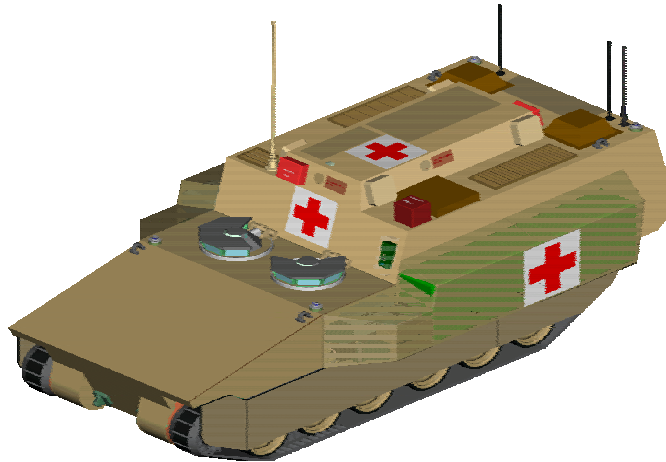
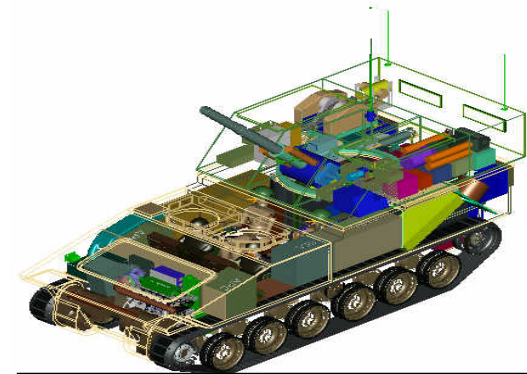
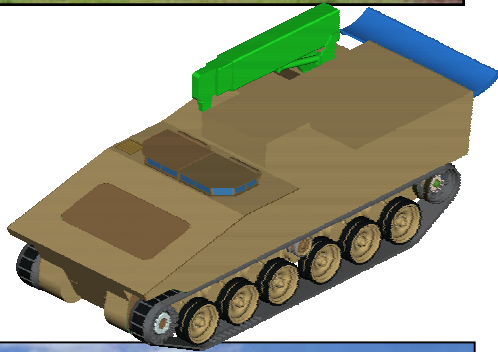
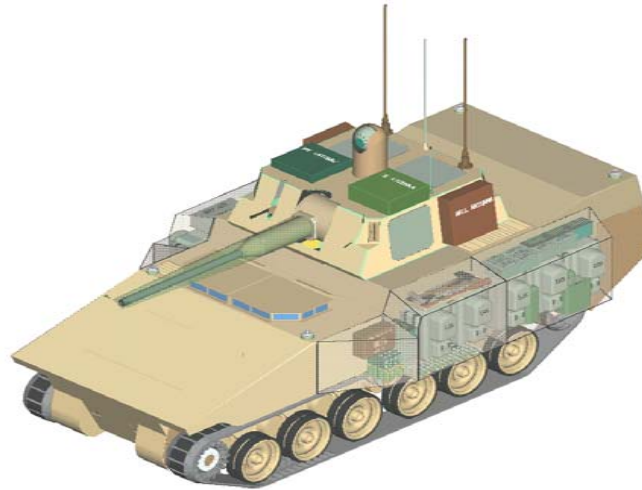


