



*“Solutions to fit your needs”*

## **Box Build / Final Assembly**

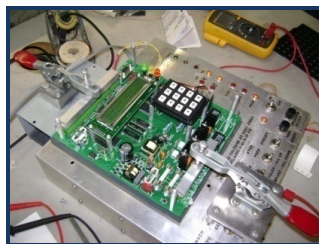
Ayrshire Electronics provides a wide variety of box build/final assembly services tailored to meet the requirements of our customers. We have a long history of providing electronic manufacturing services that range from medical devices, complex servers, and network devices to solid-state drives. Our integrated approach manages the process from turnkey procurement, integration, and custom configuration to testing product packing, shipping world-wide and warranty services. This ensures flexibility, responsiveness, and on-time delivery for our customers' products.

**Flexibility:** Product assembly and integration can range from basic electromechanical assembly to PCB subassemblies to complex box build and final assembly integration. Ayrshire Electronics has the resources and experience necessary to accommodate a broad range of manufacturing and system integration requirements.

**Process:** Our Customer Focused Teams form the basis for ensuring that product assembly and integration are properly implemented. Our detailed online processes are critical to successfully procuring, assembling, integrating, and testing products that are consistently correct. The assembly processes are uniquely designed for the customer's product to maximize efficiency. This includes work cells for complex assembly and continuous flow lines that integrate PCB assembly and automated optical inspection with final assembly and function systems testing. Changes to these processes, whether they are components, assemblies, or test procedures, are based upon approval from our customers.

**Testing:** Ayrshire Electronics has a long history of having a strong hardware and software capability in support of industrial/environmental controllers, defense and aerospace applications, complex server, network, and storage products. This capability, along with our engineering expertise, ensures the proper test development and implementation, configuration control and incremental hardware and software updates required to support changing marketplace requirements.

**Support:** Ayrshire Electronics has logistics capability to inventory finished goods and ship products world-wide, directly to the customer's end-user. (The installed base of products may require a variety of post-manufacturing support services to properly support their customers.) Warranty and RMA support are tailored to our customers' needs and available for multiple years.



***Quality People – Quality Products***

[AyrshireUSA.com](http://AyrshireUSA.com)