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Upcoming FACE Consortium Events

March 4-5 FACE Members meeting & BITS event – *Sunnyvale, CA*
Thanks to our host, RTI.

Updated Tri-Services Memo on MOSA Plays to Strengths of the FACE Approach

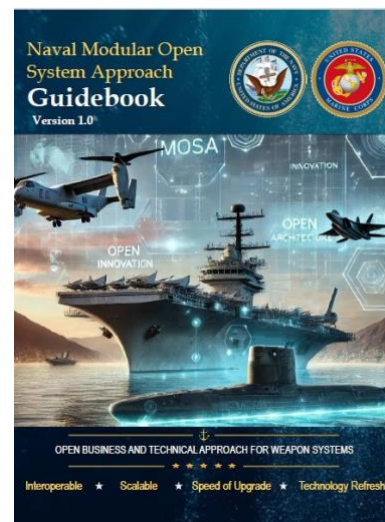
Direct from the Secretaries of the Navy, Army and Air Force comes the Memorandum for Service Acquisition Executives and Program Executive Officers RE: **Modular Open Systems Approach for Department of Defense Weapons Systems**. This updated “Tri-Services Memo,” as its often referred to, brings forward statements about changes made by Congress in Title 10 U.S.C. relating to MOSA; Sections 4401, 4402, and 4403. The Tri-Services Memo also addresses that MOSA guidance must include the appropriate verification method and timing within the acquisition program’s development to ensure MOSA conformance. Given that the FACE Technical Standard is the only MOSA- enabling open standard to have an established conformance

program with verification by a third party, this plays directly to one of the strengths of the FACE Approach. For more information:

- December 2024 Tri-Service Memo:
<https://www.cto.mil/wp-content/uploads/2024/12/Tri-Service-Memo-Signed-17Dec2024.pdf>
- January 2025 Media Alert:
The Open Group Applauds the New Tri-Services Memo:
<https://www.opengroup.org/The-Open-Group-SOSA-and-FACE-Consortia-Aplaud-New-Tri-Services-Directive-Memorandum-that-Further-the-DOD%27s-Modular-Open-Systems-Commitment>

Naval MOSA Guidebook 1.0 Released

The new Naval Guidebook on implementing a Modular Open Systems Approach (MOSA) was just released on 23 January 2025. “It focuses on the operational imperative of designing flexibility into (Naval) products and business models and represents a significant step forward in our ongoing commitment to enhancing the flexibility, interoperability, and cost-effectiveness of our naval systems. As you delve into the Guidebook, I encourage you to embrace the principles of MOSA and apply them with diligence and creativity.



Together, we can harness the full potential of this approach to drive our naval systems into a new era of capability and efficiency” - the HON Nickolas H. Guertin, former Assistant Secretary of the Navy (Research, Development, and Acquisition).

This Naval MOSA Guidebook identifies the FACE Technical Standard as one of several existing open standards preferred for MOSA and notes its applicability not only to avionics but also battle management, command, control, and communications (BMC3). To obtain a copy, email Mr. Jacob Glassman at jacob.s.glassman.civ@us.navy.mil

BITS Event to be Held on March 5

The 9th annual Integration and Test Session, aka BITS, will be held during the upcoming March FACE Consortium members meeting on the afternoon of March 5. The first BITS event was held in 2016 and based on the BALSAs example (the ‘B’ in BITS). It was a demonstration of enhancing or replacing the BALSAs UoC and a sharing of lessons learned. Since then, the BITS event has evolved with more advanced demonstrations. BITS continues with a technical focus by presenting

lessons learned from integrating or building solutions based on the FACE Technical Standard. In recent years presentations have included how optional TSS capabilities, like TPMs can be used, interfacing with other standards like OMS or Victory, how tools can easily integrate, and interoperability between different TSS implementations, plus many other exciting topics. The Integration Workshop Standing committee (IWS) is looking forward to welcoming all FACE members to the 2025 BITS event!

