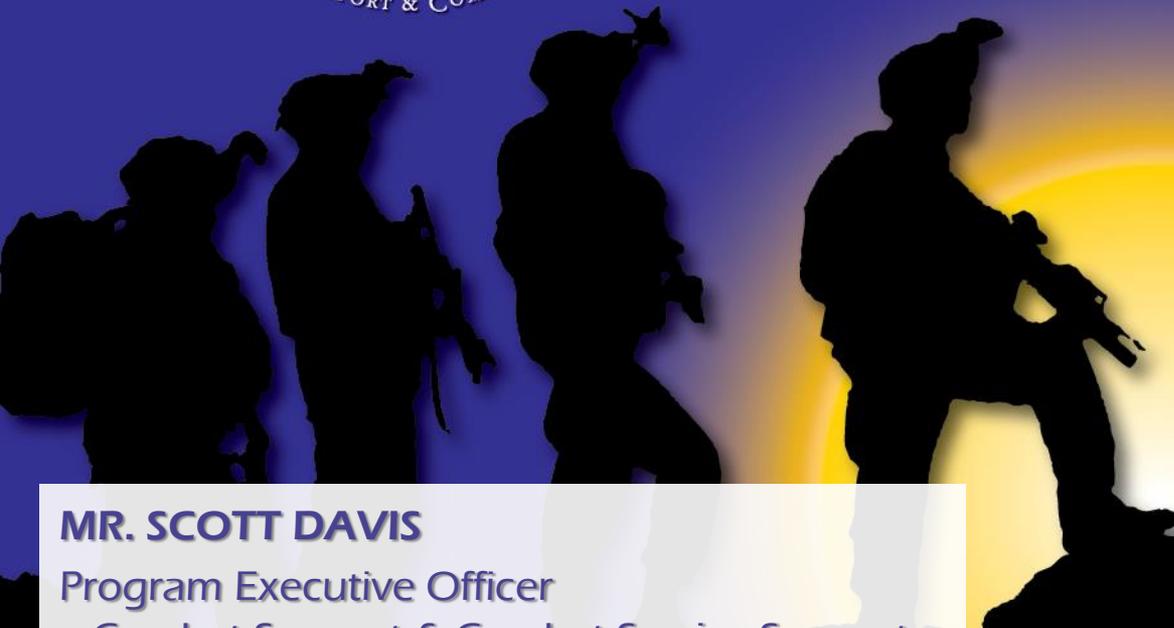




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PEO Perspective



MR. SCOTT DAVIS

Program Executive Officer

Combat Support & Combat Service Support

UNCLASSIFIED

2015



PEO CS&CSS Organization



Program Executive Officer
Mr. Scott Davis



Deputy PEO (Acting)
Mr. Michael Cadieux



Expeditionary Energy & Sustainment Systems
PM: COL Maurice Stewart
DPM: Mr. Paul Richard

PdM Small Power Sources
Mr. Mark Corzine

PdM Large Power Sources
LTC Senodja Sundiata-Walker

PdD Battery Power Sources
Mr. Cory Goetz

PdM Force Sustainment Systems
LTC Frank Moore

PdD Contingency Basing Infrastructure
Ms. Kathy Lytle



Force Projection
PM: Mr. Bryan McVeigh
DPM: Mr. Steve Roberts

PdM Bridging
LTC Jeff Biggans

PdM Combat Engineer/Material Handling Equipment
LTC Garth Winterle

PdM Petroleum & Water Systems
LTC Craig Fournier

PdM Sets, Kits, Outfits & Tools
LTC Christopher Ford

PdD Test, Measurement, & Diagnostic Equipment
Mr. George Mitchell

PdM Appliqué & Large Unmanned Ground Systems
LTC Cory Berg

PdM Unmanned Ground Vehicles
Mr. Louis Anulare

Robotics Logistic Support Center
Ms. Michelle Link



**Joint Program Office
Joint Light Tactical Vehicle**
PM: COL Shane Fullmer
DPM: Mr. Mike Sprang
DEP-USMC: Mr. Andrew Rodgers

