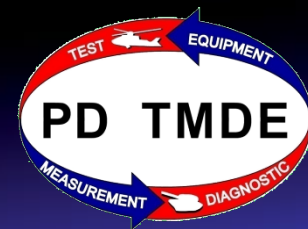
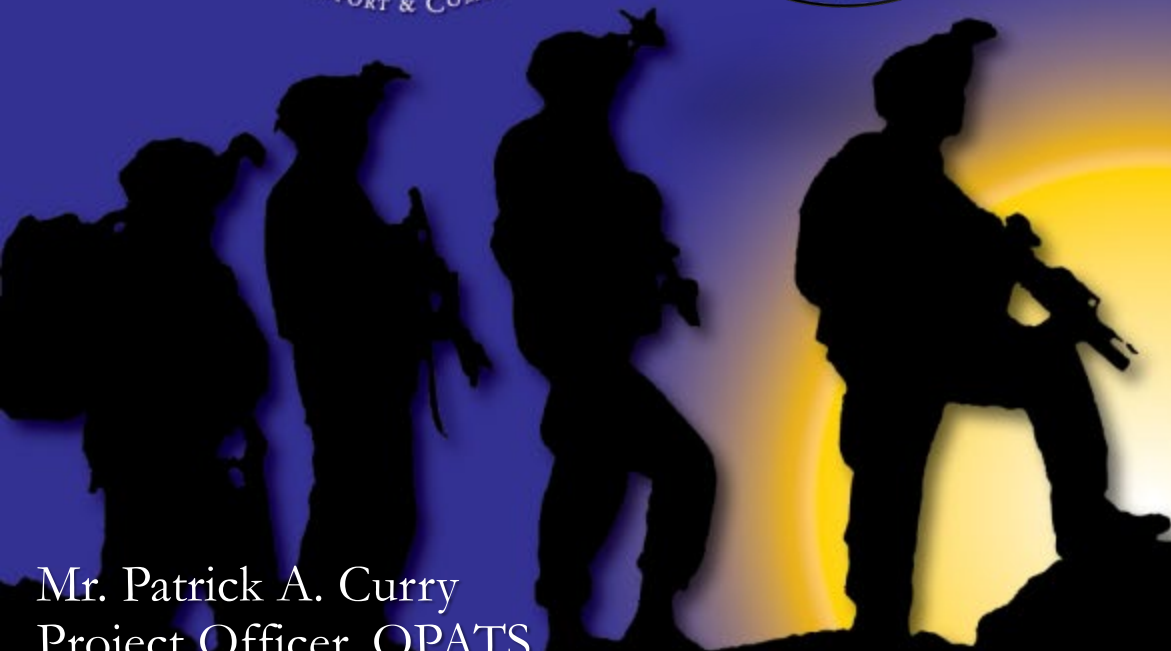




U.S. ARMY



Army ATE Update to NDIA

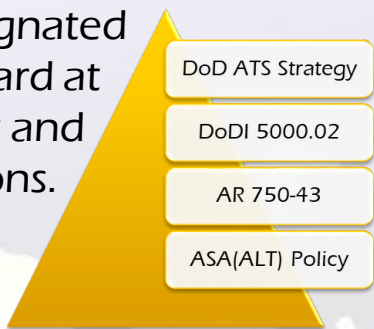


Mr. Patrick A. Curry
Project Officer, OPATS
PD TMDE

- Next Generation Automatic Test System (NGATS) Overview
- NGATS Configurations
- NGATS Warfighters
- ABCT Fieldings 2020-2022
- NGATS Mission Areas
- Expansion of NGATS Usage
- NGATS POCs

NGATS Overview

1. DoD designated Army standard at Field, Depot and OEM locations.

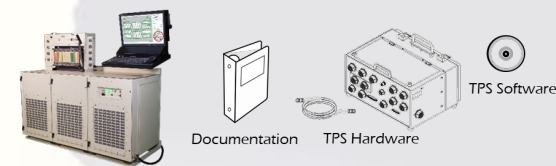


2. General purpose, consolidates test equipment and personnel, reducing the logistics footprint.



3. Reduces ownership costs.

PD TMDE Other PMs



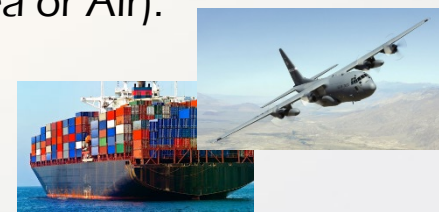
NGATS
Army standard off-platform general purpose Automatic Test Equipment (ATE).



