

# Windtalker Encryption Device (WED)



Small, lightweight, tactical

Proven Sectera® secure voice architecture

WED snaps onto Telephonics TruLink® wireless intercom systems

## Overview

The Windtalker Encryption Device (WED) secures wireless intercom systems used onboard U.S. Army and U.S. Navy helicopters. The module is capable of protecting secure conversations between air and ground crew members. General Dynamics is partnering with Telephonics Corporation, the prime contractor for the U.S. Army's new Aircraft Wireless Intercom System (AWIS). The WED module is NSA certified to protect information classified up to Secret.

AWIS is based on the Telephonics TruLink wireless intercommunication system. The system improves communications efficiency and aircrew safety by eliminating cord clutter. Crew members have greater freedom of movement by eliminating long communication tethers and visual signals used by personnel during ground-based, high-risk operations such as hot-refueling.

## Telephonics TruLink

- Up to 6 simultaneous full-duplex talkers per channel
- Adaptive VOX for hands-free operation
- Designed to operate in high acoustical noise environment
- 50 channels (independent nets)
- Up to 31 operators per channel
- 2.4 GHz wireless intercommunication system
- Light weight — easy to use
- Rugged design



*WED add-on accessory enables secure communications via the TruLink*

## Applications

- Air utility
- Wireless ICS extension
- Medical evacuation
- Search and rescue
- Special operations
- Mobile TOC



*Encrypted TruLink Access Point with WED attached*

## WindTalker Encryption Device

- General Dynamics proven Sectera secure technology
- Designed for secure communications
- Innovative mission key encryption approach
- Handheld use as Non-COMSEC Controlled Item (Non-CCI)
- Aligns with existing key management policies and procedures



*Single WED design, compatible with either handheld or aircraft-mounted TruLink*