



INTERCOASTAL ELECTRONICS

IntercoastalMFG Corporate Capability Statement

Company Profile

IntercoastalMFG is a U.S.-based electronics contract manufacturer delivering precision-built assemblies for OEMs operating in demanding industrial and commercial markets. We specialize in supporting Industrial Controls, Power & Energy electronics, and complex commercial products where reliability, process discipline, and production continuity are critical.

More than a supplier, we operate as a strategic manufacturing partner – aligning our processes with your operational goals to reduce risk, improve scalability, and ensure consistent product performance from prototype through full production.

Our customers rely on IntercoastalMFG when execution matters.

Manufacturing Expertise

PCB Assembly – SMT, Through-Hole, and Mixed Technology

Our manufacturing environment is structured to support high-reliability assemblies with repeatable workmanship that meets recognized industry standards.

Prototype to Production Scaling

We provide a controlled pathway from early engineering builds into low- and mid-volume production, allowing OEMs to scale confidently without sacrificing quality or timeline.

Industrial Controls & Power Electronics

Experienced in manufacturing assemblies that support automation platforms, motor drives, control systems, power distribution, and energy infrastructure – applications where durability and performance are non-negotiable.

Electromechanical Assembly & Box Build

Full system integration capabilities simplify your supply chain, reduce vendor management burden, and accelerate time-to-market.



Design for Manufacturability (DFM)

Our collaborative approach identifies potential risks early, improves production efficiency, and supports cost-controlled manufacturing before builds begin.

Cable & Harness Assembly

Produced with precision and consistency to support dependable system connectivity.

Advanced Rework, Repair, and Production Recovery

Trusted by OEMs to recover failed assemblies, implement engineering changes, and stabilize production environments without disruption.

Functional Testing Integration

Custom and customer-defined testing protocols verify performance prior to shipment, reinforcing product reliability in the field.

Target Industries

Industrial Controls

We support manufacturers producing automation equipment, process control technologies, robotics interfaces, and industrial monitoring systems. Our structured processes help ensure assemblies perform reliably in high-demand operating environments.

Power & Energy Electronics

IntercoastalMFG manufactures assemblies used in power conversion, distribution, monitoring, and control applications. Our disciplined production approach supports long lifecycle products where consistency and traceability are essential.

Commercial Electronics & Manufacturing Support

From new product introductions to overflow production and urgent rework programs, we provide the agility commercial manufacturers need to maintain delivery commitments and protect customer relationships.

Quality Infrastructure

Quality is engineered into every phase of our operation – not inspected in afterward.

IPC-A-610 Certified Specialists

Assemblies are built and verified by trained personnel who understand the workmanship standards required for high-performance electronics.



First Article Inspection (FAI)

Comprehensive validation ensures the initial build meets all design, documentation, and workmanship requirements before production is released – reducing risk and preventing costly downstream issues.

X-Ray Inspection Capabilities

Advanced imaging verifies hidden solder joints and complex component connections such as BGAs and bottom-terminated devices, strengthening confidence in assembly integrity.

Process Control & Full Traceability

Documented workflows, material lot tracking, and revision control promote accountability and allow rapid root-cause analysis if required.

Documented Inspection & Test Records

Production data is maintained to support transparency, repeatability, and customer assurance.

Culture of Continuous Improvement

We operate with a proactive mindset – refining processes, strengthening controls, and investing in operational excellence to better serve our partners.

Why Leading OEMs Choose IntercoastalMFG

- **U.S.-Based Production** supporting stronger supply chain resilience
- **Ideal Overflow Manufacturing Partner** when internal capacity is constrained
- **Operational Agility** for quick-turn builds and shifting demand
- **Production Discipline** that promotes repeatable outcomes
- **Executive-Level Communication** with responsive decision-making
- **Long-Term Partnership Mindset**, not transactional manufacturing

We understand that your manufacturing partner directly impacts your reputation in the market. Our responsibility is to protect it.

Our Commitment

At IntercoastalMFG, we combine manufacturing expertise with a partnership-driven philosophy to help OEMs scale with confidence. Whether launching a new product, transitioning production, or reinforcing your supply chain, our team is built to deliver consistency, responsiveness, and measurable reliability.

When production cannot fail, organizations turn to trusted partners.

Engage With Us

Request a quote to begin a manufacturing partnership built for performance.



<https://intercoastalmfg.com>



admin@intercoastalmfg.com