design stage.

The seamless integration enables users to maintain accurate and up-to-date drawings and models, which provides at least three benefits:

1. The “enter once, use many times” philosophy saves the time and expense of re-generating the model by each of the project’s data consumers.
2. Models automatically generated from the Smart 3D plant model will have much greater accuracy than would models recreated for each specific task.
3. Synchronization of the design and analytical models assures engineering concurrency.

Why is GT STRUDL “scalable”?

GT STRUDL is a scalable solution because it combines ease of use and quick startup with full functionality and extensive integration and data management and sharing capabilities.

This allows GT STRUDL’s capabilities to be scaled according to project demands. Smaller, simpler projects can take advantage of GT STRUDL’s rapid startup and small overhead needs to meet tight timelines and budgets. Larger, more complex projects can take advantage of GT STRUDL’s automation, integration, quality, functionality, and power to reap downstream savings. Most importantly, GT STRUDL’s additional capabilities can be implemented incrementally, as needed, to match the sophistication of your project or the skills of your staff – in contrast to the “all or nothing” approach that many competing applications impose.

Compatibility

Does GT STRUDL work on 32- and 64-bit platforms?

Yes. GT STRUDL supports both 32- and 64-bit computers.

What are the power user suggested requirements?

- Processor – Dual Core 2 duo (E6850) 3.0ghz (supports 1333mhz FSB).
 - Ram – 16gb (ddr3-1333).
 - HDD – WD Raptor 150gb 10,000 rpm (SATA).
 - Graphics Card – Nvidia Quadro FX1700.
 - CD/DVD – Liteon DVD/CD writer (SATA).
 - MB – A motherboard that supports FSB of 1333mhz (ex.ASUS P5K64 WS).
 - OS – Windows 8, 7, Vista, XP Pro.
 - Monitors – 19” or 20” that support DVI.
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- Processor – Xeon Quad Core 3.0ghz (supports 1333 FSB).
 - Ram – 16gb (ddr3-1333).
 - HDD – WD Raptor 150gb 10,000 rpm (SATA).
 - Graphics Card – Nvidia Quadro FX5600.
 - CD/DVD – Liteon DVD/CD writer (SATA).
 - MB – A motherboard that supports FSB of 1333mhz and Quad Xeon (ex. SuperMicro X7DVL-L).
 - OS – Windows 8, 7, Vista, XP Pro.

Evaluation and Demonstrations

Can I try a free evaluation?

Yes. Free evaluations are available. The trial permits use of the product on small structure models. The second option is a free 30-day full license. This license is for those interested in more applied evaluations of the product. The 30-day evaluation gives users unlimited restriction and access to all product features.

I would like more information. Can I schedule an online web demo?

Yes. Please contact us to arrange an online web demonstration at your convenience.

Can my local reseller or by Intergraph make a live presentation?

Yes. Intergraph and its resellers have personnel who provide live product presentations that answer simple to complex technical questions and who understand project workflow-specific questions.

Licensing

Can I purchase or lease the products?

Yes. You can purchase a perpetual license. You can also lease in terms ranging from three months to one year.

What is a hardware lock?

Hardware locks are software-locking mechanisms used by many software vendors. These are small USB keys that attach to the USB port of the computer.

Will my hardware lock license expire after a year?

A perpetual license of GT STRUDL will never expire. When customers purchase GT STRUDL, they receive a perpetual license.

Can licenses be purchased for a single user?

Yes. Standalone licenses may be purchased for one user.

Can multi-seat licenses be purchased?

Yes. Multi-seat licenses are placed on a network lock.

Support and Training

What are the benefits to choosing support?

GT STRUDL maintenance includes program updates and qualified technical support from the reseller and Intergraph. Learn more at support.intergraph.com.

Does Intergraph offer local support?

Yes. Support for GT STRUDL is offered globally or by region.

Do local resellers and representatives host training?

Yes. Training for GT STRUDL is offered globally or by region.

Can customers receive in-house training?

Yes. In-house training for GT STRUDL is offered globally.

Product Enhancements

Who has access to the latest GT STRUDL updates and enhancements?

All users with current maintenance contracts have access to the latest updates.

Get Involved with GT STRUDL

Can customers submit product enhancement requests directly to Intergraph?

Yes. Everyone may submit product enhancement requests. Intergraph interacts with and listens to customers, then responds by developing new solutions and enhancing current products to address customers' needs in ways that improve their work processes. This customer-centric focus helps us to grow our product line to serve an ever broader base of users and applications, which in turn further increases opportunities for our clients to enjoy the benefits of interdisciplinary collaboration with other departments and organizations.

How are these enhancement requests monitored?

Enhancement requests are evaluated and prioritized based on a given industry and market. Intergraph prioritizes requests based on the highest priorities of industry requirements.

How can I register to beta test GT STRUDL next year?

Every year Intergraph looks for beta testers. If you are interested in participating, please email us.

Online Resources

How can I connect with Intergraph on social networking?

Stay updated on the latest news from Intergraph through your favorite social networking sites:

LinkedIn www.linkedin.com/groups?mostPopular=&gid=127267

GetSmart! Blog blogs.intergraph.com/getsmart/

Facebook www.facebook.com/intergraph

Twitter twitter.com/Intergraph

YouTube youtube.com/intergraphcorp

How can I keep up-to-date on GT STRUDL news and events?

Sign up for our news and updates at forms.intergraph.com/PPM-OnlineNewsSubscriptionMgtCtr.

More Information

For more information about any of these topics, please email us at gtstrudl@intergraph.com.

For more information about Intergraph, visit our website at www.intergraph.com.

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