PdM JLTV Test
LTC Misty Martin

PdM Vehicle Systems (Provisional)
LtCol John Gutierrez



Mine Resistant Ambush Protected Vehicles
PM: COL Jason Craft
DPM: Mr. Michael Loos

PdM Joint Logistics
LTC Joel Franklin

PdM Assured Mobility Systems
Mr. Mark McCoy



Transportation Systems
PM: COL Dan Furber
DPM: Ms. Pat Plotkowski

PdM Medium Tactical Vehicles
LTC Frank Bridges

PdM Heavy Tactical Vehicles
Mr. Wolfgang Petermann

PdM Allied Tactical Vehicles
LTC John Hall

PdD Army Watercraft Systems
Ms. Zina Kozak-Zachary

PdD Light Tactical Vehicles
Mr. Steven Rienstra

* USMC



Where Are We Today?



- As an Army
 - Continuing to draw-down contingency operations...
 - ...while still supporting Soldiers engaged in ~ 150 countries
 - Facing continued uncertainty in budget **and** force structure
- Today's TWV Fleet
 - Benefited from substantial investment over the past decade, meaning relatively low average fleet ages today
 - Carries more protection than predecessors, but often at the cost of mobility performance

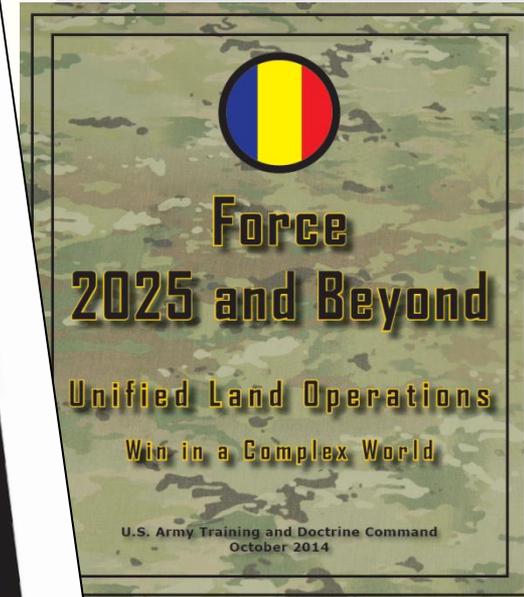
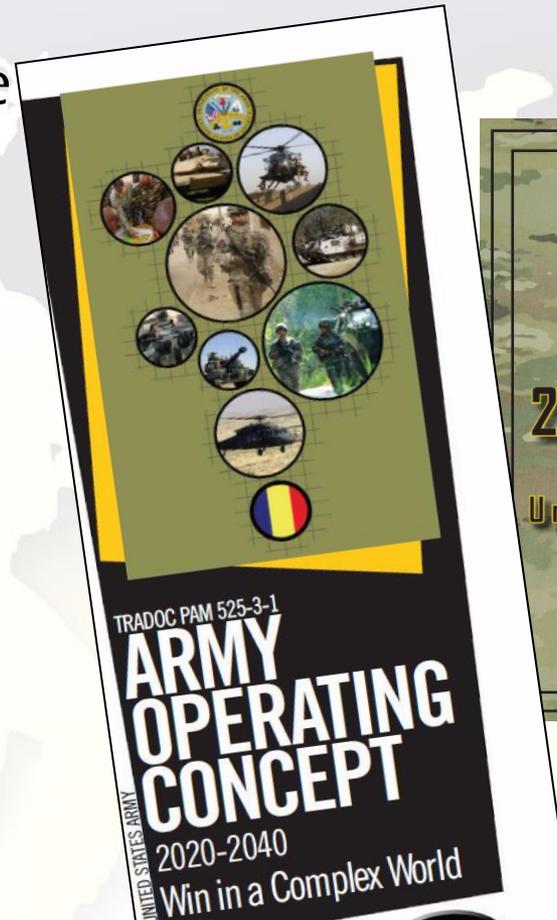
Fleet	Avg Age	Size
Light	6-7 yrs	~ 120,000
Medium	9 yrs	~ 80,000
Heavy	7-8 yrs	~ 40,000
MRAP	5 yrs	8,585



Where Are We Going?



