

PEO CS&CSS Overview



1 March 2023

BG Samuel (Luke) Peterson
Program Executive Officer
Combat Support & Combat Service Support

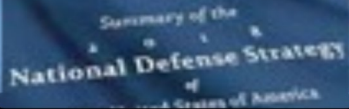
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Current Context




BUDGET
OF THE U.S.
GOVERNMENT
FISCAL YEAR 2024

FY24 President's Budget expected in mid-March



Summary of the
National Defense Strategy
of the
United States of America

Modernization nested with National Defense Strategy



Army 2030
Multidomain Operations

Multi-Domain Operations (MDO) and Army 2030



Contested Logistics and impact on how we modernize



Presidential Drawdowns and support for Ukraine





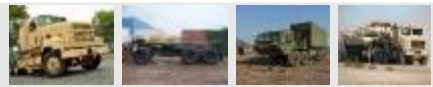
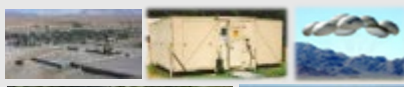
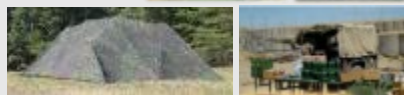


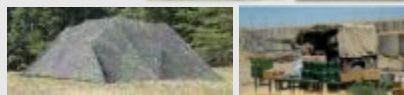

What We Do

PEO Combat Support & Combat Service Support develops and delivers timely, cost-effective, and modernized force sustainment capabilities to the Army enabling Multi-Domain Operations



A Diverse Portfolio



Joint Light Tactical Vehicle	Transportation Systems	Expeditionary Energy & Sustainment Systems
Joint Light Tactical Vehicle	Common Tactical Truck	Tactical Power Systems
		
Light Tactical Vehicle	Heavy Tactical Vehicles	Force Sustainment Systems
		
Ground Mobility Vehicle	Multi-mission Protected Vehicle Systems	
		
	Watercraft Systems	
		

Force Projection
Bridging Systems

Engineer, Maintenance & Support Equipment


Petroleum & Water Systems

Robotic and Autonomous Systems

Test, Measurement, & Diagnostic Equipment


Integration Team

- Focuses on Cross-cutting / horizontal technologies
- Generates opportunities with external GOV organizations
- Electrification, Arctic, Predictive Logistics

Organization



Program Executive Officer
BG Samuel "Luke" Peterson



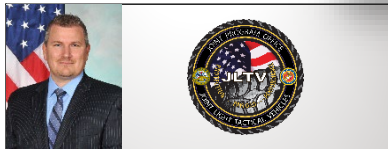
Chief of Staff
Shane Fullmer



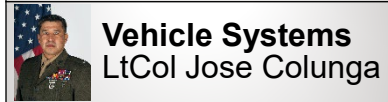
Deputy Program Executive Officer
Andrew DiMarco



Integration
PL: Steve Roberts



Joint Light Tactical Vehicles
PM: Michael Sprang
DPM: Chris Brouwer



Vehicle Systems
LtCol Jose Colunga



Systems Integration
Munira Tourner



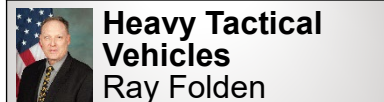
Light Tactical Vehicles
Diane McCarthy



Ground Mobility Systems
John Hufstедler



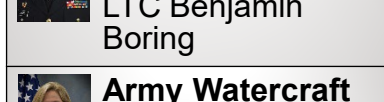
Transportation Systems
PM: Wolf Petermann
DPM: Zina Kozak-Zachary



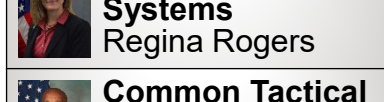
Heavy Tactical Vehicles
Ray Folden



Multi-mission Protected Vehicle Systems
LTC Benjamin Boring



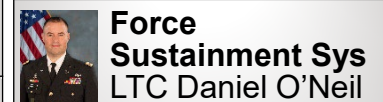
Army Watercraft Systems
Regina Rogers



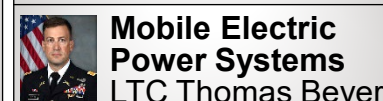
Common Tactical Truck
Alvin Bing



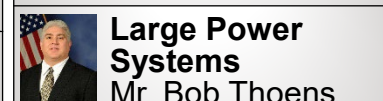
Expeditionary Energy & Sustainment Sys
PM: COL Kathy Brown
DPM: Victor Hernandez



