



C A P A B I L I T I E S

MEC Box Build Services

Each of the three MEC sites (Midwest, Northwest and Southwest) has box build capabilities to match our customers' unique needs. By turning over your assembly needs to MEC, we can manage the high part counts, sourcing, assembly instructions and other tasks that take you away from what you do best...servicing your customers.

MEC will deliver certified assemblies to your door or your floor under a custom-designed program that minimizes your cycle time, your inventory levels and your hassles. The benefit: reduced capital investment, speed to market for new product development and reduced inventory.

Electromechanical Assembly

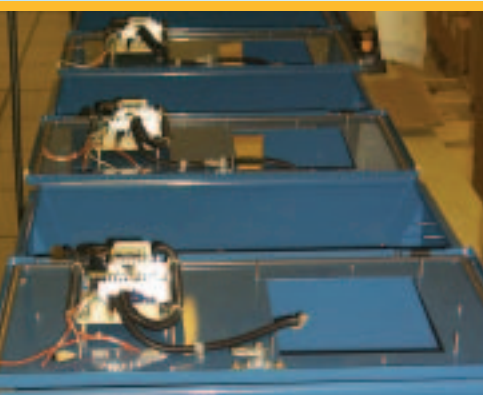
- Cabinet Assembly
- Full Product Assembly
- Packaging Services
- Custom Metal Work
- Prototype Assembly
- Cabinet Design
- Wiring
- Testing

Special Services

- KANBAN or JIT Programs
- Drop Ship Program
- Rebuild/Refurbish Programs

Machine Shop

- Mill, Drill, Turn
- Sheet Metal Fabrication
- Screen Printing



BOX BUILD SERVICES



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Box Build Services

Experience

For many OEMs, the designing and building of “the box” – that is, the hardware which houses the printed circuit board – is oftentimes not economical due to capital investments required for manufacturing. Today, many companies are finding that outsourcing the hardware responsibilities to a company like MEC allows them to concentrate on their core competencies.

Rely on MEC for Engineering Design Services

In addition to “Box Build” and “Product Build” capabilities, MEC can also serve as the electronics eyes and ears for customers. MEC works closely with its customers from initial collaboration providing design assistance, offering productivity enhancements and ensuring design for manufacturability.

Supply Chain Management Programs to Reduce Cycle Time and Inventory Investment

Our experience in supply chain management affords us the ability to schedule the purchase of materials from various suppliers for the building of both the boards and the boxes. Or, if you prefer, you can ship the materials directly to us. Either way, you eliminate yet another step in the manufacturing process by having completed boxes shipped to you when you need them. Our material management program is aligned with your product delivery needs.

Lean Manufacturing Processes Reducing Production Cycle Time

MEC’s ongoing Lean Manufacturing processes result in proven cost reduction strategies for box builds. For example, through a recent Kaizen event for a box build customer, MEC reduced production cycle time from four to six weeks lead-time down to two days.



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Agency Approvals

- UL
- CSA
- AGIA
- CE (Self-reporting)

