



# NDIA ATC Army Liaison Report

August 28, 2022

# Agenda

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- **PEO Combat Support & Combat Service Support (CS&CSS)**
- **Test Measurement & Diagnostic Equipment (TMDE) Overview**
  - **At Platform Automatic Test Systems (APATS) Overview**
  - **Next Generation Automatic Test System (NGATS) Overview**

# Organization



Exec Staff

**Executive Officer**  
MAJ Jude Coe  
**Executive Assistants**  
Jacqueline Jacobs  
Ryan Arnold



**Program Executive Officer**  
BG Samuel "Luke" Peterson



**Deputy Program Executive Officer**  
Andrew DiMarco



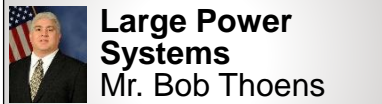
**Chief of Staff**  
Shane Fullmer



**Integration**  
PL: Steve Roberts



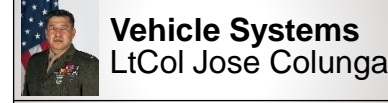
**Expeditionary Energy & Sustainment Sys**  
PM: COL Kathy Brown  
DPM: Victor Hernandez



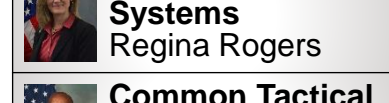
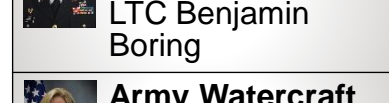
**Force Projection**  
PM: Kyle Bruner  
DPM: Shon Severns



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



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



# Test Measurement & Diagnostic Equipment

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**APATS - At-Platform Automatic Test Systems**



**CALSETS - Calibration Sets**



**TEMOD - Test Equipment Modernization**



**OPATS/NGATS - Off-Platform Automatic Test Systems**



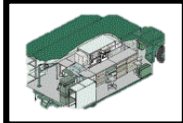
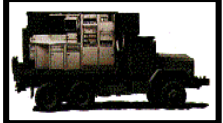

# What is NGATS?

## NGATS - DOD / Army Standard



A single system for Field, Sustainment, and Depot Maintenance supporting current and future systems IAW DoD, ASA(ALT), and Army Policy

### Replaces Legacy AT

- |   |  |
|---|--|
| <p><b>DSESTS</b></p>  <ul style="list-style-type: none"> <li>• Abrams/Bradley</li> </ul>            | <p><b>BSTF</b></p>  <ul style="list-style-type: none"> <li>• Ground Missile Systems</li> <li>• Kiowa Electronics</li> </ul> |
| <p><b>EOTF</b></p>  <ul style="list-style-type: none"> <li>• Kiowa/Apache Electro-Optics</li> </ul> |  |

### NGATS (DoD/Army Standard)



Automatic Test Equipment (ATE) Shelter

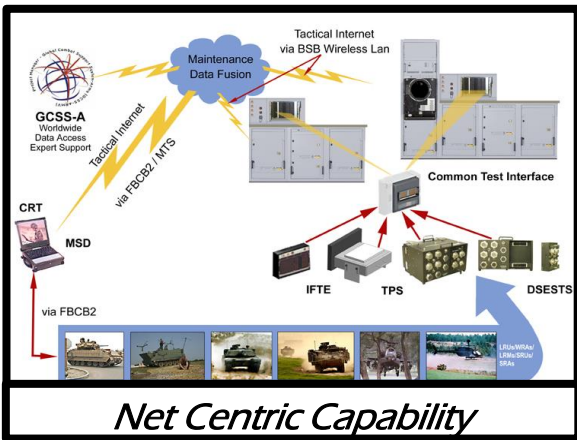
Test Program Set (TPS) Shelter

### Supports Current and New Systems



- #### Reduces Total Logistics Burden
- Enables Information Superiority
  - Reduces Obsolescence / NEOFs
  - Enables Closed Loop Diagnostics
  - Supports CLOE-SALE(LMP/GCSS-A)
  - Consolidates ATS
  - Consolidates MOS 91G to 94Y

- #### Increases Operational Benefits
- JCIDS Validated / ATEC Tested
  - NET Ready
  - Decreased TPS Diagnostic Times
  - C130 Transportable
  - Reconfigurable
  - Open Source Architecture
  - Field level, Sustainment level (equipment Synergy w/ Depots)





# NDIA

# Liaison Report Input

Prepared by: Leonardo DRS  
Maintenance Support Device

(MSD V4)

March 2022



# MSD V4 – Program Status



Light 7200/7210



Semi Rugged 5424



Rugged 7214



- MSD V4 - The Army's next generation At Platform Automatic Test Set for tactical vehicles and all maintenance levels – platform to Depot.
- MSD V4 Supports communications equipment, artillery, avionics and select weapons systems
- Three COTS variants adaptable to all operating environments; in a program structured to on-ramp tech refresh as new computing technologies become available

## Deliveries To Date – TOTAL 22,246

MSD V4 (Model)	Quantity
RUGGED	16,585 + 150 (March 2022)
SEMI-RUGGED	511
LIGHT	5,000