Force Sustainment Sys
LTC Daniel O'Neil



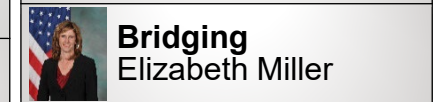
Mobile Electric Power Systems
LTC Thomas Beyerl



Large Power Systems
Mr. Bob Thoens



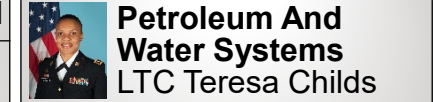
Force Projection
PM: Kyle Bruner
DPM: Shon Severns



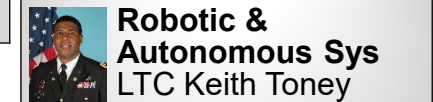
Bridging
Elizabeth Miller



Engineer, Maint. & Support Equipment
LTC Denyada Barnes



Petroleum And Water Systems
LTC Teresa Childs



Robotic & Autonomous Sys
LTC Keith Toney



Test, Measurement & Diagnostic Equip
Tom Lettis



Robot Logistic Support Center
(Act) Marty Blosser

My Priorities

Build positive relationships across the Modernization Enterprise.

Recognize and Care for our Teammates - upskill and build depth through our formation.

Our Partners



Training and Doctrine Command



Army Futures Command (AFC)



Army Materiel Command (AMC)



Industry

Maximize Tailoring and Streamlining opportunities.

Support Global Allies and Partners.

