

Ground Combat Vehicle (GCV)

INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance

MISSION

Provides the infantry squad with a highly mobile, protected transport on the battlefield.

DESCRIPTION

The Ground Combat Vehicle (GCV) is a critical element of the Army's effort to transform, replace, and improve its Combat Vehicle fleet. The GCV Infantry Fighting Vehicle (IFV) will provide force protection to deliver a nine-Soldier infantry squad in an improvised explosive device (IED) threat environment. It will protect occupants from IEDs, mines, and other ballistic threats with scalable armor that provides mission flexibility for the commander.

The GCV IFV will be designed with sufficient power and space to host the Army's advanced network. The IFV will feature an open architecture to facilitate the integration of current and future communications, computers, and surveillance and reconnaissance systems. The GCV IFV will have enhanced mobility to allow it to operate effectively in a variety of complex environments, including

urban and cross country terrain. The GCV IFV's organic weapons will be capable of providing both destructive fires against armored vehicle threats and direct fire support for the squad during dismounted assaults. Flexible capabilities can shape the operating environment with effects that can vary from a "shove" to a lethal overmatch.

SYSTEM INTERDEPENDENCIES

None

PROGRAM STATUS

- **FY12:** Competitive Development prior to Engineering and Manufacturing Development Phase; Non-Developmental Vehicle Assessment; AoA Dynamic Update; Conducted Knowledge Points in preparation for staffing of Draft Capabilities Development Document

PROJECTED ACTIVITIES

- **4QFY11-1QFY14:** The Technology Development phase
- **1QFY14:** Milestone B

ACQUISITION PHASE

Technology Development

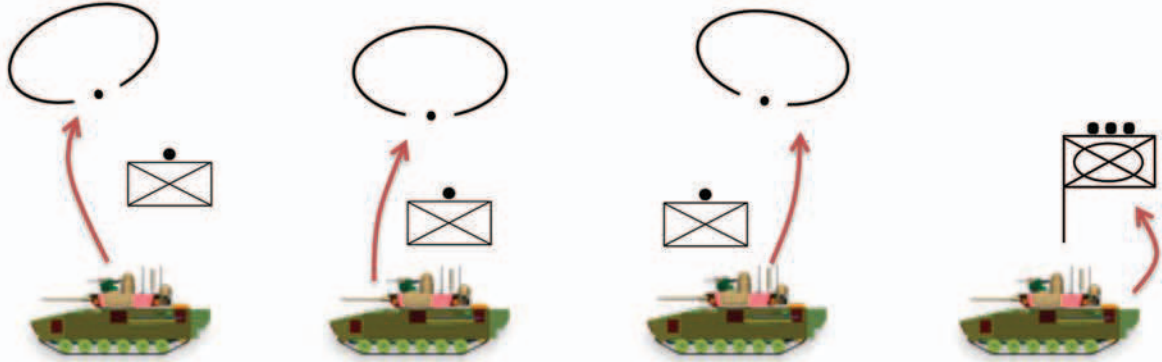
Engineering & Manufacturing Development

Production & Deployment

Operations & Support

Concept of Operation: Squad Deployment

GCV Platoon



PL
 Medic, RTO, FO
 Interpreter, PRT, etc.

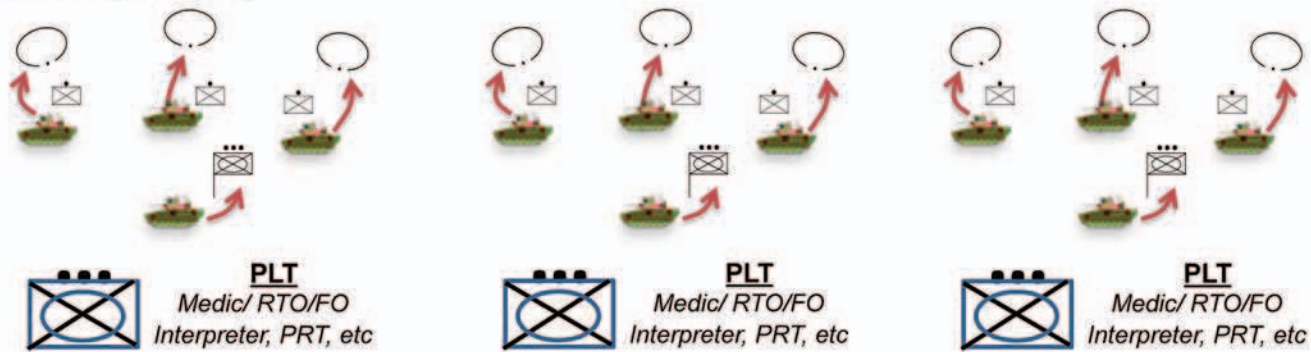
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FOREIGN MILITARY SALES
 None

CONTRACTORS
 To be determined

Concept of Operation: Platoon Deployment

GCV Infantry Company



**Distributed Combat Power
 Decentralized Operations**

