

# Countermine

## INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance



## MISSION

Provides Soldiers and maneuver commanders with a full range of countermine capabilities, plus immediate solutions to counter improvised explosive devices (IEDs) and other explosive hazards allowing the maneuver commander to achieve assured mobility on the battlefield.

## DESCRIPTION

The Countermine product line comprises several different systems:

- The **AN/VSS-6 Husky Mounted Detection System (HMDS)** is a ground-penetrating radar that upgrades the Vehicle Mounted Mine Detection (Husky) platform with the capability to detect and mark buried, low metal and metallic-cased IEDs and anti-tank landmines.
- The **Vehicle Optics Sensor System (VOSS)** is a multi-sensor camera system that allows route clearance and explosive ordnance disposal (EOD) Medium Mine Protected Vehicles (MMPV) the capability for on-the-move detection of IEDs.

- The **Interrogation Arm** provides route clearance MMPVs the capability for mechanical standoff interrogation of suspected IEDs.
- The **AN/PSS-14 Mine Detecting Set** is a handheld multi-sensor mine detector.
- The **Area Mine Clearance System (AMCS)** is a flail system that destroys all types of landmines.
- The **Autonomous Mine Detection System (AMDS)** will detect, mark, and neutralize hazards from a small, robotic platform.
- The **EOD** equipment product line provides capabilities such as the **Man-Transportable Robotic System (MTRS)** and dual-use blasting machines.
- The **Airborne Surveillance, Target Acquisition, and Minefield Detection System (ASTAMIDS)** is a small, multi-spectral sensor payload on aerial platforms.
- The **Ground Standoff Mine Detection System (GSTAMIDS)** provides mine detection, marking, and neutralization for maneuver forces.

## SYSTEM INTERDEPENDENCIES

### In this Publication

Mine Protection Vehicle Family (MPVF)

### Other Major Interdependencies

AMDS, ASTAMIDS, GSTAMIDS, HMDS

## PROGRAM STATUS

- **Current:** AN/VSS-6 HMDS, VOSS, and IED Interrogation Arm production and fielding continues in support of overseas contingency operations
- **Current:** AN/PSS-14 and MTRS full-rate production and Army-wide fielding continues through FY15

## PROJECTED ACTIVITIES

- **1QFY11:** AMDS Milestone B
- **3QFY11:** AMCS full-rate production decision

## ACQUISITION PHASE

Technology Development

Engineering & Manufacturing Development

Production & Deployment

Operations & Support

## Countermine

### FOREIGN MILITARY SALES

#### IED Interrogation Arm:

Netherlands

#### VOSS:

Canada

### CONTRACTORS

#### AN/PSS-14:

L-3 CyTerra Corp. (Waltham, MA;  
Orlando, FL)

#### ASTAMIDS:

Northrop Grumman Integrated Systems  
(Melbourne, FL)

#### GSTAMIDS:

BAE Systems (Austin, TX)

#### VOSS:

Lockheed Martin Gyrocam Systems LLC  
(Sarasota, FL)

#### IED Interrogation Arm:

FASCAN International (Baltimore, MD)

#### HMDS:

NIITEK (Sterling, VA)

#### AMCS:

A/S Hydrema (Denmark)

