



**ENGINEERING SPECIALISTS** INC.

Providing Technical Engineering Services Worldwide Since 1974



KNOWLEDGE & EXPERIENCE YOU CAN TRUST

## Control Panel Design & Manufacturing

Today's industrial marketplace is fast-paced and manufacturers are constantly challenged to do more with less. When we talk to manufacturing leaders, some of the most common roadblocks they face are:

- Staffing challenges on engineering teams/shop floor
- Increasingly unfavorable payment terms with their customers
- Changing certification requirements and technology are difficult to keep up with

Many successful manufacturers have found that utilizing a CSIA-certified system integrator for control panel design and manufacturing is a great way to maximize their efficiency.

Here are some of the reasons our partners choose Engineering Specialists to support their teams:

### **Capacity:**

Engineering teams everywhere are being challenged to do more with less in shorter timeframes. Engineering Specialists has been successful in taking system design work off the plates of talented engineering teams so they can focus their time on more strategic activities such as coordinating capital projects or developing complex programs requiring proprietary knowledge. Likewise, many OEM machine builders face capacity challenges and prefer to have their electricians/technicians focus on wiring on machines vs. building control panels. This can also help alleviate challenges during periods of unusually high workload. Equally important is the reduced burden on our customers' purchasing, accounting, and shipping/receiving staff. With multiple locations and a sizeable, experienced staff, Engineering Specialists can augment your internal team to maximize your capacity.

### **Cashflow Management:**

Maintaining positive cashflow is a major focus for all successful businesses. Utilizing Engineering Specialists for control panel design and/or build allows our partners to hold on to their cash longer and reduce the time between paying for labor/materials and getting paid for goods sold.

- Reduced Overhead

- Reduced Inventory
- Just-In-Time manufacturing with fixed costs

#### **Certifications:**

Standards and regulations are changing at an ever-increasing rate, and control systems are no exception. Keeping up with the changing standards is a challenge for many manufacturers. Working in many different industries and shipping to countries all over the world, Engineering Specialists is a trusted advisor to ensure your control systems meet the requirements of your facilities and customers. Standards that Engineering Specialists designs to include (but are not limited to):

- NEC, ANSI, NEMA, JIC, and CE
- UL/cUL 508A (self-certification) and CSA
- Hazardous Locations (NNNY, NRBX and NITW certification)

#### **Unique Skillsets:**

Hiring and training has become significantly more challenging for engineering and manufacturing teams over the last decade. Your team cannot be expected to know every possible controls platform on the market. Working with Engineering Specialists provides you access to an engineering team with design experience on many different platforms. Our familiarity with these platforms allows us to provide the right solution for each application.

For more information on how Engineering Specialists can help your business, please visit us on the web at [www.engspec.com](http://www.engspec.com) or give us a call to discuss in more detail.



## Our History

**A REGISTERED PROFESSIONAL  
ENGINEERING FIRM**

UL508 Certified (NNNY, NRBX, NITW)



Engineering Specialists, Inc. was founded by Robert Miller, a graduate of Marquette University's Electrical Engineering Program and Robert Phillips, a graduate of MATC.

The two close friends in need of a change had thought about consulting, but instead began building and designing the sophisticated equipment used by many of the most competitive businesses in the market today. Bob Miller recalls filing the very first customer file in his cabinet wondering if he would ever fill it. That was over 40 years, 1400 customers, and 20,000 projects ago!

With the technological challenges that all businesses experience, sometimes on a daily basis,

Engineering Specialists has managed to evolve with the times to keep its customers in motion and ahead of their competition.

Contact Engineering Specialists today and find out how our skilled engineers and technicians can provide your unique business with the tools it needs moving forward successfully into the future.

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## 3 Convenient Locations

### CORPORATE OFFICE

21360 Gateway Court  
Brookfield, WI 53045  
Phone: (262) 783-8000  
Fax: (262) 783-8001

### NEENAH OFFICE

2416 Industrial Drive  
Neenah, Wisconsin 54956  
Phone: (920) 751-3900

### RACINE OFFICE

1139 Sunnyslope Drive  
Mount Pleasant, WI 53406  
Phone: (262) 783-8000  
Fax: (262) 783-8001

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## Partners

**SIEMENS**

**COGNEX**  
Vision for Industry®

 **GE**  
Intelligent Platforms

 **NATIONAL  
INSTRUMENTS™**

  
Rockwell  
Automation  
Recognised  
System  
Integrator  
Control

  
wondershare  
Wondershare

 **KEYSIGHT  
TECHNOLOGIES**  
Solutions Partner

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