- A leaner, more capable, more expeditionary force
- Considering more deliberate investment choices
 - Best align requirements, S&T advances, and programs
- Shaping the Force of 2025 and Beyond
 - Joint Light Tactical Vehicle
 - Ground Mobility Vehicle
 - Light Reconnaissance Vehicle
 - Autonomy-Enabled Capabilities
 - Network-enabled capabilities



**Army 2025 Portfolio Implications:
Unburden the Soldier. Shrink the Footprint.
More "Tooth" with the same or a smaller "Tail."**



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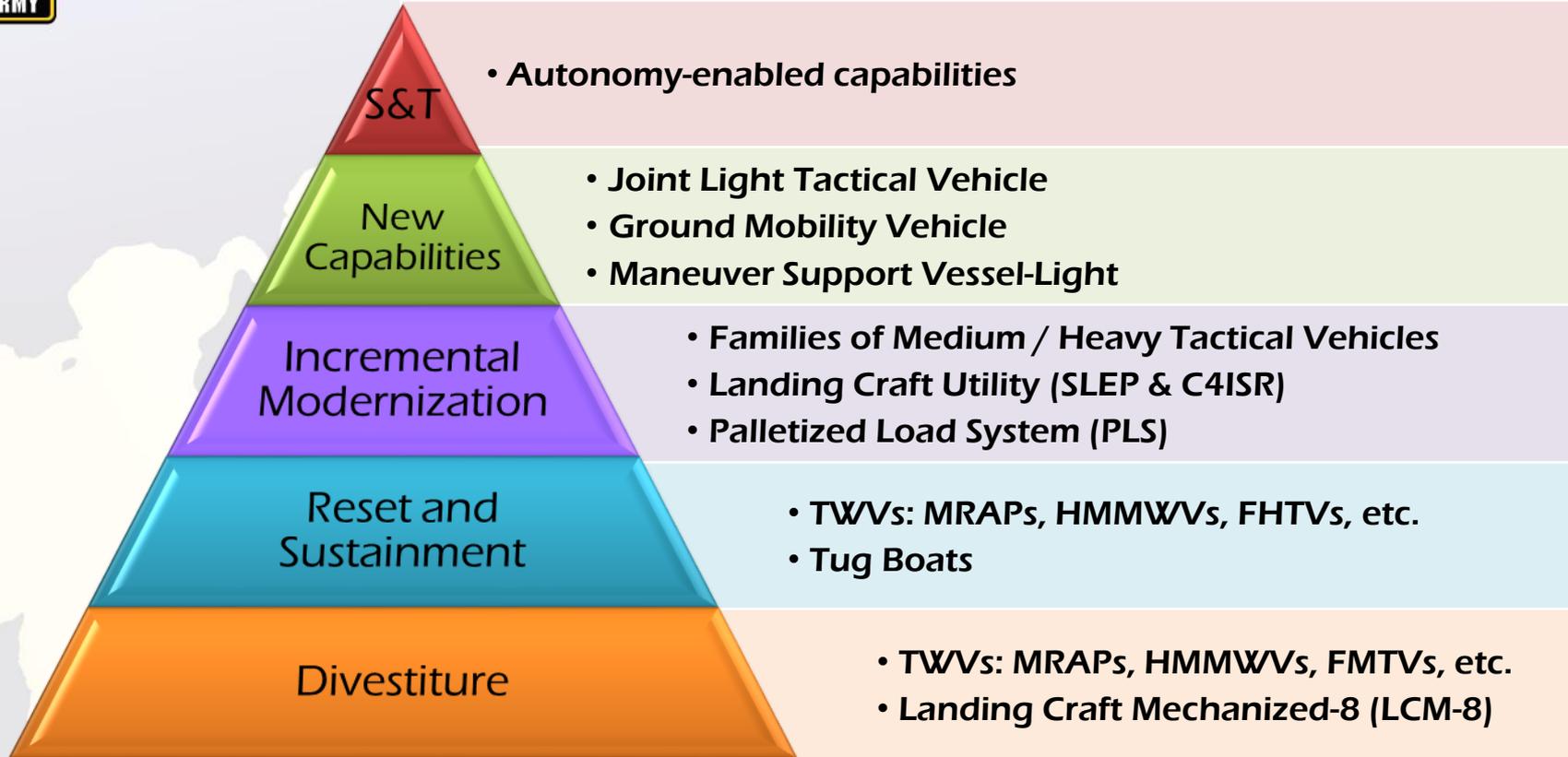
What Keeps Me Up At Night?



