

Force Protection Systems

INVESTMENT COMPONENT

- Modernization
- Recapitalization
- Maintenance



MISSION

Detects, assesses, and responds to unauthorized entry or attempted intrusion into installations or facilities.

DESCRIPTION

Force Protection Systems consist of the following components:

Automated Installation Entry (AIE) is a software and hardware system designed to read and compare vehicles and personnel identification media. The results of the comparison are used to permit or deny access to installation in accordance with installation commanders' criteria. AIE will use a database of personnel and vehicles that have been authorized entry onto an Army installation and appropriate entry lane hardware to permit/deny access to the installation. The system will validate the authenticity of credentials presented by a person with data available from defense personnel and vehicle registration databases. AIE will have the capability to process permanent personnel and enrolled visitors, and to present a denial barrier to restrict unauthorized personnel. The system will also be capable of

adapting to immediate changes in threat conditions and apply restrictive entrance criteria consistent with the force protection condition.

The **Battlefield Anti-Intrusion System (BAIS)** is a compact, modular, sensor-based warning system that can be used as a tactical stand-alone system. The system consists of a handheld monitor and three seismic/acoustic sensors and provides coverage across a platoon's defensive front (450 meters). It delivers early warning and situational awareness information, classifying detections as personnel, vehicle, wheeled, or tracked intrusions.

The **Lighting Kit, Motion Detector (LKMD)** is a simple, compact, modular, sensor-based early-warning system providing programmable responses of illumination and sound. The LKMD enhances unit awareness during all types of operations and environments, including those in urban terrain.

SYSTEM INTERDEPENDENCIES

None

PROGRAM STATUS

- 4QFY10: BAIS contract award
- 4QFY10: LKMD procurement and fielding

PROJECTED ACTIVITIES

- FY02-13: BAIS procurement and fielding
- FY06-11: LKMD operational testing and procurement

ACQUISITION PHASE

Technology Development

Engineering & Manufacturing Development

Production & Deployment

Operations & Support

Force Protection Systems

FOREIGN MILITARY SALES

None

CONTRACTORS

BAIS:

L-3 Communications (Camden, NJ)

LKMD:

EG&G (Albuquerque, NM)

