



Ground Vehicle Robotics

Mr. Jim Parker
Associate Director



U.S. ARMY TANK AUTOMOTIVE RESEARCH, DEVELOPMENT AND ENGINEERING CENTER (TARDEC)

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Unclassified

Robotics Data Points

CJCS talks about unmanned convoys:

According to article in Omaha World Herald (27 June 2012):

- The US military will one day use unmanned trucks driven by remote control to deliver supplies in war zones
- "We could save a lot of lives"

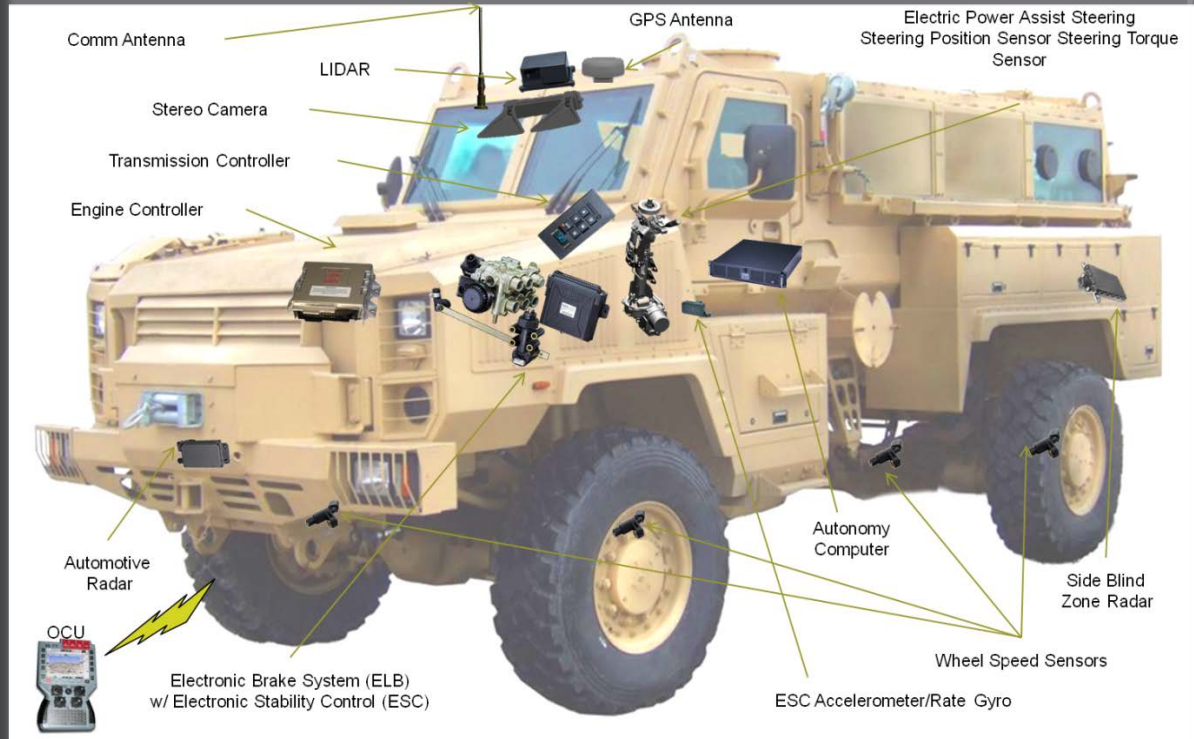
OSD Priority Investment Area (6/7):

Autonomy – science and technology to achieve autonomous systems that reliably and safely accomplish complex tasks, in all environments.



Unclassified Ground Vehicle Robotics (GVR) Mission

Provide Transition-Ready, Cost-Effective, and Innovative Robotics and Control System Solutions for Manned, Optionally-Manned, and Unmanned Ground Vehicles, driven by War Fighter Requirements, through Advanced Technology Research, Development, Experimentation, and System Integration

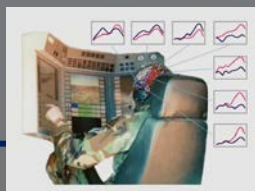


The Birthplace of Army Ground Robotics



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GVR Activities



Transition

Requirements

Concepts

Analysis

Component Development

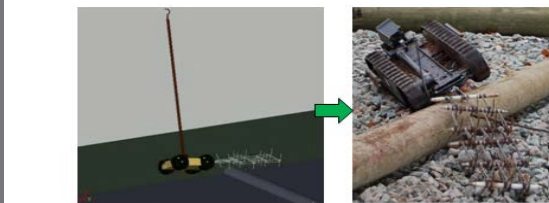
Component Testing

System Integration

Virtual Proving Ground

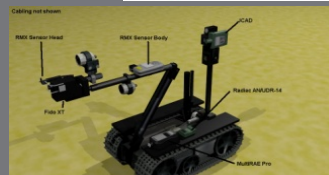
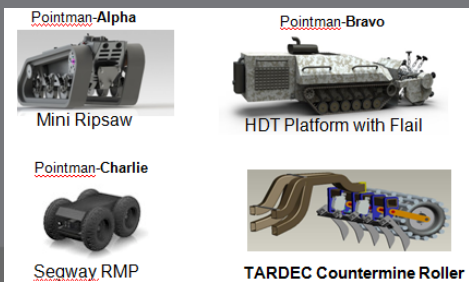
Vehicle Testing/Demo

