



TECHNOLOGY DRIVEN. WARFIGHTER FOCUSED.



TARDEC Technology Integration

Dr. Paul Rogers

15 April 2008

Report Documentation Page

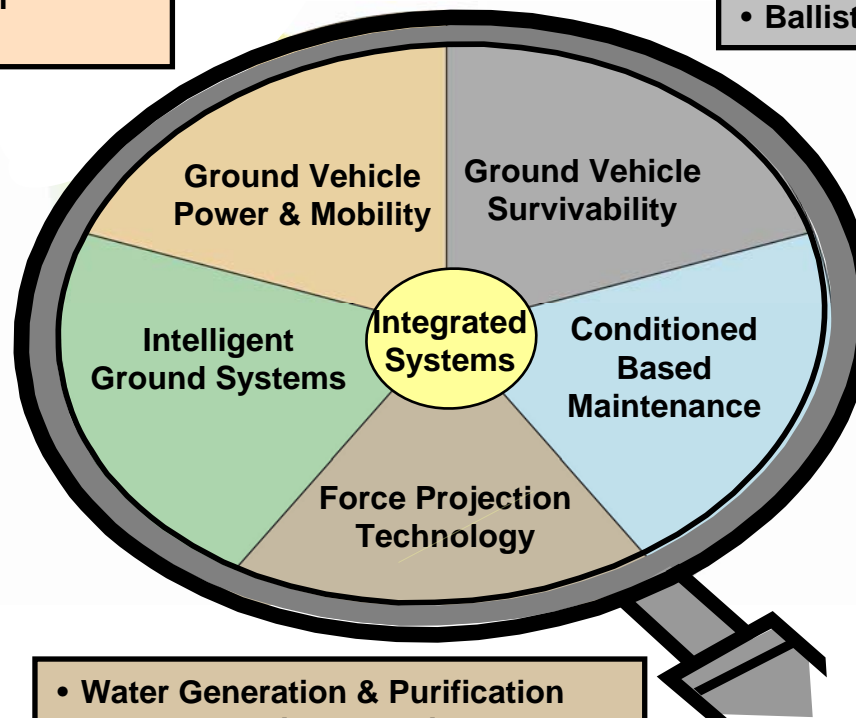
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- Hybrid Electric
- Pulse Power
- Engines
- Fuel Cells
- Suspension
- Tracks

- Active Defense
- Signature Management
- Laser Vision Protection
- Ballistic Protection



- Robotic Systems Technology
- Human-Robot Interaction
- Crew Interface and Automation
- Robotic Follower ATD
- ARV Robotic Technologies Program

- Diagnostics/Prognostics
- Data Analytics
- Sensor Integration
- Network Architectures
- Predictive Maintenance

- Water Generation & Purification
- Petroleum, Oils & Lubricants
- Mechanical Countermine
- Combat Engineering/Bridging
- Gap Crossing
- Future Truck System

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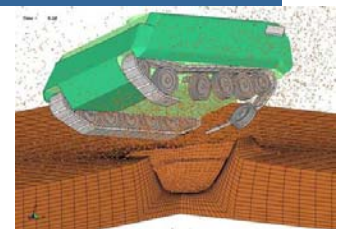
GROUND VEHICLE POWER & MOBILITY

- Hybrid Electric
- Pulse Power
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INTEGRATED SURVIVABILITY

- Active Defense
- Signature Management
- Laser Vision Protection
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Predictive analysis of blast events – structures & crew

LIGHTWEIGHT TRACK PROGRAM

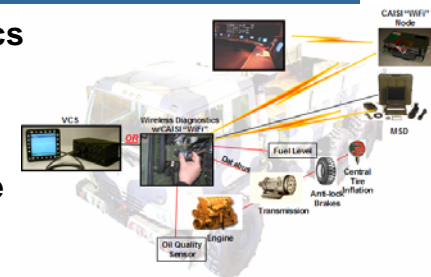
INTELLIGENT GROUND SYSTEMS

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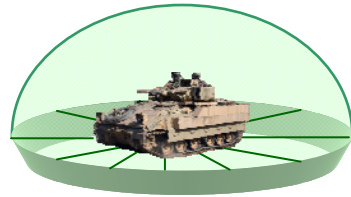


CONDITION BASED MAINTENANCE

- Diagnostics/Prognostics
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Battery Pack w/ Integrated Heat Exchanger

INTEGRATED SURVIVABILITY

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Image Fusion Technology

360 DEGREE SITUATIONAL AWARENESS

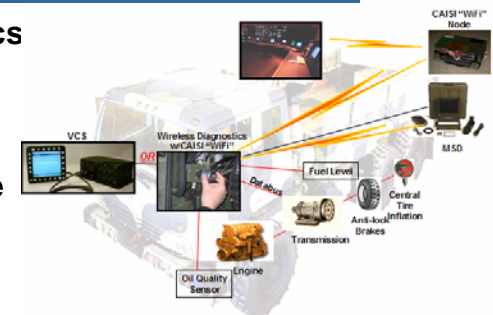
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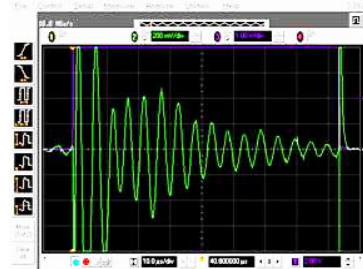


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SMART ARMOR & SMART STRUCTURES

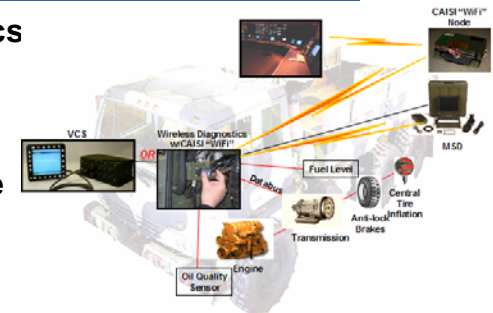
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