



U.S. ARMY



PEO CS&CSS

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Program Executive Officer

Combat Support & Combat Service Support

Organization



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APEO Strategic Operations:
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APEO Communication:
Vacant

Director of Current Operations:
Mr. Jim Ellis



Chief of Staff, Acting
Mr. Steve Roberts




Expeditionary Energy & Sustainment Systems




Force Projection




Joint Light Tactical Vehicle




Transportation Systems

PM: COL Adrian Marsh
DPM: Ms. Lisa Stone

 PdM Small Expeditionary Power Sources Mr. Pete Shively (Acting)
 PdM Mobile Electric Power Systems LTC Harold Henderson
 PdM Force Sustainment Systems LTC Alexander Babington
 PD Contingency Basing Infrastructure Ms. Diane McCarthy (Acting)

PM: Mr. Bryan McVeigh
DPM: Mr. Shon-Neil Severns

 PdM Bridging Mr. Steven Rienstra	 PdM Appliqué & Large Unmanned Ground Systems LTC Jon Bodenhamer
 PdM Combat Engineer/Material Handling Equipment LTC Tony Jones	 PdM Unmanned Ground Vehicles Mr. Louis Anulare (USMC)
 PdM Petroleum & Water Systems LTC William Anderson	 PD Test, Measurement, & Diagnostic Equipment Mr. Oral Walker
 PdM Sets, Kits, Outfits & Tools LTC Evan Timmens	 PL Robot Logistic Support Center Mr. Thomas Lettis

PM: COL Shane Fullmer
DPM: Mr. Michael Sprang
DPM-USMC: Mr. Andrew Rodgers

 PdM Vehicle Systems LtCol Mark Braithwaite (USMC)
 PdM Systems Integration LTC Rob Barnhill
 PD Test Mr. Thomas Svisco
 PD Light Tactical Vehicles Mr. Craig Riedel
 PL Ground Mobility Vehicles Mr. Steven Herrick

PM: Mr. Wolfgang Petermann
DPM: Mr. Eric Fletcher

 PdM Heavy Tactical Vehicles LTC Jeffrey Jurand
 PdM Allied Tactical Vehicles LTC(P) Russell Hoff
 PdM Multi-Mission Protected Vehicle Systems LTC Michael Riley
 PD Army Watercraft Systems Mr. Chad Stocker



Mission, Vision, and Priorities...

- **MISSION:** Lead an innovative, disciplined lifecycle management team that enables America's warfighters by consistently providing and improving the integrated systems they need to dominate the full spectrum of Joint and Unified Land Operations.
- **VISION:** We are the Army's experts for Commercial Off the Shelf (COTS) and Non-Developmental Item (NDI) Acquisition. Our teams will be proficient in the integration of mature technologies into tailored, cost-conscious programs — rapidly delivering capabilities that reduce Soldier exposure, optimize manpower, and enable sustained mobility, lethality, and the network.

TECHNOLOGIES:

- Autonomy
- Condition Based Maintenance
- Technical Manuals (Video)

INTERESTS:

- Enabling the "Big Six"
- RDT&E for future opportunities
- Growth, reliability, ease-of-use, lifecycle cost
- Competition





PEO CS&CSS Overview

Transportation Systems

Heavy Tactical Vehicles



Multi-mission Protected Vehicle Systems



Allied Tactical Systems



Watercraft Systems



Joint Program Office Joint Light Tactical Vehicle

Joint Light Tactical Vehicle



Light Tactical Vehicle



Ground Mobility Vehicle



Expeditionary Energy & Sustainment Systems

Tactical Power Systems



Force Sustainment Systems



Force Projection

Bridging Systems



Combat Engineer/ Material Handling Equipment



Petroleum & Water Systems



Sets, Kits, Outfits & Tools



Unmanned Ground Systems



Test, Measurement, & Diagnostic Equipment



~\$3.5B annual appropriation (\$ 15B POM FY20-25)

18,000 Systems Fielded in FY18

498 Core Teammates / 4 States

Priorities

Tailoring & Streamlining

Human Capital

Fleet Management

	ACAT 1	ACAT 2	ACAT 3 / 4	Total
Active (\$FY19)	6	6	109	121
Sustainment FY19	0	2	126	128
Total Lifecycle Responsibility	6	8	235	249

We enable Army lethality by providing the mobility, power, fueling, bridging, and other key sustainment systems essential to employing and sustaining modernized Army formations in a multi-domain environment—especially where modified Commercial and Non-Developmental Item solutions accelerate technology and capability fielding.