- Requirements
 - Clear?
 - Traceable to strategy?
 - Based on mature technology?
 - Affordable?
 - Military-specific vs commercial solutions?
 - Operational terms?
- Stakeholder involvement
- Cyber and Information Awareness
- Need for a fleet-wide perspective
- Next steps in key program areas



How Can You Help?



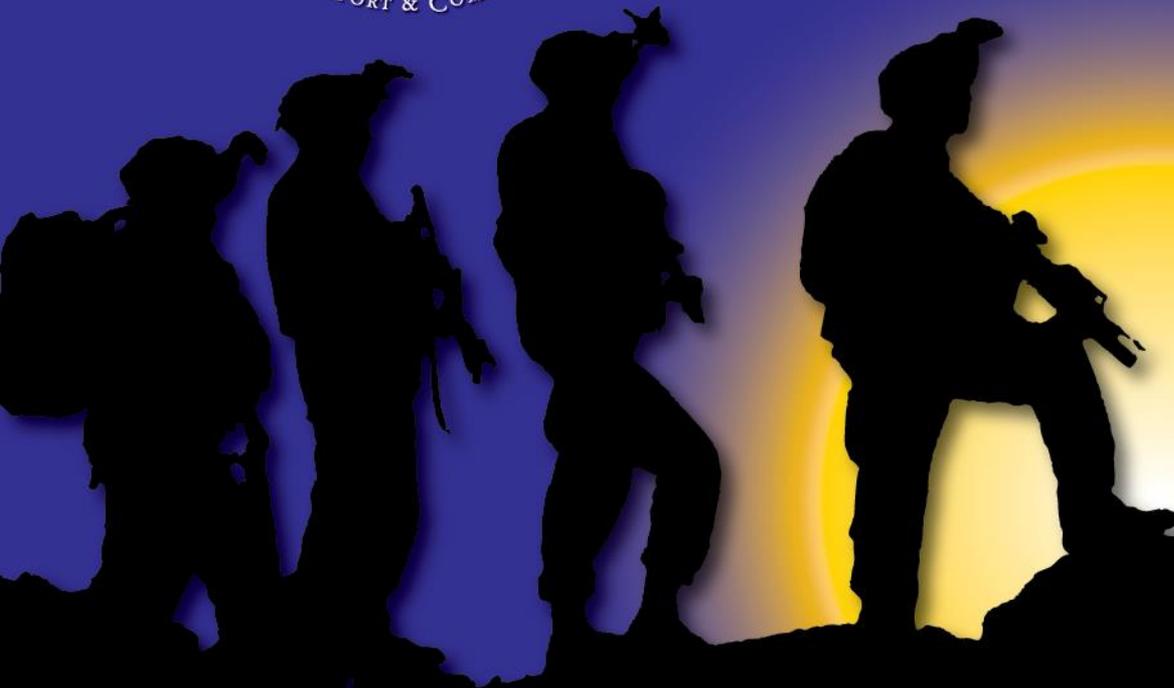
- How can we better view and manage equipment fleets?
- How do we invest now to reduce sustainment costs later?
- What technologies are ready now?
- Provide clear and open feedback on Technological Maturity, Requirement Achievability, Cost



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Questions?





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PEO CS&CSS Portfolio



Expeditionary Energy & Sustainment Systems (E2S2)

<p>Small Power Sources</p>  <ul style="list-style-type: none"> • 2kW Military Tactical Generator • 3kW Tactical Quiet Generator (TOG) • Small Tactical Electrical Power (STEP) • 60K BTUH IECU • 9K, 18K, 36K IECU • 120K IECU 	<p>Medium Power Sources</p>  <ul style="list-style-type: none"> • 5, 10, 15, 30, 60kW Advanced Medium Mobile Power Sources (AMMPS) • 5-60kW Tactical Quiet Generators (TOG) • Power Units/Power Plants 	<p>Large Power Sources</p>  <ul style="list-style-type: none"> • 100/200kW Tactical Quiet Generators (TOG) • 100/200kW Large Advanced Power Sources (LAMPS) • Power Distribution Illumination Electrical (PDISE) • Intelligent Power Management 	<p>Battery Power Sources</p>  <ul style="list-style-type: none"> • Standardization of Batteries 	<p>Force Sustainment Systems</p>  <ul style="list-style-type: none"> • Cargo Airdrop Systems • Combat Feeding Systems • Field Service Systems • Force Provider & Base Camps • Shelter Systems & Heaters • Mortuary Affairs Equipment
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Force Projection Equipment

