



Telephonics is a global leader in cutting-edge radar technology and communication systems serving the aerospace, defense and commercial markets around the world. Whether it is in the air, on the sea or on the ground, our products ensure the safety and security of countless military personnel and civilians worldwide.

### Surveillance Solutions for Any Environment

Telephonics is a world leader in airborne multi-mode radar and Identification Friend or Foe (IFF) systems. Our radar offer long-range detection, tracking and identification of small targets in the most severe maritime environments with Synthetic Aperture Radar (SAR) and Inverse Synthetic Aperture Radar (ISAR) imaging, weather avoidance and Automatic Identification System (AIS).

Our IFF systems provide breakthrough performance in the detection, interrogation, identification, tracking as well as data extraction in severe environments and can be found at airports, on aircraft carriers, surface vessels, the AWACS fleet and maritime patrol platforms. With state-of-the-art monopulse technology, advanced target extractor processing and scan-to-scan correlation, the systems also incorporate self-test, high-performance algorithms and full interrogation and receiver side-lobe suppressions.

### Wired & Wireless Communication Versatility

Telephonics is an industry leader in both the defense and civil markets for advanced wired and wireless communication systems. Our TruLink® wireless intercommunication system is a versatile full-duplex intercom and operates reliably in high-noise environments while providing resistance to shock, vibration, moisture, sand, dust and extreme temperatures.

Telephonics' fully digital, open-architecture design includes adaptability to special mission and IP communications. Our secure digital intercom suite is the communications backbone of some 45 platforms around the world.

### Air Traffic Management Expertise

Telephonics' Air Traffic Control (ATC)/air defense products provide both the expertise and equipment for ground and flight path management. Our AeroTrac® NextGen Air Traffic Management (ATM) system's

# Telephonics Corporation Overview

open-architecture design features include: advanced multi-sensor data processing, high resolution situational displays, user-friendly procedure oriented operation and scalable solutions for tower, terminal and enroute applications.

## Perimeter/Border Security Specialists

Our team of integrated security specialists understand the demanding and ever changing environment of perimeter/border security. Telephonics' RaVEN®-Mobile Surveillance Capability (RaVEN-M) is a fully-integrated, rapidly deployable surveillance system that is effective in all terrains and environments.

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



RaVEN-M System

## Turnkey Manufacturing

Telephonics is a manufacturing partner you can count on. With over 80 years of manufacturing experience, we offer complete turnkey manufacturing solutions for your proprietary designs. Telephonics' manufacturing capabilities go beyond subcontract assembly to include supply chain development and management, design for manufacturing, qualification and functional test, and fully automated acceptance testing. Telephonics adheres to the focused factory and lean manufacturing concepts, making us a high value-added manufacturing partner to leading U.S. primes.

## Complete Integration Services

Telephonics' state-of-the-art 22,000 sq. ft. Aircraft Integration Services facility in Elizabeth City, NC offers fully integrated avionics and electronic modifications through comprehensive, turnkey aircraft upgrade packages including our modern radar and communication systems. These integrated systems have advanced capabilities such as FLIR, AIS as well as moving map and are tested in our lab and flight test aircraft prior to installation. This facility also contains our fully capable APS-143B(V)3 and C(V)3 repair center, on-site field service engineering, systems integration lab, radar training and demonstration room and a dedicated staff of experienced support personnel.



**For additional information, contact Telephonics at 631.755.7000 or visit [www.telephonics.com](http://www.telephonics.com).**

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