

Land Warrior (LW)

Provides the warfighter with unprecedented tactical awareness and significant improvements in lethality, survivability, mobility, and sustainment in a single system of systems.



DESCRIPTION AND SPECIFICATIONS

Land Warrior (LW) is a first-generation, modular fighting system that combines small arms with high-tech equipment for infantry soldiers and soldiers in support of the close fight. Currently in development, LW consists of a computer, a radio, a customized rifle, and a helmet-mounted display eyepiece, all linked electronically. The system delivers enhanced soldier and small unit tactical awareness, lethality, survivability, battle command and control, mobility, sustainment, and training and mission rehearsal.

Integrating state-of-the-art commercial and government technologies with individual protective and load-carrying equipment, LW links soldier and system to the digital battlefield. LW technologies include embedded digital and voice communication, computer processing, lasers, and geolocation. Interoperable with the Army Battle Command System, the system's approach optimizes and integrates multiple capabilities with minimal impact on the soldier's combat load and logistical footprint.

Building on LW, the LW-Stryker Interoperable (LW-SI) will be fielded with Stryker light armored vehicles that house technology compatible with LW. LW-SI will meet requirements through spiral development and risk-reduction activities: software stability and reliability data and end-user feedback will be collected during field trials as a direct, risk-reduction feed to LW-SI development.

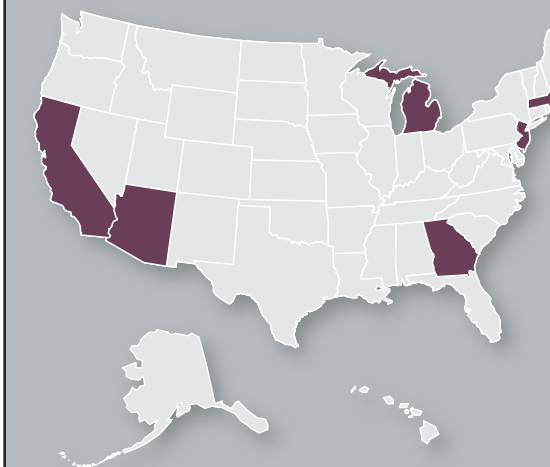
The Dismounted Battle Command System (DBCS), an early spiral-out from LW, improves infantry unit battle command and tactical awareness. It consists of a Microlight Enhanced Position Location Radio System for team leaders and above, and a new form factor Commander's Digital Assistant (NFF CDA) for leaders at platoon level and above. DBCS will be fielded in FY05 for immediate improvement in tactical awareness and battle command in support of the war on terrorism.

PROGRAM STATUS

- 1-2QFY05 Force XXI Battle Command Brigade & Below (FBCB2) CDA Training and Operation Iraqi Freedom deployment with 525th MI Bde and 519th MI BN
- 1QFY05 NFF CDA user evaluation at Ft. Benning, GA
- 1QFY05 Dismounted Battle Command System (DBCS) program design review and concept design review
- 1QFY05 LW-SI ensemble engineering development test at Ft. Benning

PROJECTED ACTIVITIES

- 3QFY05 DBCS developmental and operational testing/Milestone C
- 4QFY05 Fielding and sustainment of DBCS to one SBCT
- 2QFY06 Ground soldier system Milestone B
- 3QFY06 DBCS full rate production decision
- 2QFY07-1QFY08 Ground soldier system test and evaluation
- 2QFY08 Ground soldier system Milestone C
- 3QFY08 Ground soldier system first unit equipped to EXFOR at Ft. Benning



Land Warrior (LW)

CONTRACTORS

Prime General Dynamics C4 Systems (Scottsdale, AZ)
 Computer Sciences Corp. (Eatontown, NJ)
 Omega Training Group (Columbus, GA)
 Raytheon (El Segundo, CA)
 General Dynamics C4S (Taunton, MA)
 General Dynamics Land Systems (Sterling Hts, MI)

INVESTMENT COMPONENT

Modernization

ACQUISITION PHASE

- System Development and Demonstration