



Your Flat Panel Keyboard  
Solutions Provider

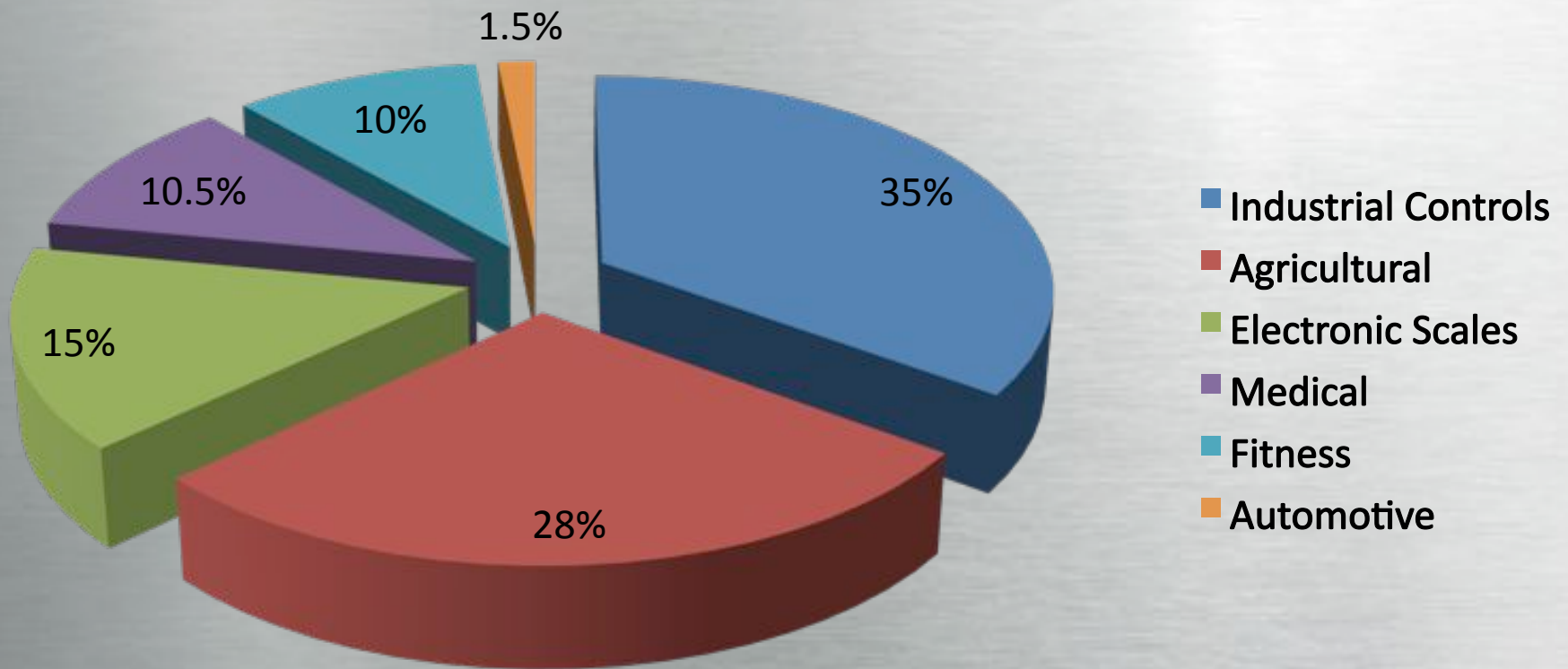
# History/Overview

- Established in 1972
- 30,000 sq. ft. facility in Chaska, Minnesota



- Manufacturer of  
membrane keypads,  
graphic overlays, printed  
circuit board (PCB)  
assembly capabilities,  
and touch screens

# Markets





# Product Capabilities



## Membrane Switches

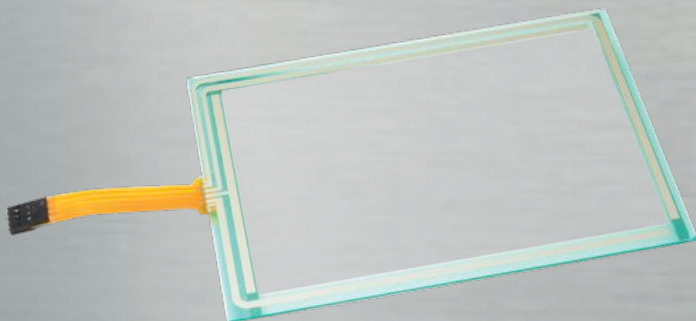
- Tactile/Non-Tactile
- Screen Printed Silver or Copper FPC Circuitry
- Imbedded LED Circuits
- Environmentally Sealed



## Custom Rubber Keypads

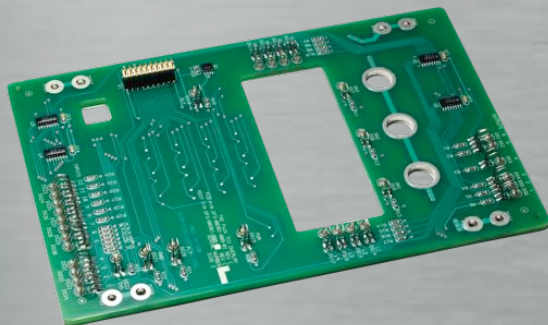
- 3D Keys
- Conductive/Non-Conductive Actuators
- Screen Printed Graphics
- Translucent Laser-Etched Characters

# Product Capabilities



## Touch Screens

- 4-5-8 Wire Resistive
- Custom and Stock Sizes
- Capacitive



## PCB Assemblies

- Rigid FR4 Circuitry
- Value Added Components



## Graphic Overlays

- Screen Printed Graphics
- Digital Printed Graphics
- Embossing
- Protective Hard Coating

# Quality Assurance

- **Product Verification**
- **Design Review**
- **In-process Inspections**
- **Statistical Process Control**
- **100% Final Inspection**
- **100% Functional Electrical Test**
- **ISO 9001:2008 Certified**
- **RoHS Compliant**





# Engineering Capabilities

- Conceptual Design Services
- Circuit Layout
- Production Art Services
- Proofing
- Prototyping
- CAD Design
- Innovation Based on Customer Needs



# Inventory Management



- **Global Component Sourcing**
- **Kanban Component Inventory Models**
- **Strategic Parts Agreements and Component Buffer Stock**
- **Supply Chain Management**
- **Vendor Evaluations and Approvals**
- **Dock-to-Stock Sourcing**