Supporting the Current Force



Enabling the Future Fight

A+B+C

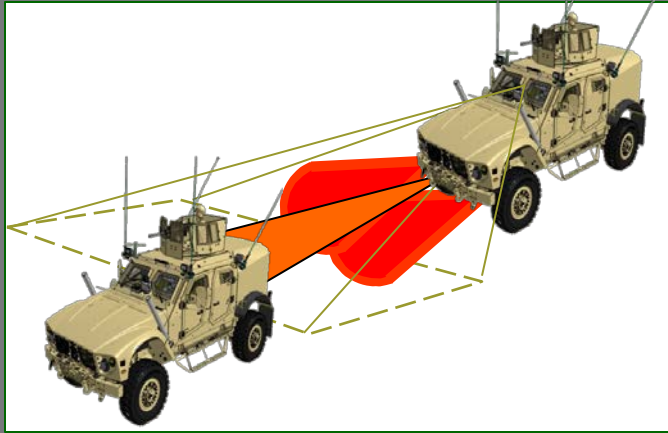


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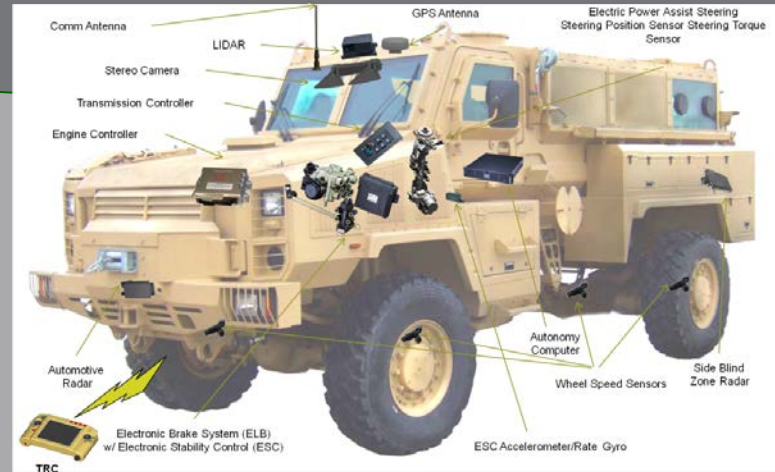