Interview with Mike Majors, Chair of the Airworthiness Subcommittee

We sat down with Mike Majors, the chair of the FACE Airworthiness Subcommittee (SC), to learn more about what that SC does, how that has changed after it moved to the Technical Working Group, and the SC's future direction. Below are some highlights:



Mike explained, “When the Airworthiness SC was under the Enterprise Architecture Standing Committee, its charter focused on finding alignment between FACE conformance and airworthiness processes and activities. When the subcommittee moved under TWG and merged with the safety subcommittee, its scope included the responsibility to ensure FACE guidance does not impede airworthiness.”

We also asked for some examples of how the FACE Approach can contribute to airworthiness artifacts and life cycle data. Mike explained, “We like to describe this as opportunities and not a checklist. The FACE Airworthiness Guide describes the opportunities to apply FACE artifacts to both MIL-HDBK- 516C and DO-178C. This includes FACE artifacts from the Conformance Test Suite, Conformance Verification Matrix, and the Technical Standard.” For example, “Some FACE Technical Standard requirements about architecture, interfaces, and health monitoring can contribute to MIL-HDBK-516C objectives.”

You can read the full interview here: <https://www.opengroup.org/face/majors>

FACE and SOSA® 2024 TIM Presentations and Papers Available Online

In case you missed the opening keynote presentation by BG David Phillips, Program Executive Officer, Army Aviation, at the FACE & SOSA TIM on Sep 16, the [slides from that presentation are now available online](#). BG Philips explained that a key Army objective is to modernize, equip, and sustain the Army of 2030, and that timely and continuous modernization is driven by agile and adaptive acquisition of modular open systems. Also available online are the Technical Interchange Meeting (TIM)

papers that were presented virtually on Nov 13-14 are publicly available online.

- [A Harmonization of MOSA OSAs](#) (by Raytheon)
- [Verifying FACE® Conformance for Non-OSS Ada UoCs](#) (by AdaCore)
- [Addressing Acquisition Support Gaps](#) (by PEO AVN)
- [Integration of FACE® Transport Protocol Modules To Cross Transport Services Domains](#) (by RTI)
- [Best Practices for Assurance of MOSA Aligned Software Components](#) (by LDRA)
- [Compatibility with a Cost](#) (by SNC)
- [Unlocking the Potential of Large-Scale MOSA Integration](#) (by SNC)
- [A Developer's Précis for the FACE® Software Computing Environment](#) (by TES-Savi)

Those and papers from previous TIMs can be found at:

<https://www.opengroup.org/face/timpapers>

Recent Articles

[Modular Open Systems Approach for Department of Defense Weapon Systems](#)
(updated Tri-Service Memo)

www.cto.mil, December 17, 2024

[Open development standards are key to keeping the US military on top](#)
Defense News, December 9, 2024

[Modular Open Systems Approach: The Army's New Initiative to Fleet Modernization Clearance Jobs](#), October 25, 2024

See more articles from prior quarters on the FACE Consortium [media coverage page](#).

Upcoming Industry Conferences and Exhibits

March 3-5 [AFA Warfare Symposium](#) – Aurora, CO

March 25-27 [AUSA Global Force Symposium](#) – Huntsville, AL

April 2-3 [Aerospace Tech Week Europe](#) – Munich, Germany

April 6-9 [Sea Air Space](#) – National Harbor, MD

April 30-May 1 [MOSA for Defense Summit](#) – National Harbor, MD

May 14-16 [Quad-A Army Aviation Mission Solutions Summit](#) – Nashville, TN

Call for Papers - Upcoming Due Dates

March 5 Draft papers due for [GVSETS](#) held Aug 12-14 in Nov, MI

New Members

- [Parasoft](#)

The FACE Consortium has more than 90 Member organizations and is open to membership from Australia, Canada, New Zealand, United Kingdom, and United States.



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