

## **BAIS Mission**

“The BAIS is a compact, sensor-based early warning system that is used by small tactical units for force protection and situational awareness missions. The BAIS can be used either as a tactical stand-alone system or as a supplemental device for other security missions.”

CSE understands that the Infantry platoons already overburdened with more than 100 pounds of gear and consuming 6.5 pounds of batteries every 24 hours per Soldier need lightweight equipment with long battery life.

- The BAIS in Operational Configuration with commercial batteries for a **30-day mission** - 2.5 times longer than the Threshold requirement - is 25% below the KPP Threshold System Weight of 15.5 pounds.
- With only three dual technology sensors, BAIS detects **and classifies** personnel across a 450 meter linear distance and up to 2100 meters for vehicles.



Since the selection of CSE's product after the Army's Analysis of Alternatives and COTS Market Survey in 2002, we've applied experience gained through 30 years of UGS development and production to satisfy this life-critical mission with highly reliable products. Working with the Army, we achieved Milestone C decision in October 2003 for the Platoon Early Warning Device-II by demonstrating a system that met or exceeded all Threshold Requirements, including the interoperability KPP, and subsequently approved as Army Type Standard nomenclatured AN/PRS-9, Battlefield Anti-Intrusion System (BAIS). Since 2006, CSE has delivered approximately 1800 fully MIL-Qualified systems to support US Army fielding requirements, ahead of schedule, without a single return. The BAIS is a highly reliable MOTS system that far exceeds the capabilities of existing commercial sensor systems thereby ensuring the safety of our warfighters. The AN/PRS-9 is an integral part of the Army's Base Expeditionary Targeting and Surveillance System – Combined (BETSS-C).

**“BAIS is the best choice for meeting the Army's UGS system requirement.”**  
**US Army Infantry Center, Nov 2008.**

CSE recently completed a significant upgrade to BAIS, currently undergoing qualification and user testing. This new system greatly exceeds Objective level user requirements. The upgraded BAIS system will be showcased in the upcoming Army Expeditionary Warrior Experiment (AEWE), Spiral F at Ft Benning, GA.