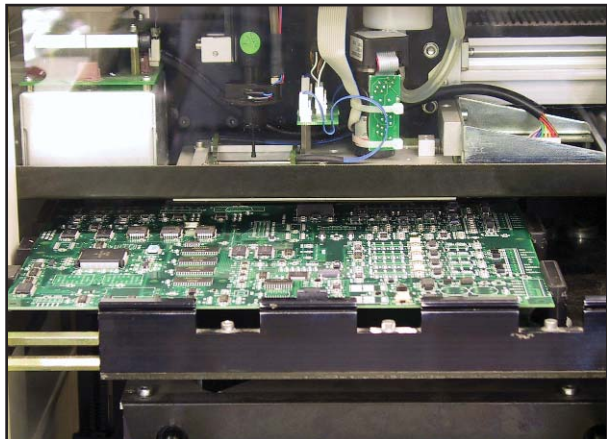


Let us design a custom solution for you!

With the 2003 acquisition of Tamarack Engineering, SJE-Rhombus® represents the most reliable integration of **engineering and manufacturing** capabilities in the growing electronics industry. Our custom embedded controls provide **innovative engineering solutions**: software, firmware and hardware designs utilizing printed circuit board technology.

SJE-Rhombus® becomes an extension of your **engineering and manufacturing** departments. Utilizing the latest in electronic assembly techniques and equipment, you can rely on SJE-Rhombus® Controls from design concept through the manufacturing process.



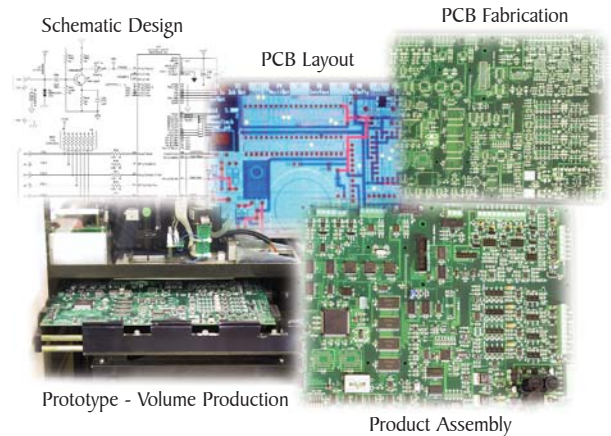
To meet customers' needs, we have surface mount, thru-hole and multi-layer capabilities.



Since 1975, SJE-Rhombus® has grown to over **65,000 sq. ft.** of manufacturing and warehouse facilities located just outside of Detroit Lakes, MN, plus additional offices in Minneapolis, MN. Being an ESOP company (SJE-Rhombus® is **100% employee-owned**) is an added benefit to our customers. Each of our dedicated 240+ employee-owners have a **personal stake** in making the **best possible product** in the industry. After all, **our success is measured by your satisfaction.**



Custom Embedded Control Solutions



Over 30 Years of Experience in
Custom Printed Circuit Board Technology

SJE-Rhombus®

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Phone: 218-847-1317 ■ Fax: 218-847-4617

9307 Science Center Drive, Minneapolis, MN 55428-3622

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www.sjrhombus.com

SJE-Rhombus®

www.sjrhombus.com

For over **30 years**, SJE-Rhombus® has been building a reputation for providing **reliable products and superior customer service**. New product designs endure extensive in-house and field testing before submittal to recognized independent laboratories for safety testing and approval. Each product is constructed of the **highest quality materials** with **expert workmanship** and delivered in **responsive lead-times**. This commitment to quality ensures a **dependable, trouble-free product**.

Get **results** with our **experienced engineers**. They work closely with you throughout the development cycle; from product definition, specification, design, prototype, through the manufacturing process.

SERVICES

- Custom Circuit Schematic Design
- Printed Circuit Board Layout
- Firmware/Software Development
- Part Selection & Procurement
- Rapid Prototyping
- Validation Testing
- Volume Production
- Final Product Assembly
- Value Engineering



Developing a proprietary product provides a competitive edge in today's high-tech world.



Product Development Process

When working with SJE-Rhombus®, a new product design begins by **listening to the customer** to determine product needs and design requirements. After initial customer consultations, our engineers design circuits and write specifications for software as part of the proposal process. After the customer confirms product operation, design reviews, and internal approvals, we release the design of the printed circuit boards and packaging for customer approval.

Following approval, we build and test pre-production units (prototypes) and perform design qualification tests. Once a design enters into production, we release **product and tooling documentation** to the customer. We manufacture hundreds of custom embedded products, many of which are being **patented** by our customers.

Comprehensive Product Testing

- Full Functional Testing
- Noise Susceptibility
- Temperature Range
- Power Supply Variations

APPLICATIONS

- Industrial Controls
- Speed, Temperature, Motion, Pressure, Pattern, Sampling and Position Control
- Embedded Microprocessor/Microcontroller Design
- Man-Machine Interfaces
- Custom Application Software for PC and PDA
- Communications
- Remote Control

Contact SJE-Rhombus®

SJE-Rhombus® guarantees **exceptional customer service** with a knowledgeable team of engineers, technicians and specialists committed to providing unparalleled support.

Contact Jeff Thon today to learn how we can develop a solution for you!

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