ADVANCED CENTRIC SYSTEMS B.V

ACCURATE TARGETING SYSTEM FOR PRECISION GPS GUIDED MUNITIONS

Product brochure

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THE PROBLEM

Precision GPS-guided munitions require accurate, 3D geo-location data of their targets to ensure effective engagement.

Characteristically, ground-based surveillance/observation systems view their targets from ground level, however elevated. This results in low observation angles. Consequently, the target picture generated by such systems is two-dimensional.

Ground-based surveillance/observation systems would qualify as targeting systems for GPS-guided munitions if they could provide a 3D geo-location picture of the targets they observe.

THE SOLUTION

ACS presents ATS-PGGM – Accurate Targeting System for Precision Guided Munitions.

ATS-PGGM is a computer unit designed to upgrade any surveillance/observation system into a 3D targeting system for precision GPS guided munitions.

ATS-PGGM enhances the effectiveness of surveillance and fire management teams (JTAC – Joint Terminal Attack Controllers, forward artillery observers, close air support coordinators, etc.) and significantly improves the accurate delivery of precision GPS-guided munitions.

KEY FEATURES & MAJOR ADVANTAGES

Key Features & Major Advantages

- Computer unit upgrades any surveillance system by converting it to a targeting system for precision GPS guided munitions
- Accurate 3D geo-location data
- System output includes indication of actual accuracy
- Modular configurations:
- Integrated targeting computer for existing surveillance systems
- Bipod-mounted binoculars & targeting computer combo
- Full configuration: surveillance system, targeting computer and all related hardware and software
- Eliminates the need for levelling, north finding and range measurement
- Integration in command & control systems
- Specifications:
- Range: up to 20km
- CEP – better than 5m

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