

Ground Combat Vehicle (GCV)

INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance

MISSION

Provides the infantry squad with a highly mobile, protected transport to decisive locations 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-man 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.

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 county terrain, while carrying a full infantry squad plus crew of three.

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

- **FY10:** Completed materiel development decision; currently proceeding to a Milestone A decision for approval to enter into the technology development phase

PROJECTED ACTIVITIES

- **Ongoing:** The GCV IFV program will go through competitive development as well as technology development and engineering and manufacturing development phases before entering production; first production of GCV IFV is expected approximately seven years from award of technology development contracts

ACQUISITION PHASE

Technology Development

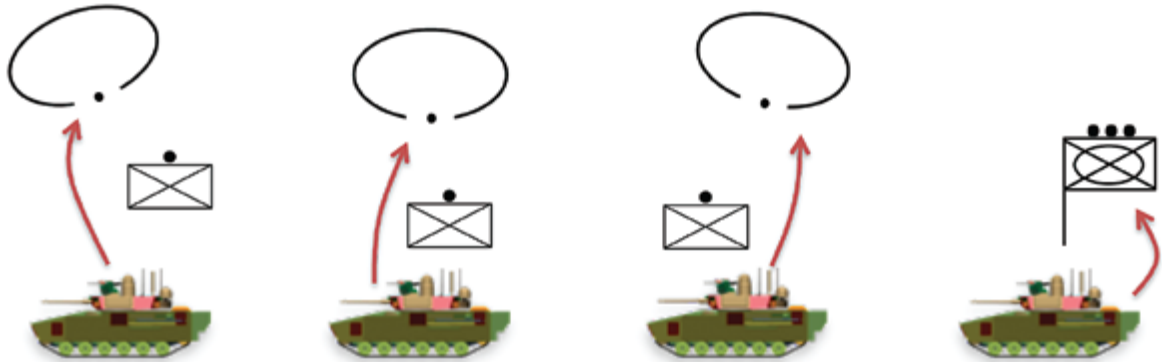
Engineering & Manufacturing Development

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

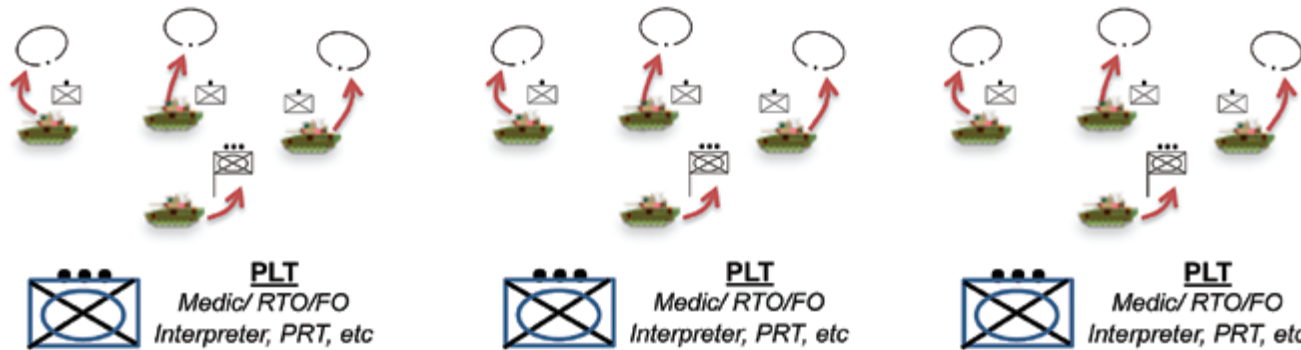
To be determined

CONTRACTORS

To be determined

Concept of Operation: Platoon Deployment

GCV Infantry Company



PLT
 Medic/ RTO/FO
 Interpreter, PRT, etc

PLT
 Medic/ RTO/FO
 Interpreter, PRT, etc

PLT
 Medic/ RTO/FO
 Interpreter, PRT, etc

**Distributed Combat Power
 Decentralized Operations**