# Manned Ground Vehicles Update

United Defense

<http://www.udlp.com>



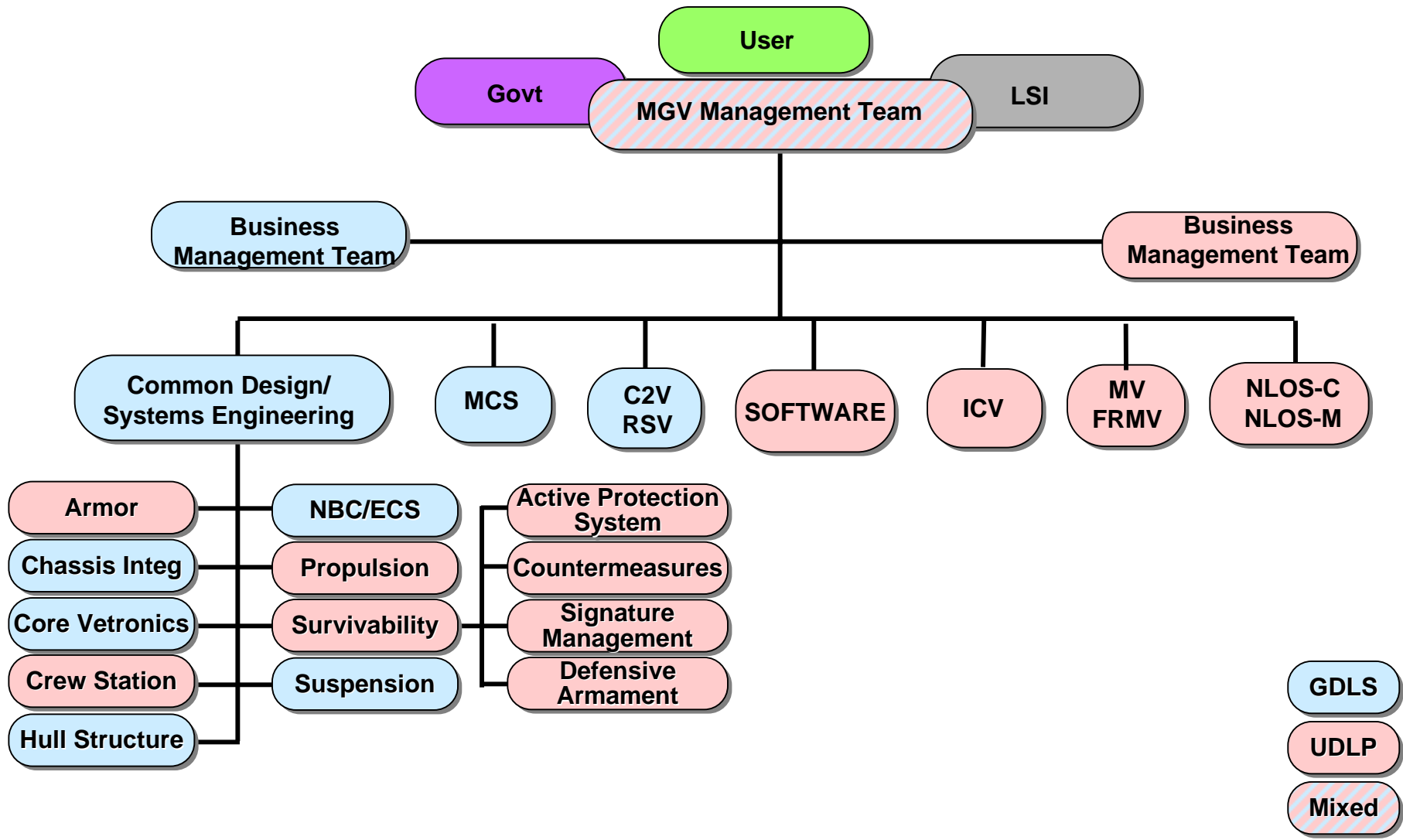
FCS APBI Suppliers' Conference, 30-31 October 2003

***"One Team - Equipping our  
Warfighters with the world's  
best capability. "***

# *FCS Program Tenets = Critical Enablers*

- Create Opportunities for the *Best of Industry* to Participate
- Leverage Government *Technology* Base to Maximum Extent
- *Associate* On-Going Enabling Efforts With LSI-Led Activity
- *Collaborative Environment* from Design Through Life Cycle
- Seek maximum *Commonality* at Subsystem/Component Level
- Design/Plan for *Technology Integration & Insertion*
- Maintain and Shape the *Industrial Base* for the Future
- Retain *Competition* throughout Objective Force Acquisition
- Appropriate *Government Involvement* in Procurement Processes
- Consistent and Continuous *Definition of Requirements*
- Maintain and Shape *Government Acquisition* Community
- Program *Affordability — Balance* Performance and Sustainment
- Contribute to Achieving *Irreversible Momentum*

# FCS MGV Responsibilities

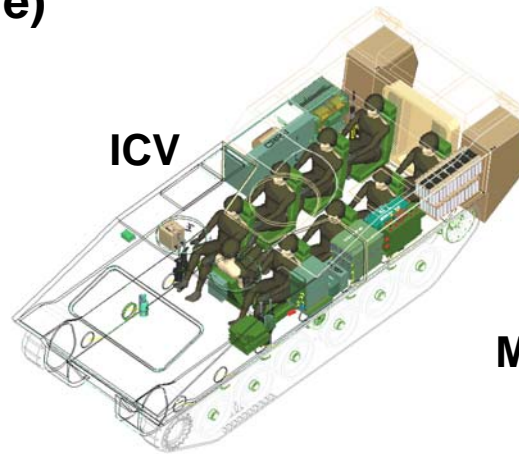
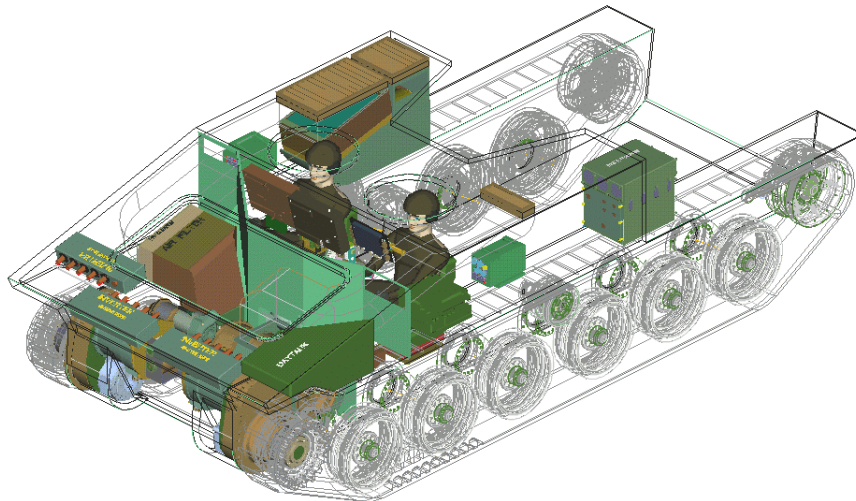