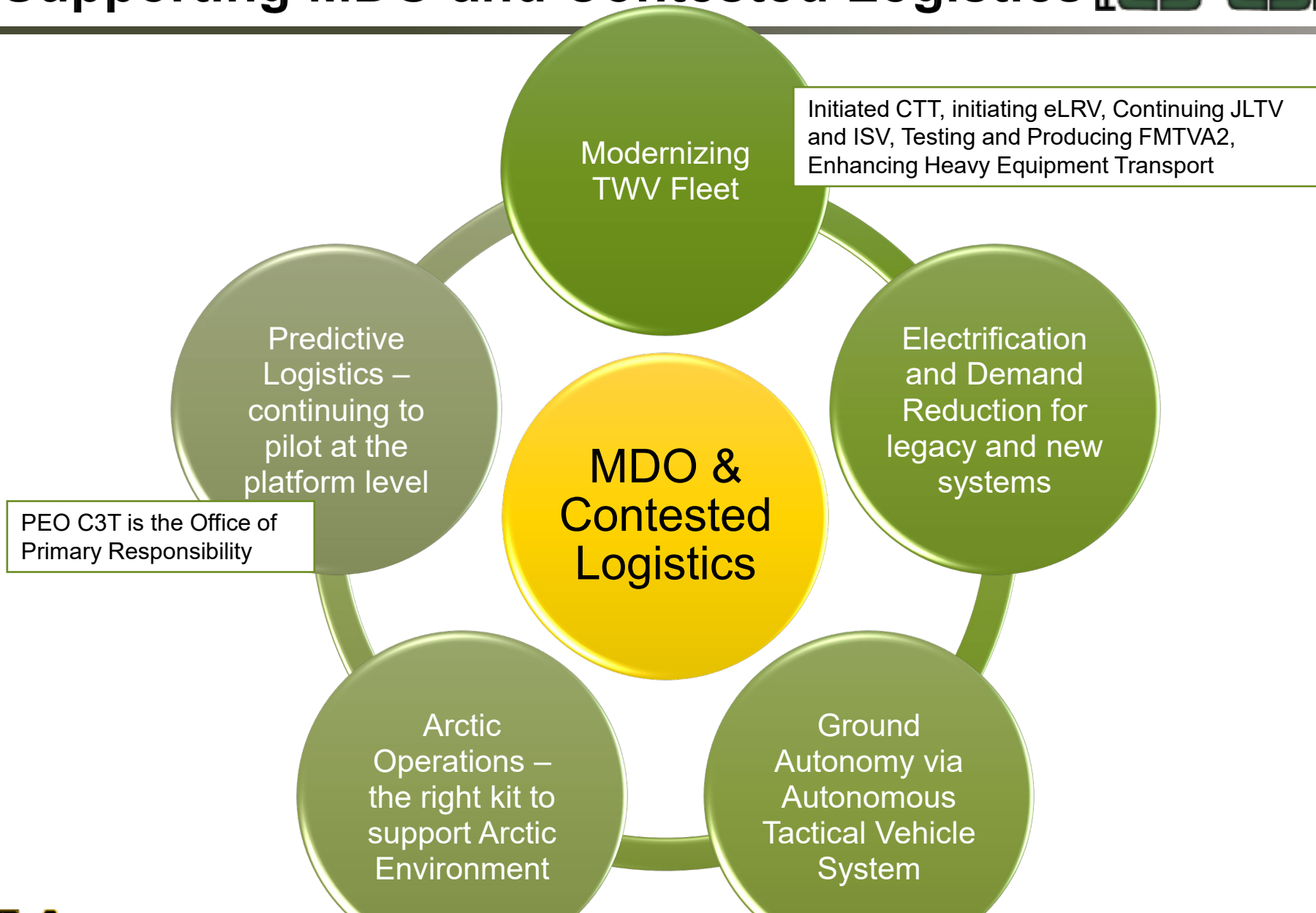
FY22 Fielding Accomplishments



- **Fielded more than 8,000 pieces of modernized TWV equipment to our customers:**

- 305 Heavy Expandable Mobility Tactical Trucks (HEMTT)
- 152 PLS Trucks
- 429 PLS Trailers
- 78 PLS Trailers with Container Transfer Equipment,
- 25 Modular Catastrophic Recovery Systems (MCRS)
- 142 Heavy Dump Trucks (HDT)
- 295 M872A4 Trailers
- 2,352 HMMWVs
- 4,453 JLTVs
- 118 ISVs

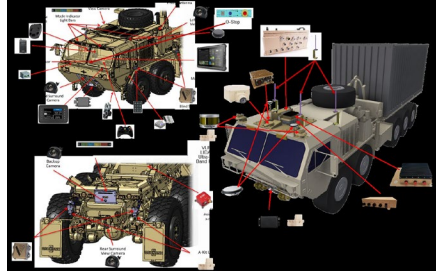
Supporting MDO and Contested Logistics



Focused TWV Modernization Efforts

Autonomous Transport Vehicle- System (ATV-S)

- Provides autonomous driving capability
- Increases Force Protection
- Increases sustainment throughput



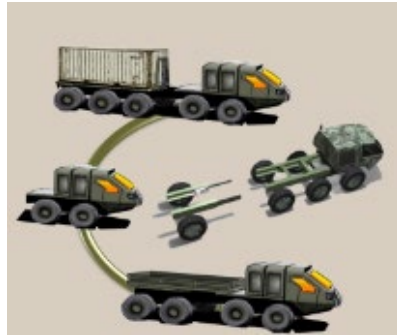
Infantry Squad Vehicle (ISV)

- GM Defense is the manufacturer.
- Designed to carry a 9-soldier squad in an IBCT



Common Tactical Truck

- The Army's heavy trucks will be replaced with new vehicles leveraging modern technology to reduce costs.
- Competitors include:
 - Navistar Defense LLC
 - American Rheinmetall Vehicles & GM Defense, LLC
 - Mack Defense
 - Oshkosh Defense



Joint Light Tactical Vehicle A2 (JLTV)

- The JLTV A2 design is the first tactical-wheeled vehicle with a baseline architecture utilizing lithium-ion batteries, which is a key enabler for anti-idle capability.



Electric Light Reconnaissance Vehicle (eLRV)

- Capitalize on technology areas of electric and hybrid-electric drive.



FMTV A2

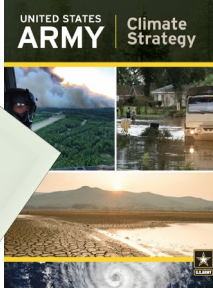
- Buying back protection and payload



Tactical Vehicles – Path to Electrification



• Current requirements support mild-hybrids (e.g. anti-idle)
• Emerging requirements enable greater freedom in meeting climate change/demand reduction initiatives



Long-Term:
Full Electrification (FY31-35)

- Electric Platform Identification
- Charging system deployment

Near-Term initiatives within PEO CS&CSS will be used to mitigate hybrid and electric technological barriers to entry and inform future requirements.

