# Why Implement with GSC for SOLIDWORKS Electrical

OK, so you're wading into the shallow end of the pool on this intelligent schematics topic...and you have questions. Is training all I need? What about my specific design style and unique needs? What questions should I even be asking?

We're not here to just train you on the essentials and throw you into the deep end of the pool; we pride ourselves on taking our in-depth knowledge of the tools and applying them to your specific needs and industry!

I like to think of SOLIDWORKS Electrical as an "open source" software. Now, that's not what it is in reality, but it has nearly unlimited capabilities to handle your needs that you can go in any number of directions. In fact, not ONE of the hundreds of companies we've worked with has implemented SOLIDWORKS Electrical exactly the same, and we have the depth of knowledge necessary to help you with your unique needs. We can help guide you through the "open source" waters.

At GSC, we consider implementation an essential part of your electrical startup...so what exactly IS implementation? We break it down to be the following, and coach you every step of the way until you're fearlessly diving in for yourself. You will:

1 Receive comprehensive training

2 Install SOLIDWORKS Electrical

3 Build your template (title blocks, wire lists, marking, and reporting)

4 Be guided on your Library – given best practices and most efficient workflows for importing or creating footprints, parts, and symbols

5 Mentored continuously – walked through putting together your first project to your standards with your items

6 Interviewed by GSC for intimate familiarity with your approach and process so that tackling future needs is a much smoother conversation

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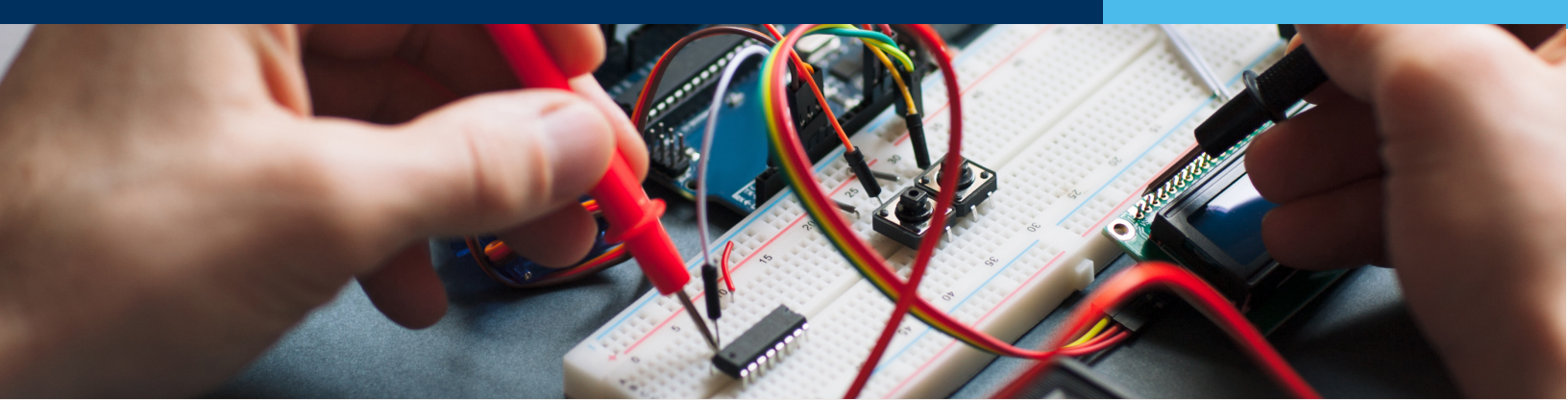
TRAINING

Training is a common prerequisite to getting up-to-speed on any new tool you would use. The GSC difference is offering training with online or in-person options. We offer either training with an instructor online, with the flexibility to fit into your schedule and in the comfort of your own home or office, OR the option of in-person hands on instruction at one of our facilities. This is the first step into the larger world of SOLIDWORKS Electrical, and our focus is to teach you "how the software thinks."

While the training manual covers a host of topics during our SOLIDWORKS Electrical Schematic class, we fill in the gaps that many new users experience when working in the tool for the first time. We have testimonials of beginners or new users who are brand new to the tool, all the way through to testimonials of experienced users of SOLIDWORKS Electrical who still find our training to be a valuable investment. It's an essential starting point for what lies ahead!

TEMPLATE BUILDUP:

The Template in SOLIDWORKS Electrical is a starting point for your unique project style. And getting that template built to your standards and specifications takes a bit of know-how. How do you set up your Title Blocks? What types of wires do you need? What unit system / industry standard do you or your customers expect? How do I get all of this automatic behavior I keep hearing about?

We'll get you on the fast track to a working foundation for your projects, preventing issues that many miss!

INSTALLATION

I recently jumped on a support call with a user who had taken a crack at setting up the Electrical installation on their own. Several of the settings were pointed to operate locally so the users would have been unable to smoothly share project progress or library files. They would have been right back where they started with their old tools!

SOLIDWORKS Electrical has a few variables to consider when installing. If you plan to work collaboratively, you'll need a host server that client users connect to. We help set up the clear understanding of the requirements of the network environment and guide you through the server and database installation (no additional license needed!), while directing the users to fluidly interact with each other via that server. If you have specific needs with remote users or the Electrical 3D add-in, we'll make sure your setup has taken all of these factors into account.

An ounce of prevention is worth a pound of repair, and getting started right saves you lots of time down the road correcting mistakes you didn't know you were making! I've had a fair number of times I've been called in to help customers who worked on their own custom environment or library setup, and fixing the issues took far longer than if we'd have been there from the start!

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LIBRARY GUIDANCE

Next, we work together on getting specific elements built into the library to make your designs capture your SPECIFIC look, feel, and information. While the training course works through examples, having a steady hand at the wheel who knows the road ahead (whether for importing data or creating new items from scratch) can save you time in the long run.

First, we strategize to set your library and categories up to your preference. Then we recommend picking a few "middle of the road" parts, symbols, and footprints and teach you how to get them in, get them aligned with each other, and put them into drawings for testing. We walk through examples together, give you homework, then review and course correct where needed. We love to pass on our knowledge and "teach you to fish." Save everyone (mostly yourself!) a headache and avoid the "I did a 100-page project, but nothing's showing up in my reports, can you help me?" phone call.

PROJECT MENTORING

Whether you're laying out page after page of automation, robot cells, power systems, chassy harness wiring or any wiring diagram, we'll make sure the project comes together according to you or your customer's requirements.

By now, you have a template to start your project on the right foot and a handle on adding to your library, so putting things together is the last, and the most fun, part of the process. We meet regularly to go over progress and questions, covering anything unique to your designs like PLC layouts, terminals, labels, markings, reporting and more.

Your first project won't be the fastest as you learn the flow, but with our help you'll be using things like macros to reuse big chunks of design. And your second and third projects will start to reap all the rewards of the prep and planning!

GSC fuels customer success with 3D engineering solutions for design, simulation, data management, electrical schematics, PCB, technical documentation, and 3D printing, as well as the most comprehensive consulting, technical support, and training in the industry. As a leading provider of SOLIDWORKS solutions and Markforged 3D printing technologies, GSC's world-class team of dedicated professionals have helped numerous companies innovate and increase productivity by leveraging advanced technologies to drive 3D business success. Founded in 1989, GSC is headquartered in Germantown, WI.

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