# MGV Family of Variants w/Common Design

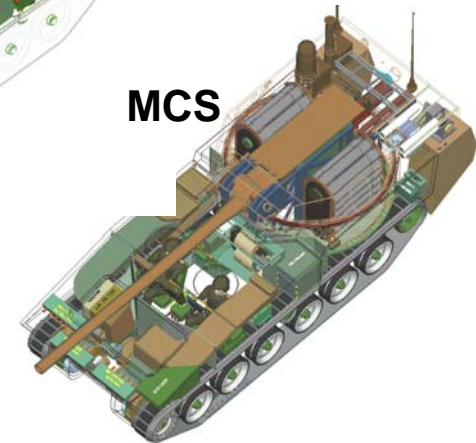
United Defense

<http://www.udlp.com>

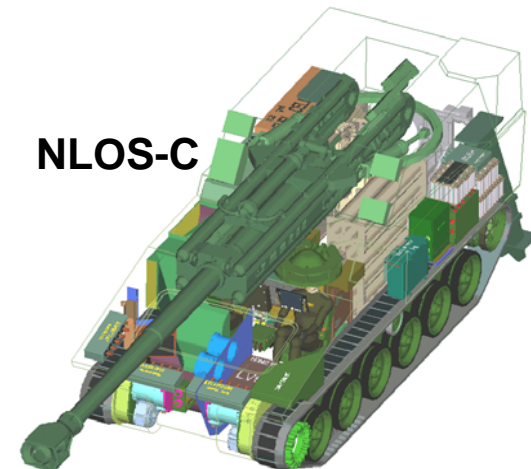
## MGV Common Design Concept (Baseline)



ICV



MCS



NLOS-C

- Lower hull and front upper hull (titanium, composite, ceramic)
- Hybrid electric propulsion (controls, engine, battery, power management, cooling, grilles, ducts, fuel system)
- Semi-active suspension and band track
- CBRN and environmental control
- Vetrionics and SMI: Crew cockpit, hatches, displays with mission-tailorable software and hardware

**Procurement items from Common Design (chassis subsystems/components) and Variant Design (mission module elements) are to be determined**

# UDLP Procurement Approach

- Maximize competition for award of an estimated 35 to 50 SDD subcontracts
- Insure Best of Industry by leveraging LSI BIA studies, industry days and trade shows, including small, small disadvantaged, women owned and veteran owned businesses
- Augment history and supplier data base from Crusader, Bradley, FSCS and other related UDLP (and GDLS) programs
- Seek maximum participation by inviting potential suppliers to submit information/data for consideration
  - Suppliers do not have to be on Potential Supplier List to submit information
  - Pre-RFP/RFI supplier-initiated technical marketing is encouraged
  - Initial requests must go through the UDLP GSD Supplier Coordinators

UDLP procurements will be managed in close partnership with GDLS, LSI and Army

- Purpose: to obtain Industry Information without getting into Proprietary Data
- RFIs being issued now through 1Q 2004
- RFIs Released To Date
  - Chemical Biological Radiological and Nuclear (CBRN) Detection and Warning Reporting
  - NBC Water Filtration
  - Power Converter
  - Actuators
  - Traverse Bearing

- Potential Future RFIs
  - Driving Sensors
  - Crew Station Displays
  - Electrical Crew Station Subsystems
  - Mechanical Crew Station Subsystems
  - Fire Control Electronics
  - Active Protection Systems
  - Ammo Systems
  - Armament Systems
  - Countermeasures



# Requests for Proposal (RFP)

- Requests for Proposals: issued 4Q 2003 through 4Q 2004
- IPT Leads & variant PMs develop Scope of Work and Requirements
- IPTs & PMs with SCAs review all potential supplier information
- Competition is the rule
  - all Single Source decisions must be approved by the LSI
- RFPs released with 30-60 days response
- Best Value Source Selection Process Utilized
- Upon Release of Request for Proposals
  - All informal conversations and discussions cease
  - Only formal contract award process discussions
  - Managed through the Subcontracts Organization
  - Equal information flow to all bidders

UDLP procurements will be managed in close partnership with GDLS, LSI and Army

# The FCS Competition Firewall

- Assures fair and open competition
- Buyers/Inside and Sellers/Outside
- No FCS Competition Sensitive information passes from inside to outside
- Separates UDLP procurement participants (including technical/design staff with knowledge of subsystems being procured) from potential internal and external competitive bid teams
- The UDLP Subcontracts Organization stands between the IPTs/PMs & Suppliers to ensure Procurement Integrity
- **Note: Suppliers must adhere to all FCS firewall requirements and, if deemed necessary, to establish their own firewall**

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