PEO CS&CSS – AFC CFT Linkages



70% of PEO CS&CSS resources are aligned to enable CFT-equipped formations through 25% of current PEO CS&CSS programs

	Programs	Investment FY20-25	LRPF	NGCV	FVL	Network	IAMD	Soldier Lethality
Joint Light Tactical Vehicle	1	\$5,503 M		X	X	X		X
Infantry Squad Vehicle	1	\$191 M		X				X
Heavy Equipment Transport System (HETS) [USAEUR ONS]	1	\$104 M		X				
Heavy Trailers (Re-supply fuel, ammo)	4	\$446 M	X	X	X		X	
Maneuver Support Vessel - Light	1	\$550 M	X	X				
Assault Breacher Vehicle	1	\$112 M		X				X
Joint Assault Bridge	1	\$1,458 M		X				
Line of Communication Bridge	1	\$175 M	X	X			X	
Expedited Leader Follower	1	\$528 M	X	X				
Robotics	4	\$309 M		X				X
Petroleum and Water (Tactical)	8	\$344 M	X	X	X		X	X
Radio Test Set (T-4945)	1	\$92 M				X		
NGATS	1	\$203 M		X	X			
Tactical Electric Power	4	\$330 M	X			X	X	X
	30	\$10.788						

- “Transitioning from large, centralized, unhardened infrastructure to smaller, dispersed, resilient, adaptive basing...”
- “...invest broadly in military application of autonomy...to gain competitive military advantages.”
- “Prioritize...strategic mobility assets...as well as non-commercially dependent distributed logistics...to ensure logistics sustainment while under persistent multi-domain attack.”





PEO CS&CSS Perspective

- **Aligning our Acquisition Strategies**

- Pursuing modified Commercial and Non-Developmental Items (CaNDI) to leverage marketplace value
 - Many enter at Milestone C
 - If entering at Milestone B, execute fixed-price EMD; leverage competition for unique requirements
- Leveraging Soldier touch-points for early feedback
- Centralizing management, standardization, and EOO
- Prioritizing short-development cycles followed by long-term contracts (predictable range pricing)
- Plan and manage testing, logistics, budget, contracting, and fielding

- **Military-Unique: Potential Barriers to COTS**

- Survivability and protection
- Single fuel on the battlefield (JP-8)
- Off-road operational mobility
- Operational environment considerations (e.g. altitude, temperature)
- Transportability (i.e. MIL STD 209)
- CARC Paint
- New equipment training / initial key personnel training
- Technical manuals and assigning National Stock Numbers





