U.S. ARMY CYBER COMMAND

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ARCYBER'S THEATER INFORMATION ADVANTAGE DETACHMENT (TIAD) INFORMATION SHEET

Mission: The ARCYBER TIAD conducts transregional, threat-focused, data centric operations enabling Army and joint commanders to sense, understand, decide and act faster and more effectively than our adversaries.

Concept: The ARCYBER TIAD has a transregional focus, to identify and assess transregional information threats and opportunities and to provide supported Army and joint forces with options to compete in the information environment. The TIAD is spearheading a data-driven approach that will involve augmenting the strategies of other TIADs by using big data to sense, evaluate, and support Commanders.

Initial Steps: ARCYBER stood up an initial core TIAD experimentation capability in November 2023. This nucleus will conduct exercises and experiments tied to the Army's Information Advantage Campaign of Learning throughout Fiscal Years 2024 and 2025, including Avenger Triad 2024.

Next Steps:

• ARCYBER will use Fiscal Years 2024 and 2025 exercises and experiments to wargame the TIAD concept. Lessons learned will also facilitate refinement of the structure and materiel required for the TIAD to excel in this mission space.

• Where advantageous and appropriate, ARCYBER will employ the TIAD to support real-world operations to demonstrate tangible results to supported forces and use those operational insights to identify the most impactful mission areas for the future permanent formation.

• ARCYBER's permanent TIAD is expected to activate in 2026.

What will they do?

• The ARCYBER TIAD will support campaigning throughout the competition continuum by applying data-centric approaches to operational use cases.

• The ARCYBER TIAD will also support commands to influence and deliver information effects against threats in crisis and conflict.

TIAD INFORMATION SHEET

U.S. ARMY CYBER COMMAND

- ARCYBER's TIAD will provide operational commanders increased situational awareness of transregional threat actors' actions in the information environment and refined schemes of maneuver and fires.

Better Understanding:

- Traditionally, the 1st Information Operations Command supported and conducted planning augmentation to combatant command staffs and provided analytical support to those staff augmentees. The Army's establishment of TIADs represents a transformation in the way the Army presents information forces to commanders.

- By focusing on AI-enabled, big data-driven approaches to multi-domain operations in complex information environments, the ARCYBER TIAD will be a force multiplier for Army forces at a relatively low cost.

- As ARCYBER partners with and supports future TIADs, we are informing Army and DoD policy changes and helping the Army to refine force structure and capability requirements necessary for commanders to achieve decision dominance.

ARCYBER SENIOR LEADER QUOTES

Aaron Pearce
Director Transregional Theater Information Advantage Detachment, U.S. Army Cyber Command

"For Army forces to succeed in Multi-Domain Operations at the speed and scale of today's complex digital environment, organizations must leverage automation, machine learning, and artificial intelligence. Commanders of today—and tomorrow—will need to sense and understand exponentially greater volumes and types of information at speed to make effective decisions in an AI-enabled battlefield. Relying solely on industrial-age processes will increasingly lead to mission failure against adversaries who are more willing to take greater risks with autonomous systems. TIADs represent an acknowledgment by the Army that operational commanders require dedicated elements that can sense and rapidly shape the informational considerations that are critical to success of their physical military missions."