

Telephonics

Electronic Systems Division Profile



Telephonics Electronic Systems Division (ESD) leads the way in providing tomorrow's solutions today.

Telephonics Corporation's Electronic Systems Division (ESD) is an industry leader in both the Defense and Civil markets for advanced electronic systems. ESD is recognized for its superior technology and ability to rapidly integrate sophisticated system solutions by incorporating state-of-the-art hardware and software designs. Telephonics' ESD leads the way in providing tomorrow's solutions today.

ESD designs Integrated Security Systems including Anti-Terrorism/Force Protection (ATFP), Ground Surveillance Radar, Air Traffic Management/Air Defense, and Microwave Landing and Guidance Systems. ESD also offers over 70 years of manufacturing experience in electronic systems for both military and commercial applications.

Integrated Security Systems

Telephonics is a leading manufacturer, designer and integrator of both Homeland Security and Military ATFP systems. Our unique understanding of mission requirements, radar technology, data fusion capability and extensive sensor integration experience provides our customers with advanced, integrated solutions for today's most difficult security problems. ESD systems are providing a new level of security against today's threats around the world.

Ground Surveillance Radar

Telephonics' Ground Surveillance Radar (GSR) provides an ideal solution for numerous homeland security, border patrol and battlefield missions. The GSR system provides

perimeter security for high-value targets and brings real-time reconnaissance information to a new level. Telephonics' GSR sensors have been deployed worldwide, successfully countering today's most dangerous terrorist and battlefield threats.

- **Advanced Radar Surveillance Systems (ARSS)**

- Telephonics brings online, real-time field reconnaissance to a new level of access and preparedness with the ARSS

- **ATFP**
- **Port Security**
- **Perimeter Security**

Air Traffic Control/Air Defense

Airport priorities begin with safe, efficient departures and arrivals. Telephonics' ESD provides both the expertise and equipment for ground and flight path management. We offer a complete solution from the planning stages to turnkey installation. Our Air Traffic Control/Air Defense products ensure smooth, efficient and incident-free air-traffic flow at airports around the world.

- **AeroTrac®**
 - Telephonics provides expertise and advanced systems for efficient and safe Air Traffic Management



Advanced Radar Surveillance Systems (ARSS)

- **Sky Search-2000M®**
 - Telephonics' Sky Search-2000M®, a monopulse secondary surveillance radar system, achieves superior target reporting for civil Air Traffic Control applications to efficiently and safely direct traffic, increase mission effectiveness and keep friendly forces out of harms way

Microwave Landing and Guidance

Telephonics is proud to claim a long and successful history of providing safe landings for aircraft worldwide. Each U.S. Navy aircraft carrier employs Telephonics Landing and Guidance Systems, as do other Navies around the globe. NASA also enjoys the safety and security of Telephonics-designed ground stations and receivers. Our ground systems are deployed worldwide to support space shuttle landings and our landing guidance receivers are installed on each shuttle aircraft.

- **Tactical Instrument Landing System (TILS)**
 - Telephonics' TILS handles difficult landing site

operations. The TILS is ideal to facilitate landing where limited, safe air space and irregular runway conditions exist especially under poor visibility conditions

- **TILS-II Receiver**

- Telephonics' precision landing guidance receivers are in service in aircraft throughout the world

- **AN/SPN-41**

- Telephonics' AN/SPN-41 is an all-weather, aircraft carrier-based landing guidance system that provides azimuth and elevation instrument landing guidance data to aircraft

Manufacturing

Telephonics' Electronic Systems Division (ESD) provides over 70 years of design and manufacturing experience in electronic systems for both military and commercial applications and can manage or supplement high-volume, high-tech production needs. ESD 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.

The Electronic Systems Division specializes in:

- Reviewing and producing technical data packages
- Managing a global supply chain, including qualifying suppliers, placement of orders, subcontract

management, vendor surveillance and source inspection

- 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
- Designing and performing a complete suite of electrical tests, including reliability stress screening



AeroTrac®

- Maintaining a quality system that satisfy 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

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

