

# Spider

## INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance

### MISSION

To provide the commander with a new capability to shape the battlefield, protect the force, and respond to changing battlefield environments in a graduated manner while minimizing risk to friendly troops and non-combatants.

### DESCRIPTION

Spider is a hand-emplaced, remotely-controlled, Man-In-The-Loop (MITL), anti-personnel munition system. Spider provides munition field effectiveness, but does so without residual life-threatening risks after hostilities end or when warring factions depart. The fielding of this system, with its sensors, communications, and munitions, changes the way Soldiers operate in an otherwise unpredictable battlefield. Each munition is controlled by a remotely stationed Soldier who monitors its sensors, allowing for more precise (non-lethal to lethal) responses—a significant advancement and advantage. The system's design allows for safe and rapid deployment, reinforcement, and recovery as well as safe passage of friendly forces. Spider eliminates the possibility of an

unintended detonation through early warning and selective engagement of enemy forces. Spider is designed for storage, transport, rough handling, and use in worldwide military environments.

### SYSTEM INTERDEPENDENCIES

Interface with Tactical Internet through Force XXI Battle Command Brigade-and-Below (FBCB2) and obstacle positioning through GPS.

### PROGRAM STATUS

- **2QFY09:** Fielding of urgent materiel release (UMR) Hardware to Operation Enduring Freedom (OEF)
- **4QFY09:** Award contract modification to procure up to an additional 125 systems

### PROJECTED ACTIVITIES

- **1QFY10:** Materiel release/type classification standard
- **1QFY10:** Full-rate production decision
- **3QFY10:** Full-rate production contract award

## ACQUISITION PHASE

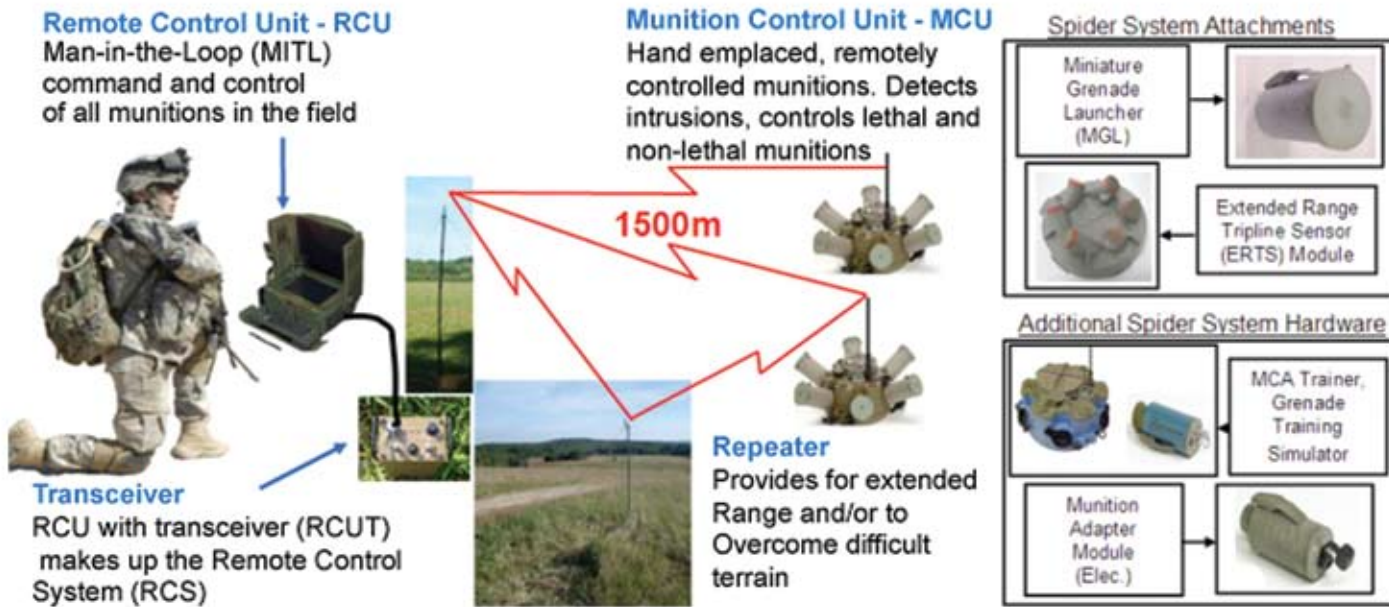
Technology Development

Engineering & Manufacturing Development

Production & Deployment

Operations & Support

**Spider**



**FOREIGN MILITARY SALES**

None

**CONTRACTORS**

**Prime:**

- Textron Defense Systems (Wilmington, MA)
- Alliant Techsystems (Plymouth, MN)

**Subcontractors:**

- Alliant Techsystems (Rocket Center, WV)
- BAE/Holston (Kingsport, TN)
- American Ordnance (Milan, TN)

