

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 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. 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. 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

- **FY11:** Competitive Development prior to Engineering and Manufacturing Development Phase; issued Request for Proposals for Technology Development Phase of three phase program; DAE approved entry of GCV into the Technology Development Phase on 17 August 2011 in accordance with the Milestone A Acquisition Decision Memorandum
- **1QFY12:** Technology Development Phase began

PROJECTED ACTIVITIES

- **3QFY13:** Technology Development Phase completed, Milestone B

ACQUISITION PHASE

Technology Development

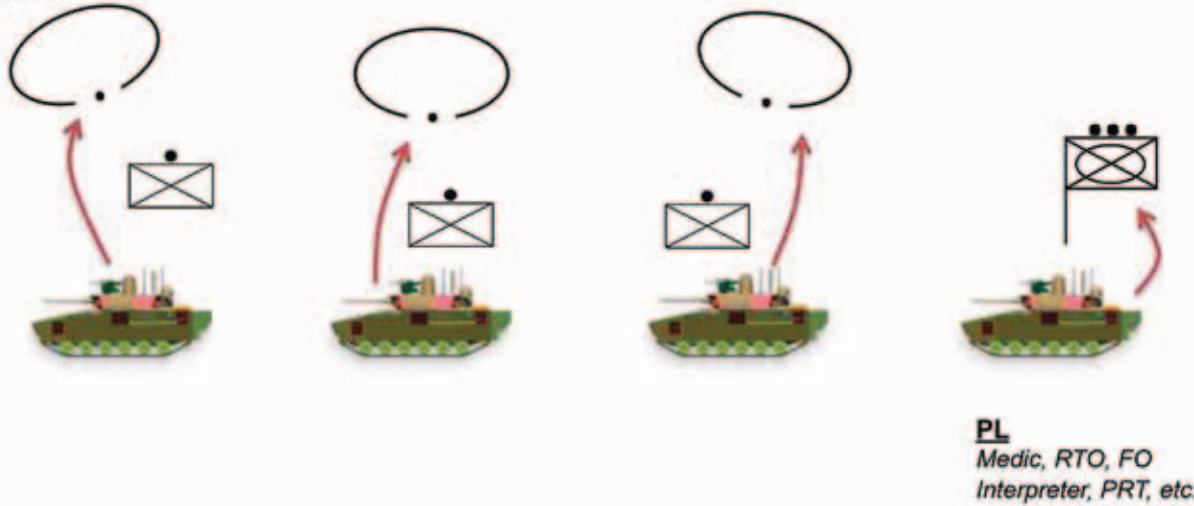
Engineering and Manufacturing Development

Production and Deployment

Operations and Support

Concept of Operation: Squad Deployment

GCV Platoon



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FOREIGN MILITARY SALES

None

CONTRACTORS

To be determined

Concept of Operation: Platoon Deployment

GCV Infantry Company