Mid-Term:
Hybrid Applications (FY27-FY31)

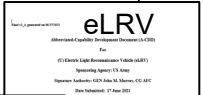
- CTT Production
- Platform Hybridization
- JLTV Hybrid Program
- Microgrid
- eLRV Production
- Exportable Power

Near-Term:
Kits and Commercial (FY22-26)

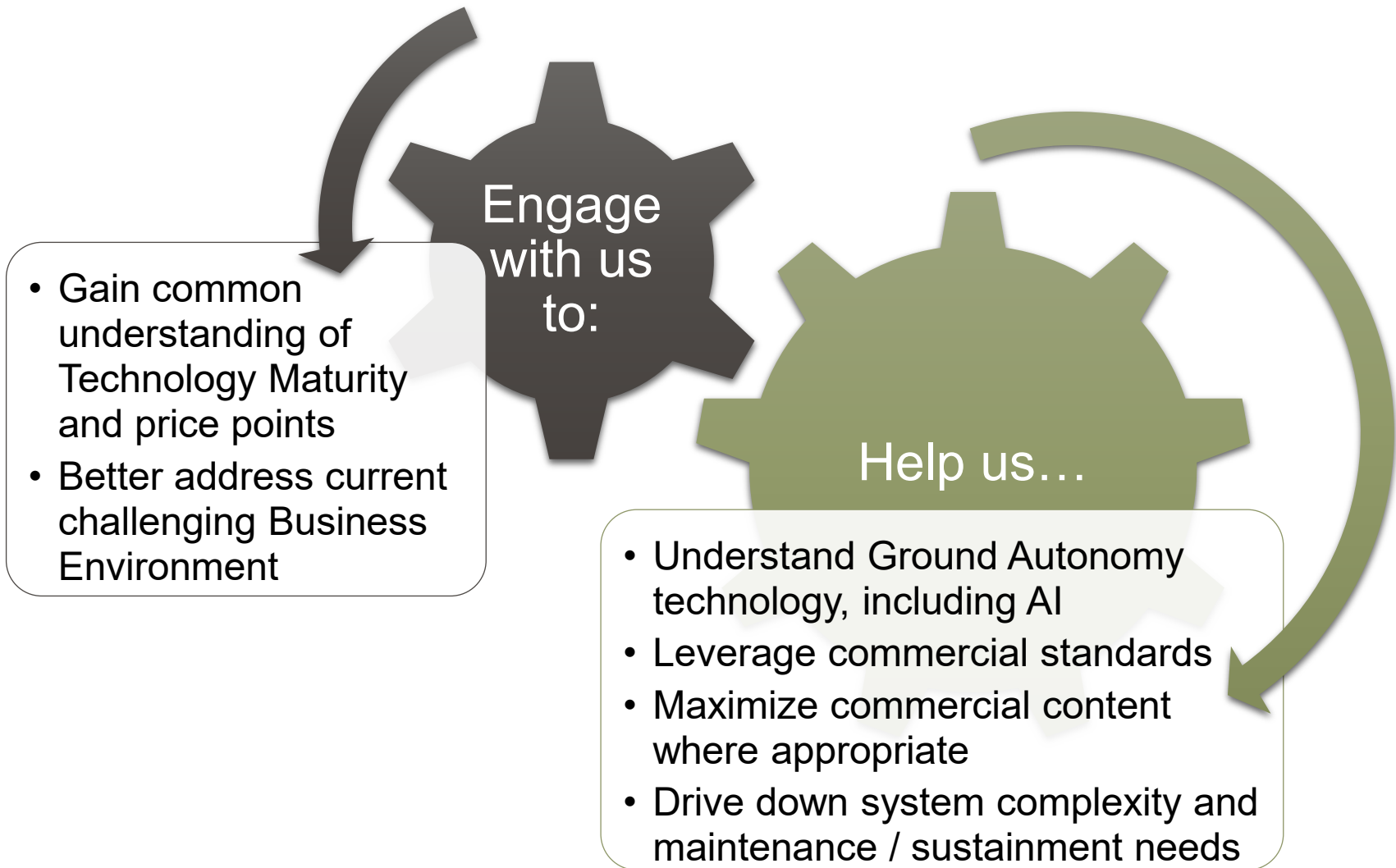
- Anti-Idle kits
- JLTV/HMMWV HEV Demonstrators
- Transmission Optimization
- eLRV Prototyping
- JLTV A2 Fuel Efficiency

Current Requirements

Emerging Requirements



Where Industry Can Help



Questions?

