

Telephonics

Electronic Systems Division – A Manufacturing Partner You Can Count On

Telephonics' Electronic Systems Division (ESD) provides over 75 years of design and manufacturing excellence in electronic systems for both military and commercial applications and can manage or supplement high-volume, high-tech production needs.

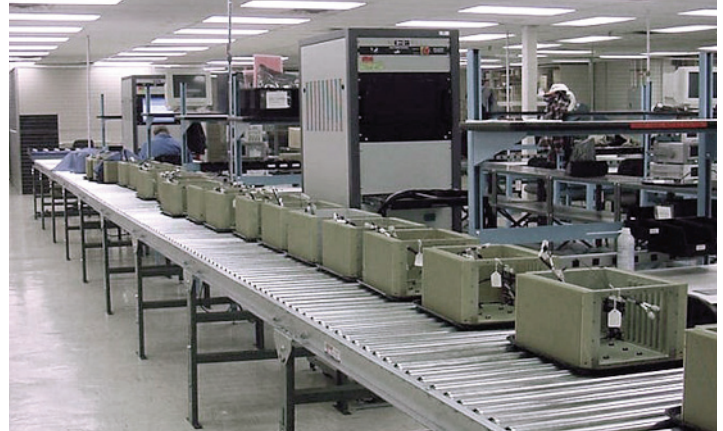
Integration Services Group

ESD's Integration Services Group has the ability to provide a complete turnkey manufacturing solution for your design and is uniquely capable of adapting to emergent manufacturing changes to your supply-side requirements.

Partnering with Telephonics will get you to market faster and with exceptional results. Nearly a century of battle-proven experience, generating winning solutions has helped us develop our state-of-the-art Manufacturing Operations, systems and procedures, which dependably ensure program success for our clients worldwide.

Ours is a tenacious, success-driven culture and we pride ourselves on our ability to get the job done "no matter what." We consistently meet the demanding price, schedule and reliability expectations of our customers.

A key to our successful production methodology is our flexibility on the manufacturing floor to reconfigure (i.e., optimize) and customize lines



as appropriate by instituting new technologies, developing improved processes, and ensuring the best and most cost-effective methods and equipment are used to build, test and support your product.

Focused Factory and Lean Manufacturing Concepts

The ESD Operations Model is built on the Focused Factory concept, incorporating a multi-functional, integrated and collocated team with appropriately designed work cells. The focus team includes program management, manufacturing engineering, subcontracts, quality, planning, expediting, mechanical assembly and test. This practice provides access to any and all disciplines required to proactively and immediately address and resolve issues/problems that may arise, mitigating any potential negative impact to the production line.

The Focused Factory affords the greatest opportunity

for manufacturing success resulting in:

- Improved product quality
- Faster ramp-up
- Shorter cycle times
- Reduced production costs



Additionally, Lean Manufacturing concepts are integrated into the Focused Factory model to enhance the overall manufacturing process and further reduce non-value-added operations.

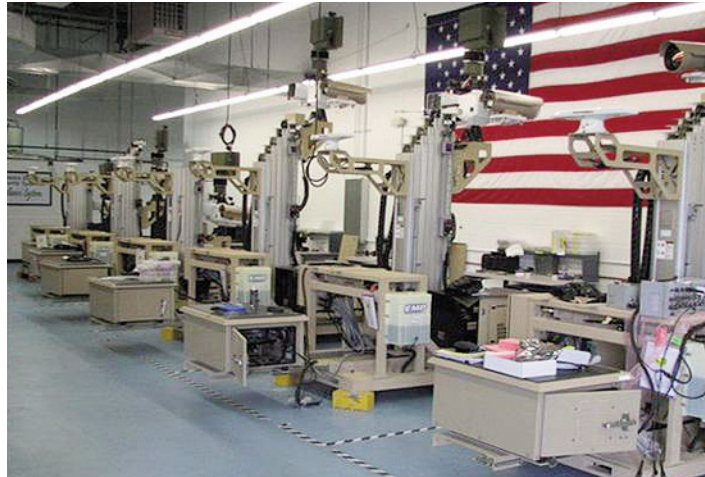
Telephonics' ASQ-trained Six Sigma Black Belts support a wide range of improvement projects. Additional

Telephonics' Integration Services has the ability to provide a complete turnkey manufacturing solution for your design.

Telephonics Electronic Systems Division Manufacturing

tools include process-modeling software for simulating process functionality as part of Lean events to streamline internal operations.

Highly Accelerated Life Testing (HALT) and Highly Accelerated Stress Screening (HASS) provide a



stringent environment to force design and process maturation prior to product release.

Telephonics maintains a state-of-the-art HALT/HASS facility and the required resources to provide accelerated product stress testing. This increases product reliability, reduces warranty costs and reduces time to market for products – enhancing customer satisfaction.

Our manufacturing operations utilize Automated Manufacturing Information



Systems (MIS) employing bar code and wireless technology for the automated capture of labor and material process management information. This live data drives Cost Performance Index (CPI) and our metric-based management systems.

Telephonics' ERP operating system provides fully relational, corporate-wide, real-time data and supports our Intranet functional informational web pages. We are a matrixed organization with short lines of communication. Our hands-on approach to managing programs ensures that senior level managers provide direct matrixed oversight and quick response to ensure program progress.

ESD is continually recognized by our demanding customer base and partners for outstanding performance and is ready to bring the same success to your manufacturing needs.

To further explore the opportunity to partner with the Electronic Systems Division of Telephonics, please contact (631) 549-6388.

Integration Services specializes in:

- All aspects of manufacturing for low, medium and high volume programs
- Box Level Assembly and Test (all levels of complexity)
- Reviewing and producing technical data packages
- Designing and performing a complete suite of electrical tests, including reliability stress screening
- HALT/HASS (Highly Accelerated Life Testing/Highly Accelerated Stress Screening) expertise
- Cable/harness wiring, assembly and test
- IPC-A-610 Class III, ANSI/J-STD-001, FAA TSO Certification
- Managing a global supply chain, including qualifying suppliers, placement of orders, subcontract management, vendor surveillance and source inspection. Our procurement systems are Contractor Purchasing System Review (CPSR) and Customs – Trade Partnership Against Terrorism (C-TPAT) certified.
- Tailoring proven production line techniques to fit the assembly and test needs of a product
- Creating the necessary assembly methods and inspection instructions to efficiently produce a high quality product
- Maintaining a quality system that satisfies your requirements, the requirements of ISO 9001:2000, AS9100:2001-08 and Federal Aviation Administration (FAA) Regulations Part 21
- Responding quickly to product changes or surges to the delivery schedule
- Additionally, Telephonics has extensive experience working with Defense Contract Management Agency (DCMA) and Defense Contract Audit Agency (DCAA). We maintain a Small Business Management office and International Offset Management office as well.

For further information contact:

Telephonics Corporation
Electronic Systems Division
789 Park Avenue
Huntington, NY 11743
(631) 549-6000
Fax (631) 549-6939
www.telephonics.com

