

Where We Serve

Duotech provides vast support capabilities across the air, land, and sea domains for the U.S. Defense Services and many foreign military allies around the world. Our diverse experience spans decades and hundreds of unique electronics systems with the operational roles of targeting, tracking, sensing, data processing, movement, and communications.

WHY DUOTECH:

We are **SUPPORTING THE PAST** with legacy and current technology repairs filling a critical role in the defense infrastructure.

We are **ENGINEERING THE FUTURE** with redesign, upgrade and form fit function replacements to optimize performance and mitigate obsolescence.

AIR

Duotech was awarded its first contract in 1984 at the San Antonio Air Logistics Center at Kelly Air Force Base. Since then, Duotech has become the industry leader in providing electronics and electromechanical repair, engineering, and fabrication services for numerous legacy aircraft platforms deployed worldwide. We specialize in servicing various RADAR types, flight control systems, data processing, communications systems, and rapidly deployable automated test equipment (ATE) aligned with OEM standards. Our state-of-the-art test assets optimize troubleshooting cycles and LRU mission effectiveness for our customers.



SEA

Sea-based military platforms have various capabilities, including operational surveillance over vast open areas to support the global defense mission. These platforms play a critical role in maintaining complete situational awareness of strategic battlespaces, and their defense systems against airborne ballistic threats must function properly to ensure continued operation and the provision of vital mission data to theater commanders.

Duotech is an engineering services company specializing in providing repair, remanufacturing, and test services for a wide range of shipborne RADAR, surveillance, and surface-to-air missile defense systems.

The Duotech Advantage

- Decades of experience repairing and providing manufacturing services for hundreds of RADAR and electronic warfare (EW) systems for the U.S. military and foreign allies around the world
- Reverse engineering expertise and the ability to repair, remanufacture, and test electrical circuitry, components, and complete system level line replaceable units (LRUs) absent of technical data
- Concentrated specialties in flight control, sensing, targeting, and tracking electrical systems
- Cost-effective
- Optimized agility, responsiveness, and flexibility





LAND

It is crucial to ensure that today's land-based military platforms remain operational to support the global defense mission for the U.S. military and our foreign allies. This is especially important for technology that aids in detecting, classifying, tracking, and eliminating threats.

Since 2022, Duotech has been supporting this mission by offering repair, remanufacturing, and testing services for AC-DC power conversion systems on the AN/TPY-2 Surveillance RADAR platform. Our decades of experience in providing various electronics sustainment services for a wide range of military platforms have equipped our customers with engineering expertise and technical knowledge to tackle the most complex challenges associated with critical systems and subsystems. This is essential for ensuring that today's tactical ground platforms can effectively execute their battlefield missions.



CAPABILITIES

Repair

Duotech proudly provides repair services for defense platforms that support embedded technology with reliable, cost-effective component life cycle solutions for electronic, mechanical, and electromechanical systems.

- Communications
- AESA and Mechanically Scanned Radars
- Electromechanical & Power Electronics
- Circuit Boards

Engineering

Duotech's world-class engineering department provides design, development, and overall support services for a variety of applications, machines, equipment, and software.

- Industrial Automation
- Hardware & Software Engineering
- FPGA Development
- Mechanical Design
- Technical Services
- Modern, scalable, cost-effective automated test (ATE) solutions.

Fabrication

Duotech's machining, fabrication, and prototyping service offerings span a variety of materials and applications to support land systems.