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Current Program Areas



Active Safety Technologies



Optionally Manned Vehicles



Lighten the Load

Interoperability

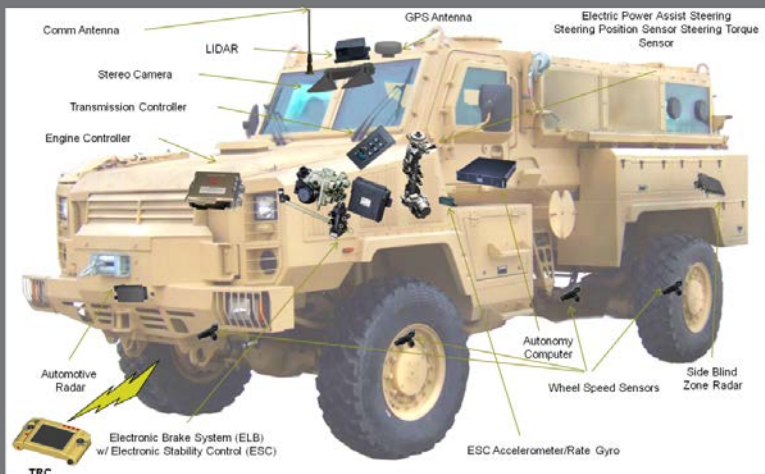


Distributed Soldier Autonomy Tools

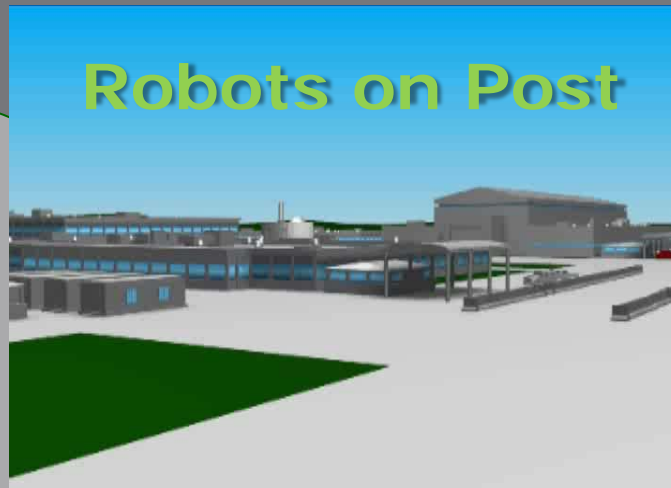


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Future Program Areas



Optionally Manned Vehicles

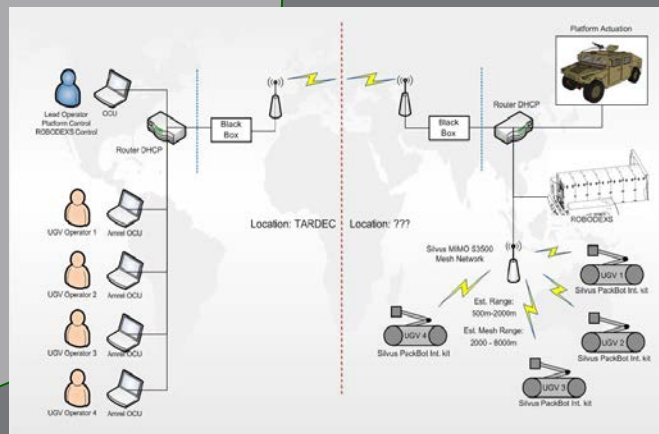


ARIBO



Distributed Soldier Autonomy Tools

Interoperability



Long Distance Tele-op



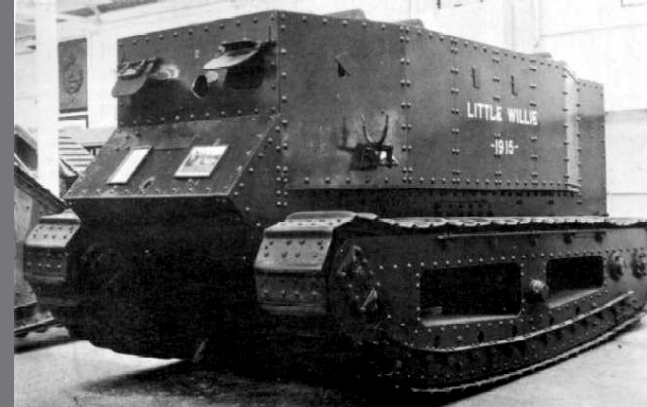
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A History Lesson

1957



1915





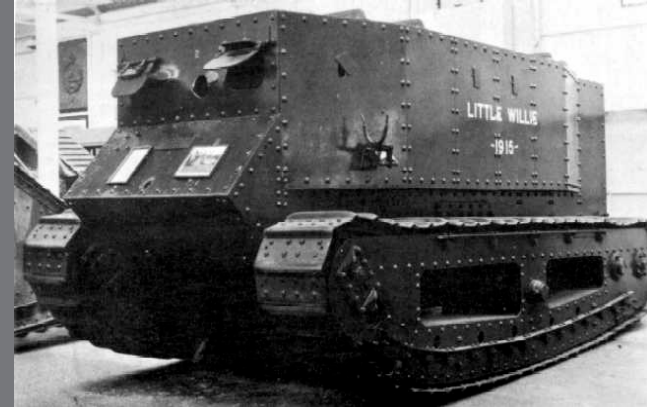
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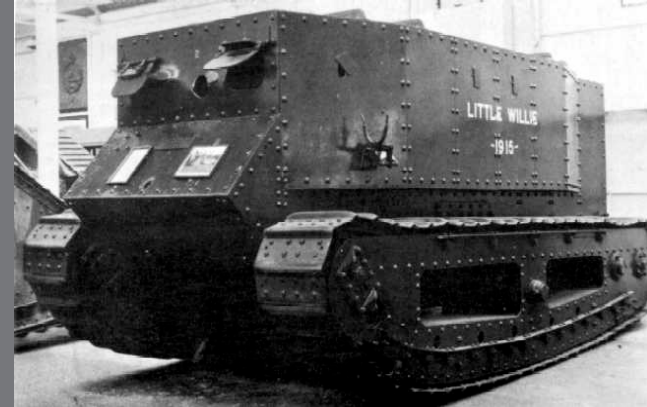
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A History Lesson

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2012



1970



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Questions?