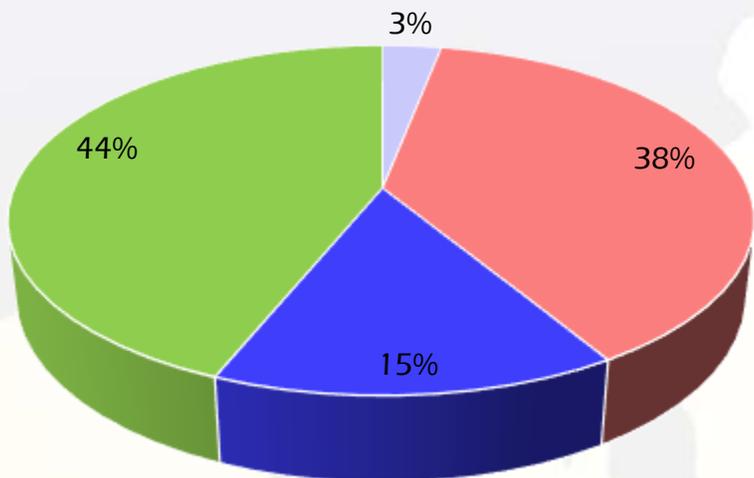
Back Up



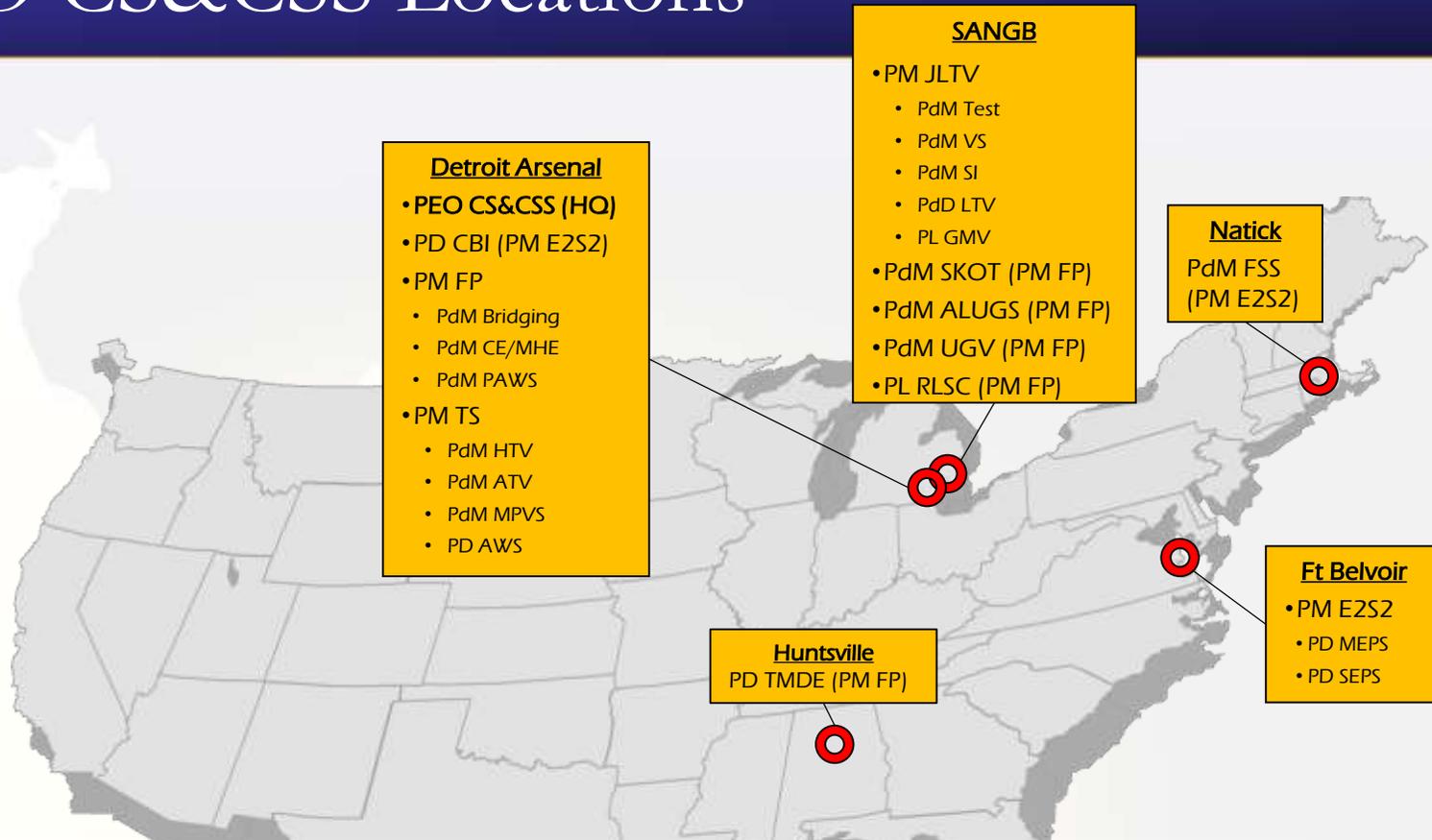


PEO CS&CSS Locations

Manpower



■ Military ■ Civilian Core ■ Contractor ■ Matrix (Civilian)



• **The Magnitude:**

- Annual budget of approximately \$2 billion; total program budget of approximately \$11 billion (POM FY16-20)
- Fielded nearly 20,000 systems in FY15 with rapid fulfillment of multiple Combatant Commanders’ requirements
- Engaged in multiple *Force 2025 and Beyond* enabling initiatives and Joint activities, including robotic & autonomous systems development; power generation and efficiency; and tactical wheeled vehicle fleet improvements
- Unique equipping mission, managing all Afghanistan’s National Security Forces vehicles and shaping sustainment





