

Fight Tonight Assured PNT Solution for GPS Challenged Environments

Part of GPS Source Family of Assured PNT Solutions



Ensures mission effectiveness in
GPS challenged environments

Affordable Assured PNT derived from
only fielded mounted system

Fight Tonight enables Assured PNT up to and
including US Army defined Threat Condition 2

Includes M-code enabling compliance
with NDAA and DoD policy

20-minute drop-in replacement of existing
hardware using existing cabling & mounts

In use in INDOPACOM now and
available for procurement today

Overview

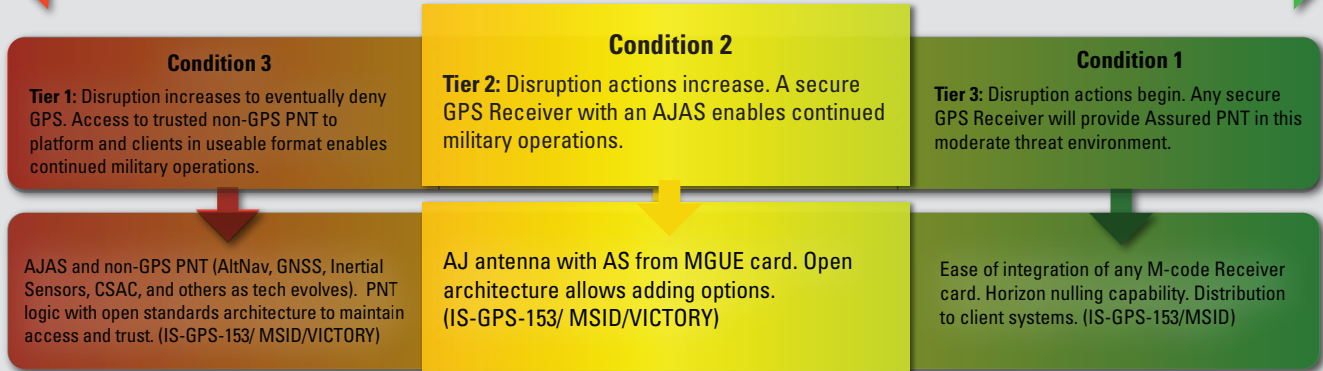
The Army tactical ground vehicle fleet consists of approximately 150,000 total vehicles. Most of these vehicles and their associated missions are dependent on GPS-based positioning, navigation, and timing (PNT) data. Current threat documentation shows U.S. adversaries have a substantial ability to affect GPS reception and trusted service, even when the Army is using current technology (SAASM based GPS and RA-2 FRPA GPS Antenna). The Army has fielded or has plans to field Assured PNT capabilities to only 13 percent (20,000 vehicles) of its tactical ground vehicle fleet due to a variety of cost and technological factors.

GPS Source, the first to field a Mounted Assured PNT system for the Army, has developed a family of Assured PNT solutions for GPS challenged and denied environments for the entire tactical ground vehicle fleet. GPS Source's Fight Tonight Assured PNT System is a modification of the fielded MAPS Gen 1 System, which is the only operational ground Assured PNT System available. Fight Tonight includes upgrade from SAASM to Modernized GPS M-code enabling compliance with US Law and Policy. The Fight Tonight system is compatible with multiple anti-jam antenna systems and is a drop-in replacement for existing DAGR/RA2 configurations. Fight Tonight is in operational use in INDOPACOM and is available for procurement today to provide Assured PNT in the toughest GPS jamming environments up to and including the US Army defined Threat Condition 2.

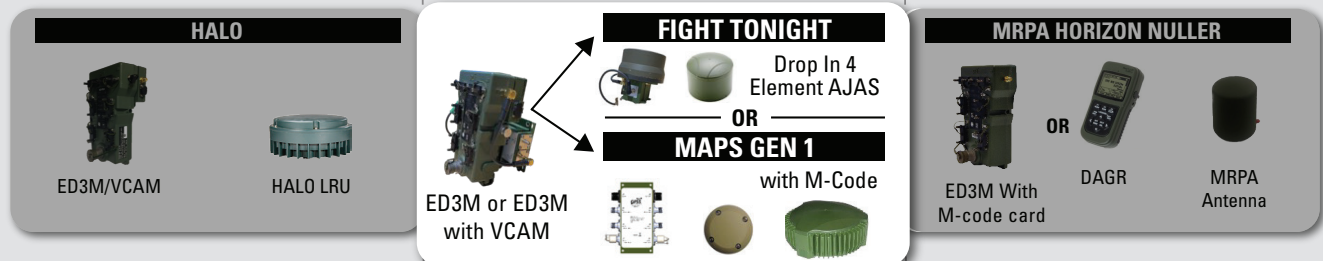
Fight Tonight Assured PNT Solutions for GPS Challenged Environments

Scalable, Low-Cost, Easy to Install Solutions for 90% of the Army Tactical Ground Vehicle Fleet

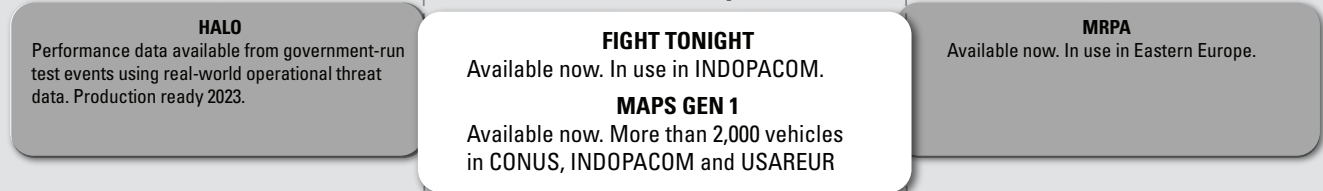
Degraded by Adversarial Jamming and Spoofing



GPS Source Solutions



Availability



Scalable, Cost Effective Solutions to Meet Threat

Fight Tonight provides capability in applicable threat conditions defined in DoDI 4650.08 and U.S. Army APNT ICD and MAPS CDD. Fight Tonight is a "drop-in" for DAGR/RA2 systems and available today.

GENERAL DYNAMICS
Mission Systems

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