

BAE Systems & Navistar Defense

JLTV Valanx Team

The U.S. Joint Forces have challenged the industry to bring forth a new tactical wheeled vehicle platform that will provide increased force protection, survivability and improved capabilities over today's fleet. BAE and Navistar have stepped up to the challenge with a Warfighter-centric Joint Light Tactical Vehicle (JLTV) design that provides the foundation for a family of vehicles that will offer unmatched strength, protection and support for the Warfighter for decades to come.

The BAE and Navistar team is ready to support the Joint Services and was one of three teams selected to compete in the next phase of the JLTV program – a 27-month technology demonstration. The team will submit its JLTV Valanx vehicle for testing.



BAE Systems-Navistar Defense Joint Light Tactical Vehicle Team

Unmatched from Concept to Combat

VEHICLE DESIGN AND PERFORMANCE ADVANTAGES

- Optimizes the “iron triangle” to meet all requirements of payload, protection and performance.
- Built with the vehicle occupant in mind. Using human factors as the design driver, it aims to improve operational performance, safety, comfort, and the experience of the end user over today’s tactical vehicles.
- Maximizes value and life-cycle relevancy.
 - World-class lean manufacturing capability.
 - Leveraging commercial technology advancements.
 - Best in design.
 - Modular design supports future technology.
- Ensures current and future network compatibility by leveraging BAE Systems extensive experience with integrating C4ISR technology into combat vehicles.
- Facilitates the use of active protection and other advanced survivability solutions.
- Incorporates lessons learned from the Mine Resistant Ambush Protected (MRAP) vehicle program.
- Features the latest in lightweight, advanced armor and a V-shaped hull design to provide unmatched crew protection.
- Out-performs existing tactical systems by providing exportable power that exceeds JLTV requirements and existing MRAP capabilities.

This team features the defense industry’s most innovative vehicle design and development firm, **BAE Systems**, with the nation’s most capable high-volume producer of military trucks and spare parts, **Navistar Defense**, in a cohesive team that is already working together for the benefit of the joint U.S. customer on programs like MRAP.

BAE SYSTEMS

- Team prime
- Premier global aerospace and defense company
- Leader in combat systems design excellence
- Successfully produced and supported more than 200,000 combat and tactical vehicles - more than any other supplier
- Provide most MRAP variants

NAVISTAR DEFENSE

- World class supply chain management and manufacturing expertise
- Best in class commercial production
- Average 100,000 vehicles produced per year
- Highest-volume Category I MRAP supplier
- Over half-million engines produced in 2007
- Worldwide logistics footprint

JLTV Team

- Design excellence
 - Leader in combat vehicle survivability
 - CMMI Level 5 software and certified
- Manufacturing expertise and capacity
 - 400+ vehicles per day production, giving unmatched supply chain flexibility
- Systems Integration
 - Majority of fielded U.S. armored combat vehicles
- Through-life support
 - Maximize commonality
 - Global logistics base