Program Executive Office Combat Support & Combat Service Support

← ACAT	A		B		C	Sustainment Operations & Support
	Pre-MDD MDD	Material Solution Analysis	Technology Maturation and Risk Reduction CDD	Engineering & Manufacturing Development DRFPDR	Production & Deployment FRPDR	
6 - I		Key: <ul style="list-style-type: none"> ALUGS: Appliqué & Large Unmanned Ground Systems AWS: Army Watercraft Systems CE/MHE: Construction Equipment/Material Handling Equipment FSS: Force Sustainment Systems GMV: Ground Mobility Vehicles HTV: Heavy Tactical Vehicles JLTV: Joint Light Tactical Vehicle LTV: Light Tactical Vehicle MEPS: Mobile Electric Power Systems MPVS: Multi-Mission Protected Vehicle Systems PAWS: Petroleum And Water Systems SEPS: Small Expeditionary Power Sources SKOT: Sets, Kits, Outfits, & Tools TMDE: Test, Measurement & Diagnostic Equipment UGV: Unmanned Ground Vehicles 		<ul style="list-style-type: none"> JLTV Family of Vehicles (FoV) HTV: Palletized Load System (PLS) HTV: Heavy Expanded Mobility Tactical Truck (HEMTT) MPVS: Family of Medium Tactical Vehicles (FMTV) 	<ul style="list-style-type: none"> LTV: High Mobility Multi-Purpose Wheeled Vehicle (HMMWV) Family of Vehicles (FoV) MPVS: MRAP (FoV) 	
8 - II	<ul style="list-style-type: none"> ALUGS: Squad Multipurpose Equipment Transport (SMET) AWS: Maneuver Support Vessel (Medium) AWS: Maneuver Support Vessel (Heavy) Bridging: Armored Mobile Earthmover (AME) 			<ul style="list-style-type: none"> PAWS: Petroleum And Water Systems SEPS: Small Expeditionary Power Sources 	<ul style="list-style-type: none"> MPVS: Medium Mine Protected Vehicle Bridging: Joint Assault Bridge (JAB) FSS: Force Provider MEPS: Advanced Medium Mobile Power System (AMMPS) 5-60kW 	
228 - III	<ul style="list-style-type: none"> ALUGS: 2 AWS: 3 Bridging: 3 CE/MHE: 3 FSS: 6 HTV: 2 MEPS: 1 PAWS: 8 SKOT: 4 UGV: 1 			<ul style="list-style-type: none"> FSS: 1 PAWS: 1 SEPS: 1 	<ul style="list-style-type: none"> ALUGS: 1 AWS: 1 Bridging: 2 CE/MHE: 1 FSS: 4 MEPS: 1 PAWS: 2 	<ul style="list-style-type: none"> AWS: 7 Bridging: 8 (3 / 5*) CE/MHE: 30 (6 / 17* / 7^) FSS: 29 (3 / 20* / 6**) HTV: 11 (3 / 8*) LTV: 4 MEPS: 3* MPVS: 2* PAWS: 16* SEPS: 1* SKOT: 6*
2 - IV				<ul style="list-style-type: none"> FSS: 1 	<ul style="list-style-type: none"> SEPS: 1 	
244	37 (2 ACAT II)	0	4	13	71 (4 ACAT I, 4 ACAT II, 63 ACAT III)	119 (78* / 6** / 7^) (2 ACAT I, 116 ACAT III)

Special Missions:

- Allied Tactical Vehicles and National Maintenance Strategy (NMS)
- Contingency Basing Infrastructure (CBI)
- Robot Logistic Support Center (RLSC)

Data Source: AAPML (Army Acquisition Program Master List)
 See back-up charts for complete list of the 244 PEO CS&CSS programs (125 Actively Managed)
 Includes: 78 Systems transitioned to AMC*, 6 transitioned to DLA**, 5 systems in disposal^





Portfolio in Perspective



Tactical Vehicles



MRAP Vehicles



Force Sustainment Systems



Construction Equipment



Test & Diagnostic Equipment



Petroleum & Water Systems



Mobile Electric Power



Causeways



Bridging Systems



Watercraft Systems



Inflatable Boats & Motors



Diving Equipment

