

Q: What is SmartPlant[®] Electrical?

SmartPlant Electrical, an integrated solution within the SmartPlant Enterprise suite, addresses the electrical power distribution network needs of the entire life cycle of the plant, from concept to detailed design through operations and maintenance, including startup, continuous operation, emergencies, and shutdowns.

Q: How does SmartPlant Electrical work?

SmartPlant Electrical is available in two separate modules that cover the complete scope of electrical engineering and design. SmartPlant Electrical Basic (B) focuses on the design and validation of the electrical distribution network, including validation and analysis of the design, load balancing, cable sizing and automatic creation of associated deliverables. SmartPlant Electrical Detailed (D), powered by SIGGRAPH.CAE[®], focuses on the schematics, panel design, PLC configuration and wiring. Cable data can be moved through SmartPlant Electrical to Smart 3D for cable management. SmartPlant Electrical also integrates with complementary applications such as SmartPlant Instrumentation and SmartPlant P&ID to create optimal workflows.

Q: Why is the name of SIGGRAPH.CAE changing?

The expansion of SmartPlant Electrical into two discrete modules capitalizes on the strengths of Intergraph's solution and the integration of its acquired SIGGRAPH.CAE software application for electrical and process control engineering, which has a significant market presence in the global oil and gas, metals and power industries. Also, the new name better identifies the scope of the solution.

Q: What are the benefits from this change?

SmartPlant Electrical Basic and Detailed solution modules provide expanded wiring, cabling and detailed design functionality for improvement across the engineering and schematics solution to enable designers to increase safety, quality, and productivity while accelerating projects. EPCs and owner operators will benefit from having additional details on wiring schematics for troubleshooting and maintenance projects.

Benefits include integration between the products and the flexibility to perform either basic or detailed engineering or both depending on your scope of work. Licensing options give you the ability to mix and match your basic and detailed tasks. This change reflects Intergraph's continued commitment to the electrical tasks as part of the SmartPlant Enterprise, and with that, the integration with SmartPlant P&ID, SmartPlant Instrumentation, Smart 3D, and more.

Q: Will SIGGRAPH.CAE still be supported?

Yes. We remain committed to our customers. Intergraph will continue to support the SIGGRAPH.CAE products under the current terms of existing customer maintenance agreements.

Q: Who do I call for support?

Your support services remain the same.

Q: What will happen to my SIGRAPH.CAE data investment?

We remain committed to our customers' success. Data created with SIGRAPH.CAE will be brought forward to SmartPlant Electrical D. This also includes reference data, such as symbols, -and related data that are required to maintain data integrity.

Q: What will happen to my SIGRAPH.CAE customization and reports investment, including rules, report templates, symbols, and reference data?

Reference data created with SIGRAPH.CAE will be brought forward to SmartPlant Electrical D. Customizations created through the delivered API will be supported in the path forward. Over time, the data model may be enhanced, so reports may need to be updated and/or modified to work. We have no control over how your customized reports were developed, but we will work with you to minimize any deliverables impact.

Q: Will the two modules be integrated?

Yes. Integration between the two tools is a natural milestone of our vision and strategy to merge the two into a single, state-of-the-art, comprehensive electrical solution. We will create a bi-directional integration to support innovative work processes to help efficiently execute the electrical tasks.

Q: Will both modules of SmartPlant Electrical be integrated with SmartPlant Enterprise?

Yes. Both SmartPlant Electrical B and SmartPlant Electrical D will be integrated with SmartPlant Enterprise to support an integrated workflow between the two modules, with the entire SmartPlant Enterprise suite. For example, this means that the electrical network and cables created in SmartPlant Electrical B will be consolidated in SmartPlant Electrical D. Plus, SmartPlant Electrical data and documents will be published and retrieved to and from SmartPlant Enterprise.

Q: Can I buy or lease SIGRAPH.CAE?

Existing SIGRAPH.CAE customers may continue to purchase or lease SIGRAPH.CAE licenses. New customers can take advantage of the new SmartPlant Electrical, which consolidates several smaller SIGRAPH.CAE modules plus the new SmartPlant Electrical Detailed module, which offers seamless interfaces with SmartPlant Enterprise for even greater benefits.

Q: Does this mean I need to buy two products to perform electrical tasks?

No. Depending on your scope of work, you can buy or lease just one module. If your scope covers both basic and detailed electrical engineering, you can use your SmartPlant Electrical license to check out either the SmartPlant Electrical B or SmartPlant Electrical D module for usage.

For example, if you have five SmartPlant Electrical licenses, your module usage might look like this:

	Number of Licenses Used	
	SmartPlant Electrical Basic	SmartPlant Electrical Detailed
Day 1	3	2
Day 2	1	4

We believe this offers great flexibility to cover the complete electrical scope with the two modules under the main SmartPlant Electrical solution.

Q: How does this change affect license options?

We will offer flexible licensing options to use either of the two modules under the SmartPlant Electrical license key.

If one or more licenses of SmartPlant Electrical is bought or leased, it allows the user to check out either SmartPlant Electrical B or SmartPlant Electrical D up to the number of licenses bought or leased. For example, if 10 licenses are purchased, any combination of the two modules can be used, up to 10 concurrent seats.

Existing SmartPlant Electrical customers who want to use the SmartPlant Electrical D module will need to obtain at least one seat of the SmartPlant Electrical D module to enable this new licensing.

Q: Can I exchange a SmartPlant Electrical license for a SmartPlant Electrical Detailed license?

Yes. As stated in the previous response, you can purchase or lease just one of the modules to suit your workflows. This offers a great benefit if your work scope covers either only basic or only detailed design.

Q: Can I exchange a SIGRAPH.CAE license for a SmartPlant Electrical Basic license?

License exchanges will be performed on a case-by-case basis. We want to give our existing SIGRAPH.CAE customers an option to upgrade to the new SmartPlant Electrical Basic and/or Detailed licenses. Please contact your sales representative for more details.