

**U.S. ARMY****U.S. ARMY**

**WARFIGHTING
CONTINUOUS TRANSFORMATION
DELIVERING READY COMBAT FORMATIONS
STRENGTHENING THE PROFESSION**



DELIVERING
Ready Combat Formations



REIMAGINING
the Organic Industrial Base



ENHANCING
the Soldier Experience

Army Standardization Activities

A Leadership Dialogue on Defense Standardization

Mr. Tom Ray

**Director Supply Chain Management
U.S. Army Materiel Command/G-3**

4 August 2026





U.S. ARMY

AGENDA

UNCLASSIFIED

- Strength Through Standardization
- Army Standardization Accomplishments & Successes
- State of the Army Standardization Program





U.S. ARMY

UNCLASSIFIED

Forging a Modern Force

Enabling Strength Through Standardization

Readiness

Today's Challenges:

Maintaining availability and reliability amid aging fleets and supply chain volatility

Role of Standardization:

Digital standards ensure authoritative, reusable, and common technical data that strengthens sustainment, reduces variation, and improves readiness

Army Efforts:

- Standardization Accomplishments
- Supply Chain Risk Management

Interoperability

Today's Challenges:

Ensuring Army systems integrate effectively across increasing complex operational environments

Role of Standardization:

Digital standards create shared, machine-interpretable interfaces that enhance compatibility, data exchange, and synchronized operations

Army Efforts:

- MOSA Achievements
- Joint Collaboration

Modernization

Today's Challenges:

Integrating emerging technologies and improving capability delivery across modernized platforms

Role of Standardization:

Digital standards provide the digital foundation to support model-based engineering, open architectures, and rapid insertion of emerging technology

Army Efforts:

- Digital Engineering Initiatives
- Leverage Emerging Technologies





Army Standardization Accomplishments

2025 Standardization Award Winners



DSP Lifetime Achievement Award

Mr. Mark A. Napolitano

Recognized for over 35 years of outstanding leadership in Army standardization



DSP Achievement Award

Revision of critical Federal Specification for fasteners (FF-S-86)

Restored supply chain confidence and resolved long-standing industry issues



DMSMS Achievement Award

DMSMS: CH-47F Block I Obsolescence

Proactive obsolescence management preventing costly disruptions

2024 Standardization Award Winners



DSP Achievement Award

Cold Spray Nondestructive Testing Methods

Enabling quality assurance for Cold Spray sustainment repair operations



DSP Achievement Award

CMOSS/SOSA Interoperability Specification Development

Advancing modular, open, and interoperable architectures across Joint and allied partners



DMSMS Individual Achievement Award

Ms. Daphne Henry

Recognized for obsolescence leadership, and insight strengthening Army sustainment





U.S. ARMY

Army Standardization Success Stories

Readiness & Digital Modernization

- The Army has taken decisive action to validate and modernize its component publications — reducing overage documents by 43% (650+) in three months, demonstrating a commitment to delivering authoritative, ready-to-use documents for the entire enterprise
- The Army brought forward the technical leadership required to operationalize the DoW Digital Standards Strategy — identifying documents for early conversion, validating digital outputs, and ensuring the successful implementation of digital standardization goals
- Army experts supported efforts to further enhance model-based engineering through the identification of Modular Open Systems Standards and Specifications, enabling MOSA adoption across programs and strengthening joint and allied interoperability through architectures such as CMOSS and SOSA





U.S. ARMY

UNCLASSIFIED

Army Standardization Success Stories

Interoperability & Supply Chain Resilience

- Army contributions were instrumental in shaping the DoW approach to standardize the naming convention for items of equipment — bringing decades of technical insight to the Type Designation effort and helping establish a unified, authoritative enterprise framework for naming and configuration traceability
- Army leadership played a pivotal role in strengthening environmental testing standards for defense materiel, guiding the development and validation of methods that ensure materiel is tested consistently across Services and allied partners, reinforcing global interoperability and performance assurance
- The Army's DMSMS initiatives — such as the CH-47F Block I IPT, the Bradley DMSMS Team, development of early risk identification models, and rapid mitigation planning — have strengthened the DoW's ability to anticipate and resolve obsolescence issues before they impact availability, reinforcing a resilient and agile supply chain for the Joint Force





U.S. ARMY

UNCLASSIFIED

State of the Army Standardization Program

The Army Standardization Program continues to advance critical initiatives that strengthen readiness, interoperability, and modernization across the Army, the joint force, and allied partners.

- Key challenges include maturity of digital modernization, optimization of resources to perform standardization work, and supply chain hurdles
- The Army is engaged in efforts to foster greater digital adoption, stronger collaboration across the Department, and relevant and accurate defense publications to accelerate the forging of an integrated and capable joint force



UNCLASSIFIED