4. Supports Multi-Domain Operations (MDO). "Fix-Forward" capability, reduces dependency for Aviation FSRs.



5. Standard ISO container (Sea or Air).



6. "One Stop Shop"

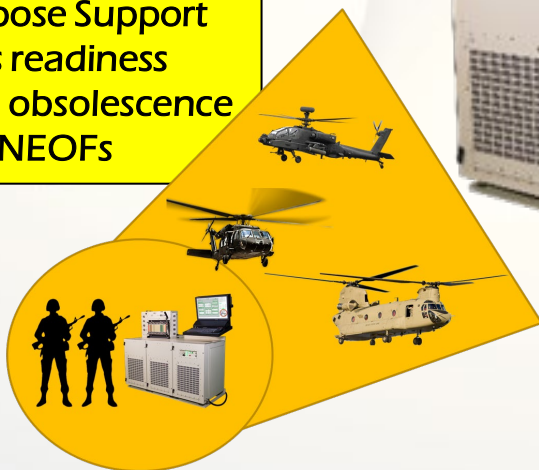
Organic Field Maintenance
1ea NGATS

2ea 94Ys

Providing:

General Purpose Support

- Improves readiness
- Mitigates obsolescence
- Reduces NEOFs



MTOE & School House Configuration



NGATS:
Test Station,
Electrical-Electronic
Equipment,
Containerized



Test Station, Electrical-
Electronic Equipment



Shelter Protected
Test Station

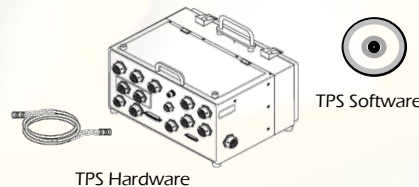


Shelter Protected Test
Program Set, Storage

Depot/TDA Configuration



Test Program Set (TPS)*



ASIOE*

HEMTT(2)



Generator



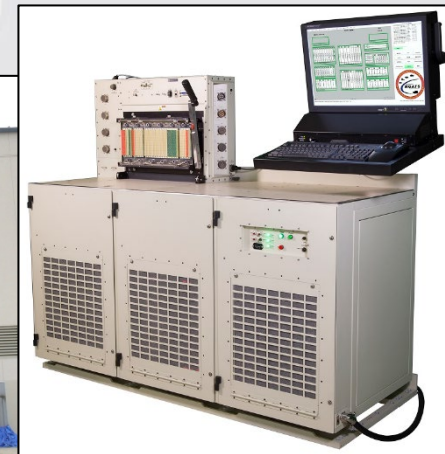
IECU
ECU



* Not managed by PD TMDE























Field and Depot level test and repair capability

- 94Y Operator Maintainer
- 948B Electronics Warrant Officer



NGATS ABCT Fieldings

Fiscal Years

	1Q21	2Q21	3Q21	4Q21	1Q22	2Q22	3Q22	4Q22
NGATS	2/1CD  155 ABCT  116 ABCT  1/1AD 	3/1CD  	278 ABCT  3/4 ID 	2/3 ID  2/1AD  APS-4 	30 ABCT  1/3 ID  1/1CD 	APS-2.1  APS-2.2  11ACR 	2/1 ID  1/1 ID 	3/1AD  1/34 ABCT  KEES 

• 1/1ID, 2/1 ID, 3/1AD, 1/34th:
Beyond 2021 fielding

• KEES:
2019 ORDAB Force Impact Requirement

• Approved TDA Locations: Depots, LRCs, FMX, CSMS, MATES, still expanding

Field & Depot



NGCV



M1A2 SEP V4



AMPV



FVL



M-SHORAD



UH-60



M777



M1A1 SA



JAB (hull)



ABV (hull)



M1A2 SEP V2/3



M2A3 M3A3 BFIST



M2A2 ODS/S
M7 BFIST SA

TPS Development

*Completed
In Development*

Technical and Funding Discussion



NGATS will be Capable of Supporting Existing and Future Army Platforms

Depot



CH-47



TPQ-53



Apache



M299 Hellfire Launcher



Stryker



CROWS



Husky HMDS



JBC-P (MFOCS)



CREW Duke



M109A6 (Rehost),
M109A7 (New TPSs)
Paladin



Avenger

Expansion of NGATS Usage

	Abrams	JAB (hull)	ABV (hull)	Bradley	AMPV	Paladin	Stryker	M777	CROWS	HMDS	Blackhawk	Apache	Chinook	Avenger	Patriot	MFoCS	CREW/Duke	TPQ-53	NVD	AFC	
ABCT 2 ea NGATS	✓	✓	✓	✓	✓	●			●	●						●	●	●	●	●	OMF
SBCT 1 ea NGATS							●	✓	●	●						●	●	●	●	●	RCV
IBCT 1 ea NGATS								✓	●	●						●	●	●	●	●	MPF
CAB Analyzing not on BOIP											✓	●	●			●	●	●	●	●	
Other Analyzing not on BOIP														●	●	●	●	●	●	●	
	ABCT						SBCT	IBCT	CAB			ADA		Total current/growth							
NGATS	23						9	33	24			Not discussed		23 / 66							
94Y	40						18	66	48			Not discussed		40 / 132							
Platforms supported	12						8	7	7			Not discussed		2 / 15							

- Platform Supports Field and Depot NGATS TPS ✓ Capability Exists ✓ TPS Funded ✓ TPS not Funded
- Platform Supports Depot NGATS Only TPS ● Capability Exists ● TPS Funded ● TPS not Funded
- Platform Supports Depot Non-Standard Tester ● Non-Standard ATE Depot Only



NGATS POCs



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