

Office of the Secretary of the Navy
1000 Navy Pentagon
Washington, DC 20350-1000

Office of the Secretary of the Army
101 Army Pentagon
Washington, DC 20310-0101

Office of the Secretary of the Air Force
1670 Air Force Pentagon
Washington, DC 20330-1670

JAN 7 2019

MEMORANDUM FOR SERVICE ACQUISITION EXECUTIVES AND PROGRAM
EXECUTIVE OFFICERS

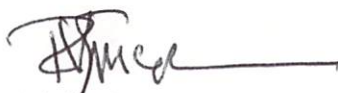
SUBJECT: Modular Open Systems Approaches for our Weapon Systems is a Warfighting
Imperative

Victory in future conflict will in part be determined by our ability to rapidly share
information across domains. Sharing information from machine to machine requires common
standards.

For the past several years, each of the Services has been developing, demonstrating, and
validating common data standards through a cooperative partnership with industry and academia.
This work has resulted in the establishment of Open Mission Systems/Universal Command and
Control Interface (OMS/UCI), Sensor Open Systems Architecture (SOSA), Future Airborne
Capability Environment (FACE) and Vehicular Integration for C4ISR/EW Interoperability
(VICTORY) among other standards.

We have reviewed the capabilities of these common standards. We determined the
continued implementation of these standards, and further development of Modular Open Systems
Approach (MOSA) standards in areas where we lack them is vital to our success. As such,
MOSA supporting standards should be included in all requirements, programming and
development activities for future weapon system modifications and new start development
programs to the maximum extent possible.

In an effort to formalize our approach to MOSA, Service Acquisition Executives will
publish specific implementation guidance for our acquisition programs. Additionally,
Standardization Executives should continue standards development efforts where we have gaps.
Lastly, requirements and programming functions will ensure MOSA is reflected in our
requirements and programs to ensure our future weapon systems can communicate and share
across domains.



Richard V. Spencer
Secretary of the Navy



Mark T. Esper
Secretary of the Army



Heather Wilson
Secretary of the Air Force