



*“Solutions to fit your needs”*

**Ayrshire Electronics is a full-service electronic manufacturing services (EMS) provider. Our core competency is high-mix, low-medium volume circuit board assembly, rapid PCB prototyping and box build/final Integration services, combined with world-class repair and support capabilities. Ayrshire Electronics is ISO 9001-2000, FDA-registered and GMP compliant.**

Example of services provided:

### **New Product Introduction**

New Product Introduction (NPI) is a critical element of rapidly getting a product to market. With emerging lead-free requirements, we offer a core set of services that enable our customers to get their products from concept to manufacturing, quickly and efficiently.

### **PCB Assembly**

Ayrshire Electronics offers state of the art lead-free and conventional PCB assembly services designed to meet our customer's needs for a wide range of volume, mix, and complexity. Providing Total Supply Chain solutions for small to medium-sized OEM and emerging technology companies. Our world-class facilities are staffed with personnel experienced in all the methods of PCB assembly; from pin-through-hole and mixed technology to conventional or lead-free and ultra-fine pitch Surface Mount Technology (SMT).

### **Mechanical / Box Build Assembly**

Ayrshire provides a variety of mechanical assembly/box build solutions tailored to meet our customer's requirements. We have a long history of providing electronic manufacturing services that range from industrial/environmental controls to defense and aerospace applications, complex servers and network devices. Our integrated approach manages the process from turnkey procurement, integration, custom configuration, testing, world-wide distribution, and warranty services ensuring flexibility, responsiveness and on-time delivery.

### **Supply Chain Management**

Material procurement is a core competency our customers expect and rely on. Our supply chain management organization executes an integrated strategy to aggregate demand and to optimize supplier relationships. Leveraging our buying power, we achieve competitive materials pricing and sourcing flexibility, along with minimized inventory exposure.

### **Sustaining Services**

Commitment to supporting the entire product lifecycle extends beyond manufacture and distribution. We offer a range of aftermarket services, including logistics and on-site repair services for large lots and individual products at our facility in Oakdale, MN.

### **Test and Repair Services**

A wide range of test methodologies, experienced resources, and state-of-the-art equipment from AOI, ICT, X-ray and Functional Test are available to ensure that we can meet a multitude of requirements and product the highest quality products. Leveraging the experience of our test engineering staff, we develop creative strategies to minimize the cost of testing while maintaining the reliability of the finished product.

***Quality People – Quality Products***

**AyrshireUSA.com**