

# Tactical Electronic Warfare System Infantry Brigade Combat Team (TEWS-I)

*Innovation for the future is now*



Operationally proven; U.S. Army SIGINT integrator  
"gold-standard" since 2009

Unprecedented availability and synergy of objective  
intelligence, both access and processing

Delivers electronic support and electronic attack  
capabilities on mobile and dismounted platforms

Mobility and modularity supports rapid repositioning  
and dynamic EW in rapidly changing tactical  
environments

## Overview

The Tactical Electronic Warfare System Infantry Brigade Combat Team (TEWS-I) is a dedicated, all-weather, 24-hour, ground-based tactical electronic support and electronic attack system that provides the Commander with options to create multiple dilemmas to a designing enemy by decreasing the sensor to shooter timeline. TEWS-I enables an Infantry Brigade Combat Team Commander to detect, locate, and identify the enemy and gives the Commander the capability to act/react/counter with non-lethal effects by denying, disrupting, and degrading the enemy's ability to communicate, coordinate, and synchronize.

TEWS-I sets the foundation for Multi-Domain Operations by providing windows of opportunity across a myriad of environments. TEWS-I is platform independent; a modular system that enables integration onto any vehicle. TEWS-I supports stationary, on-the-move, dismounted, and man-pack operations. TEWS-I mobility and modularity allows units to simply shoot, move, and communicate in contested environments and rapidly reposition to establish positions of advantage within evolving tactical situations.

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## Platform Agility:

- AMPV
- NGCV
- Stryker
- Flyer
- JLTV
- ISV-9
- Non-Tactical Vehicles (NTV)

## Current Capabilities:

- Multi-Comms Options
- Open Architecture
- Electronic Warfare Targeting (ES/EA)
- Integrated EWPMPT
- EW Support to SIGINT
- Artificial Intelligence/Machine Learning (AI/ML)
- Expanded Signals of Interest (SOI) Capability

## Future Capabilities:

- Support to Offensive Cyber Operations (OCO)
- Assured-Position, Navigation, Timing (A-PNT)
- Integration with airborne sensors
  - Multi-Function Electronic Warfare (MFEW-Air)
  - Aerostat and/or balloon
  - Joint Airborne Systems
- Training Support via IEWTPT
- Robotics/Autonomous Vehicles employment of sensors
  - Unattended and/or remote ground sensors
- Extended Range – Tethered UAS



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