



Change and the TWV Fleet

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Project Manager
COL Dave Bassett

Deputy PM Acquisition: Tony Shaw
(Acting) Deputy PM Logistics: Tony Warrior

PRODUCT MANAGERS

- **Light Tactical Vehicles**
 - Mr. Dennis Haag
- **Medium Tactical Vehicles**
 - LTC Shane Fullmer
- **Armored Security Vehicle**
 - LTC Kent Moorhouse
- **Heavy Tactical Vehicles**
 - LTC Allen Johnson

MISSION

The life cycle management of light, medium and heavy tactical vehicles & trailers enabling the Expeditionary Ground Force

OTHER SIGNIFICANT PROCUREMENT EFFORTS

- Safety Enhancements
- Add-on-Armor/GPK
- Surge Support

Distribution Statement A: Approved for public release: Distribution is unlimited



PM TV Systems – Who we are, how we do it!

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Light Tactical Vehicles

- 30 variants
 - 150K systems fielded
 - HMMWV Family of Vehicles
 - UAH Safety Enhancements
 - Light Tactical Trailer (LTT) – 1600/month
- 2,400 New & Recap HMMWVs/Month



Medium Tactical Vehicles

- 17 truck variants (3 Trailers)
- Over 41,606 trucks / 9,168 trailers fielded
 - Family Medium Tactical Vehicles (FMTV)
 - High-Mobility Artillery Rocket System (HIMARS)
 - Load Handling System (LHS)

825 max Sys/Month



Heavy Tactical Vehicles

- 33 variants (8 Trailers)
 - Over 33K systems fielded
 - Heavy Expanded Mobility Tactical Truck (HEMTT)
 - Palletized Load System (PLS)
 - M915 Family of Vehicles & Trailers
 - Trailer (HEMAT)
 - Heavy Equipment Transport (HETS)
 - Container Handling Unit (CHU)
- 1,409 Sys/Month



Armored Security Vehicle

- Over 1721 systems fielded
- 1166 Fielded to OCONUS Units
- AAO: 2863
- ASV Knight Chassis
 - AAO: 570

36 Sys/Month



Big Changes

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● **Changes in Leadership**

- *AAE, MILDEP*
- *TV, LTV, MTV in 2009*
- *ASV, HTV in 2010*

● **Changes in Guidance**

- *New 5000 Series – Renewed focus on process*
- *Focus on Competition*
- *ACAT level changes*

● **Post-build up budgets**

Values Don't Change – Commitment to the Warfighter Doesn't Change



Fleet Evolution

ECV M1114;M1151/52/65 (1995-Present)

A0 Series (1985-93)



A1 Series (1991-95)



A2 Series (1994-2004)



FMTV A0



FMTV A1



FMTV A1R



FMTV A1P2



HEMTT A0



HEMTT A2



HEMTT A4



- Significant survivability improvements
- Higher horsepower engine
- Electronic Transmission
- Integrated AC

- Improved Power Generation
- Improved Seat Belts
- Fire Suppression
- Improved Suspension
- Blast Seats

Restored Performance drivers have been Force Protection, Increased Armor, and Soldier Safety.



Focus Has Shifted

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- ***Iraq Drawdown – Afghan Surge***
- ***Industry has answered the call for armor***
- ***Few if any open parking spaces***
- ***New Procurement – RECAP – RESET***
- ***Quality still a major priority***
 - *No finish line*
 - *So technically it's more of a death march than a marathon*

Army must capitalize on and sustain the fleet investment



Increased Competition Opportunities

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- ***FMTV is not a 4 letter word***
- ***Competition for sustainment/RECAP***
- ***Component-level competition***
- ***Continued safety/survivability improvements***



Managing the Fleet

	<u>Funding Type</u>	<u>Acquisition Approach</u>	<u>Requirements/ Configuration</u>	<u>Goal</u>	<u>Lead/ Coordination</u>
<u>Sustain</u>	OMA	Depot RESET TPER MWO	Same Configuration	Restore to 10/20	AMC Lead PM Coordination
<u>Evolve</u>	Limited RDT&E OPA	Depot RECAP ECPs Block/Model Improvements Prime Contractor Led	Current ORD/ CPD/CPD Threshold- Objective ONS/ JUONS	<i>Incremental</i> Capability Improvements Manage Obsolescence Emergent theater requirements	PM Lead TCM Trans Coordination
<u>Transform/ Replace</u>	Significant RDT&E OPA	Competitive RECAP Competitive Buy/Rebuy	New CDD/ CPD CPD Annex AROCM	<i>Significant</i> Capability improvements that exceed current requirement or vehicle	TCM Trans/ ARCIC Requirements Lead PM Acquisition Lead



Take Aways

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- ***Focus is shifting from new procurement to sustainment***
 - *Capitalize on the Army's truck investments*
 - *Modernize / Rebalance 3P's through RECAP*
 - *RESET to sustain capable assets*
- ***New opportunities for competition***
 - *Every fleet. Every chance we get.*
 - *Production and sustainment*
 - *Depot partnerships increasingly important*
- ***Know the process (Sustain, Evolve, Transform / Replace) that applies to your capability/product***
- ***Renewed focus on acquisition process***