

# 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

### BAIS:

- **2QFY11:** BAIS First Article Testing successfully completed
- **4QFY11:** BAIS production systems delivery and fielding

### LKMD:

- **1QFY11-4QFY11:** LKMD production and fielding
- **4QFY11:** LKMD RFP release for follow-on procurement contract

## PROJECTED ACTIVITIES

### BAIS:

- **2QFY12-4QFY13:** BAIS production and fielding
- **2QFY13:** BAIS RFP release for follow-on procurement

### LKMD:

- **2QFY12:** Award LKMD follow-on procurement contract
- **2QFY12-2QFY14:** LKMD production and fielding

## ACQUISITION PHASE

Technology Development

Engineering and Manufacturing Development

Production and Deployment

Operations and Support

**Force Protection Systems**

**FOREIGN MILITARY SALES**

None

**CONTRACTORS**

**BAIS:**

L-3 Communications-East (Camden, NJ)

**LKMD:**

EG&G Technical Services Inc.

(Albuquerque, NM)

