

# HLA, Integration and Boxbuild Services



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Concurrent Manufacturing Solutions' Integration, High Level Assembly and Boxbuild capabilities uniquely position us with the ability to provide a one stop shop for all advanced system packaging needs including Enclosures, Power Distribution Systems, Backplanes, Thermal Management Systems and Cable Harnesses.

HLA integrations are managed by Business Cells – customer focused teams that manage all aspects of production including planning, scheduling, supply management, product assembly and test.

Optimum customer value can be realized by leveraging our vertically integrated manufacturing capabilities. Our operational model has been specifically designed to enable us to minimize the supply chain touch points and avoid 'margin stacking.'

HLA business cells typically feature unique PokaYoke Tooling designed to engineer quality into the manufacturing process and 'Buddy' Check Systems that ensure that each process step is independently checked before each subsequent process. Supply process set-up ensures that all inventories are lean and available at the Point of Use and managed by manufacturing operators. HLA services include Software Configuration and Direct Order Fulfillment Services.

System test development for HLA's is an area of particular strength for Concurrent Manufacturing Solutions. The potential fault spectrum associated with every application is carefully evaluated before devising an appropriate test strategy.



### Our Core Services:

- PCB Assembly
- Cables & Harnesses
- Backplane Assembly
- High Level Assembly & Integration
- Sheet Metal & Enclosure Fabrication

### Our Expertise:

We excel at low-to-medium volume production of highly complex electro-mechanical products and systems. Our technical expertise, responsiveness and flexibility gives us the ability to skillfully assemble and integrate cables, backplanes, PCBA, electro-mechanical assemblies as well as sheet metal fabrication.

### Our Commitment to Quality:

Concurrent Manufacturing Solutions is a strong proponent and champion of Lean Management and Six Sigma efficiency and quality drivers. Concurrent holds the following certifications and utilizes the following quality standards:

- ISO 9001:2008 Registered
- AS9100 Registered
- IPC-A-610 Workmanship Certified
- IPC-A-620 Workmanship Certified
- J-Std-001 Soldering Certified
- AWS D1.2 & AWS D1.3 Certified Welders
- ITAR, TUV, FCC, UL, CSA Agency Certified
- RoHS & Lead Free Process Certified
- REACH Compliant

### Our Facilities:

We have manufacturing locations in Florida (cable and HLA products), Missouri (backplanes, PCBA, HLA) and Matamoros, Mexico (cable, sheet metal fabrication and powder coating, PCBA, HLA). Each of our sites is ISO-9001/2008 Registered and combined offers over 170,000 square feet of manufacturing, design, assembly and customer support services.

*Your trusted source for contract manufacturing and complex products that exceed your requirements.*



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