

Tactical Intelligence Analysis Systems: All Source Analysis System (ASAS) Analyst Control Element (ACE)

Building Tactical Intelligence Analysis Systems for the Army

SYSTEM DESCRIPTION

EWA Government Systems, Inc. provides prototyping, design, fabrication, upgrade, and repair for a tactical analysis system for the Army. The All Source Analysis System (ASAS) Analyst Control Element (ACE) consists of three M-877 Electronic Equipment Shelters which fit onto HMMWV trucks. These systems are built to maintain the electronic isolation integrity of each sheltered system.



EWA GSI acquires or fabricates all mechanical fixtures, custom cables, equipment protection devices, and other equipment to insure the mission equipment interoperates properly and is protected in a hostile military environment. Also, each unit is customizable to meet customer requirements such as rack configurations, weight, and etc. EWA GSI also provides quick reaction repairs, upgrades, and enhancements to units that have been deployed.

Under the scope of this project, EWA GSI has:

- Manufactured production level ASAS ACE tactical intelligence analysis systems.
- Integrated Government Furnished Equipment (GFE) mission electronics equipment into GFE shielded electronics shelters.
- Acquired or fabricated all mechanical fixtures, custom cables, equipment protection devices, and other equipment to insure the mission equipment interoperates properly and is protected in a hostile military environment.
- Developed and executed procedures to maintain electronic isolation integrity of the sheltered system and to achieve TEMPEST and EMI standards.
- Designed, fabricated, and integrated system upgrades required by mission changes or End of Life (EOL) for specific GFE.



- Built prototype systems containing the more complex upgrades for government testing.
- Surveyed systems and equipment returning from deployment and recommend most cost effective repair solutions.
- Repaired combat damaged systems as necessary, under Army RESET program