



NDIA ATC Army Liaison Report

Aug 31, 2023

Donald Peacock

Agenda

- **PEO Combat Support & Combat Service Support (CS&CSS)**
 - **Organization and leadership changes**
- **Recent News Updates**
- **Test Measurement & Diagnostic Equipment (TMDE) Overview**
 - **Next Generation Automatic Test System (NGATS) Overview**
 - **At Platform Automatic Test Systems (APATS) Overview**
 - **MSD V4**

Organization

PEO **CS&CSS**

Exec Staff

Executive Officer
Patrick Madigan
Executive Assistants
Ryan Arnold
Carrie Beiter



Program Executive Officer
BG Samuel "Luke" Peterson



Deputy Program Executive Officer
Andrew DiMarco



Chief of Staff
Shane Fullmer



Expeditionary Energy & Sustainment Sys ★
PM: COL Laverne Amara
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
Michael Upton ★



Engineer, Maint. & Support Equipment
LTC Denyada Barnes



Petroleum And Water Systems ★
LTC Michael White



Robotic & Autonomous Sys ★
Kent Shea



Test, Measurement & Diagnostic Equip
Tom Lettis



Robot Logistic Support Center
(Act) Marty Blosser



Joint Light Tactical Vehicles ★
PM: Mark McCoy
DPM: Chris Brouwer



Vehicle Systems
LtCol Christopher Stephenson ★



Systems Integration
Munira Tournier



Light Tactical Vehicles ★
Aaron Hart



Ground Mobility Vehicles ★
John Hufstедler



Transportation Systems
PM: Zina Kozak-Zachary
DPM: Vince Jakubowski ★



Heavy Tactical Vehicles
Ray Folden



Multi-mission Protected Vehicle Systems ★
Diane McCarthy



Army Watercraft Systems
Regina Rogers



Common Tactical Truck
Alvin Bing



Integration
PL: Steve Roberts

★ Leadership Change

Test Measurement & Diagnostic Equipment



APATS - At-Platform Automatic Test Systems



CALSETS – Calibration Sets



TEMOD – Test Equipment Modernization



OPATS/NGATS – Off-Platform Automatic Test Systems

Predictive Logistics | Initiative Revolutionizes Equipment Management



Predictive maintenance is a maintenance strategy that uses data and analytics as well as artificial intelligence and machine learning (AI/ML) algorithms to predict when equipment is likely to fail so maintenance can be performed proactively before the failure occurs. This approach can significantly improve equipment availability, reduce maintenance costs, and extend the lifespan of the equipment.

https://www.army.mil/article/265899/predictive_logistics_initiative_revolutionizes_equipment_management

Predictive Logistics



2023 is CASCOM's year of Predictive Logistics, which is the primary modernization effort for the next year. Learn more from Maj. Gen. Mark T. Simerly, CASCOM commanding general and Command Sgt. Maj. Marco A. Torres, CASCOM CSM.

<https://www.youtube.com/watch?v=2IQ-1QiCHmM>

<https://cascom.army.mil/about/ldrs/cg.htm>



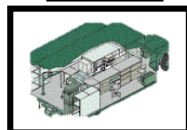
Lt. Gen. Chris Mohan, Army Materiel Command deputy commanding general, stresses the importance of data analysis during the Predictive Logistics Summit at Redstone Arsenal, Ala. (U.S. Army photo by Samantha Tyler)

https://www.army.mil/article-amp/269200/summit_synchronizes_predictive_logistics_efforts

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

Replaces Legacy AT

DSESTS



• Abrams/Bradley

BSTF



• Ground Missile Systems
• Kiowa Electronics

EOTF



• Kiowa/Apache Electro-Optics

NGATS (DoD/Army Standard)



Automatic Test Equipment
(ATE) Shelter



Test Program Set (TPS) Shelter

Supports Current and New Systems

Abrams



Bradley



Stryker



CROWS



LW155



TPQ-53



CH-47

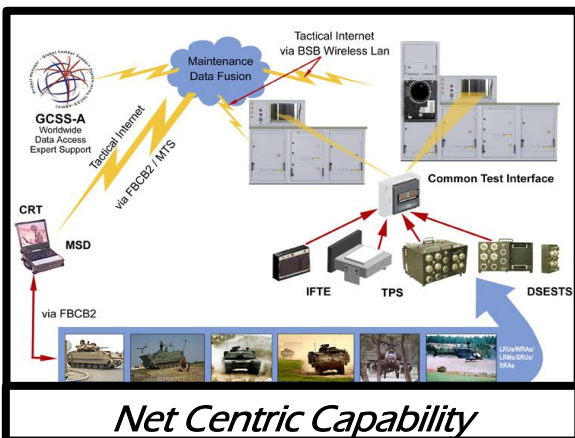


Reduces Total Logistics Burden

- 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