<p>Bridging</p>  <ul style="list-style-type: none"> • Bridges / Bridge Erection Boat • Bridge Transporters • M9 Armored Combat Earthmover/Assault Breacher 	<p>Combat Engineer/Material Handling Equipment</p>  <ul style="list-style-type: none"> • Container Handling Equipment • Loaders • Cranes • Dozers • Excavators 	<p>Petroleum & Water Systems</p>  <ul style="list-style-type: none"> • Fueling Systems • Water Systems 	<p>Sets, Kits, Outfits & Tools</p>  <ul style="list-style-type: none"> • Sets, Kits & Outfits • Engineer Combat Support Eq. • Diving Equipment • Shelter Mounted Sets, Kits & Outfits • Shop Set Equipment 	<p>Test, Measurement, & Diagnostic Equipment</p>  <ul style="list-style-type: none"> • Integrated Family of Test Equipment (IFTE) At Platform Test Systems • Common Embedded Diag. • Calibration Sets (CALSETS) • IFTE Off Platform Automatic Test Systems • General Purpose Electronic Test Equipment (GPETE) • Maintenance Support Device (MSD-V3) • Next Generation Automatic Test Station (NGATS) 	<p>Appliqué & Large Unmanned Ground Systems</p>  <ul style="list-style-type: none"> • Husky Mounted Detection System (HMDS) • Route Clearance & Interrogation System (RCIS) • M160 Robotic Light Mine Flail 	<p>Unmanned Ground Vehicles</p>  <ul style="list-style-type: none"> • Small Unmanned Ground Vehicle (SUGV) 310 • Route Reconnaissance and Clearance (R2C) • Man Transportable Robotic System (MTRS) • Common Robotic System-Individual (CRS-I)
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PEO CS&CSS Portfolio (cont.)



Joint Light Tactical Vehicles

Joint Light Tactical Vehicles



Mine Resistant Ambush Protected Vehicles

Mine Resistant Ambush Protected Vehicles



- MATV UIK
- MaxxPro Dash ISS
- MaxxPro LWB Ambulance

Assured Mobility Systems



- Buffalo
- Mine Clearance Vehicle (MCV)
- Explosive Hazard Pre-detonation
- Husky (Vehicle Mounted Mine Detector (VMMD))
- MMPV Type II (RG31)
- MMPV Type I (Panther)



Transportation Systems

Heavy Tactical Vehicles



- Heavy Expanded Mobility Tactical Truck (HEMTT)
- M915 Family of Vehicles & Trailers
- Heavy Equipment Transport (HETS)
- Container Handling Unit (CHU)
- Palletized Load System (PLS)

Medium Tactical Vehicles



- Family of Medium Tactical Vehicles (FMTV)
- Tractor Trailer

Light Tactical Vehicles



- HMMWV Family of Vehicles
- UAH Safety Enhancements
- HEAT Trainer

Allied Tactical Vehicles



- Mobile Strike Force Vehicle (MSFV)
- Light Tactical Vehicles (LTV)
- Medium Tactical Vehicles (MTV)
- Sport-Utility Vehicles (SUV)
- Buses

Army Watercraft Systems



- 115 Ton Barge Derrick (BD)
- Landing Craft Mechanized (LCM 8) Mod II
- Landing Craft Utility (LCU) 2000
- Tugs (Large (LT) & Small (ST))
- Logistics Support Vessel (LSV)
- Roll-on/Roll-off Discharge Facility (RRDF)
- Floating Causeway (FC)
- Modular Warping Tug (MWT)
- Causeway Ferry (CF)
- Barge Fueller (BG)