



SOSA[®]
Sensor Open Systems Architecture[®]

The Open Group SOSA[®] Consortium Newsletter

2025 Q2

Follow the latest SOSA Trends on [LinkedIn](#)
See below for useful hashtags to increase your visibility



New SOSA Resources



New SOSA e-Book Features Strategies for Military Applications

[Download the new SOSA e-Book](#) featuring leading editorial on the impact of the SOSA Technical Standard in military applications. Sponsored by [Elma Electronic](#).

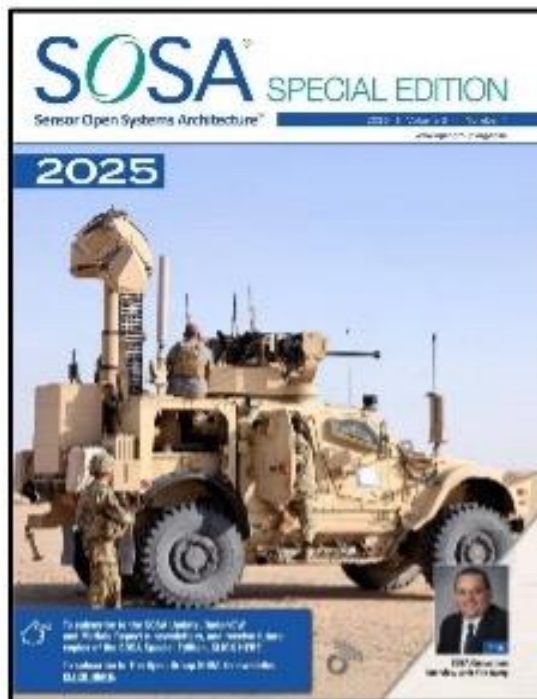
Industry Leaders Share WHY You Need to Participate in the SOSA Consortium



A new [SOSA video](#) features SOSA leaders highlighting their viewpoints on getting involved with SOSA. Thanks to Ilya Lipkin, U.S. Air Force, Nick Borton, [SRC](#), Chris Schnelle, [Southwest Research](#), Evan Alexander, [Microchip](#), Christal Sumner, [Raytheon](#) and Scott

Bailey, [CACI](#) for their keen viewpoints and Bob Collopy, [Atrenne, A Celestica Company](#) and Carlie Sutherland, [EIZO](#) for putting this video together.

Fifth Annual SOSA Special Edition



The SOSA Consortium collaborates with Military Embedded Systems magazine to produce [the annual SOSA Special Edition](#) showcasing the SOSA Technical Standard.

This edition features insightful perspectives of consortium members as well as products and services aligned to SOSA. Gold sponsors include: [Annapolis Micro Systems](#), [Elma Electronic](#), [LCR Embedded Systems](#), [Mercury Systems](#), [Amphenol](#), [Vicor](#), [Wolf Advanced Technology](#).

How SOSA is Changing the Industry and Paving the Path for Future Innovation



[Download the new SOSA white paper](#) discussing modular solutions that are transforming the industry for enhanced interoperability, reduced costs, and faster deployment. Sponsored by [Kontron](#).

SOSA Consortium News and Events

(Must be an onboarded Member to attend meetings)

Upcoming SOSA F2F Meetings:

- **July 15-17:** [SR Technologies, now part of AV Inc.](#), is kindly hosting the F2F meetings of the SOSA® Consortium, in Ft. Lauderdale, FL. More details can be found on the [SOSA Plato site](#).
- **August 25-27:** the same week as the MOSA Summit, the SOSA Consortium F2F Meeting will be held in Alexandria, VA. More information to come. There is a special evening planned to celebrate the 15-year anniversary of the FACE® Consortium and the 10-year anniversary of the SOSA® Consortium. This memorable event will honor the remarkable journeys and accomplishments of both consortia. Date: **August 25, 2025** Location: Westin Alexandria Old Town 400 Courthouse Square, Alexandria, VA. Please direct all questions to Joanne — j.alvarado@opengroup.org.
- **FACE and SOSA Technical Interchange Meeting (TIM):** MOSA in practice is scheduled virtually on October 7 and 8 and is open to the public. This event provides a unique opportunity to explore technologies, innovative solutions, and emerging trends that are shaping the future of airborne and sensor systems. Registration information to come.

Open Standards and Integration: Highly Successful PlugFest Held

Representatives from over twenty open-architecture defense organizations met at [PlugFest 2025](#), held on Feb 10-12 at Beale Air Force Base. The goal of the government-sponsored PlugFest event is to advance the SOSA Technical Standard and aligned open architecture standards further, by demonstrating interoperability, validating modularity, and testing real-time integration across platforms. PlugFest brought together top industry leaders and defense innovators with this shared goal.



A special thanks to ACC Feb Lab, NAVAIR PMA-209 and Georgia Tech Research Institute for hosting a demonstration event earlier this year in preparation for PlugFest and the following companies for their participation: AEGIS power system, AirBorn, Annapolis Micro Systems, Behlman Electronics, Booz Allen Hamilton, Concurrent Technologies, Curtiss-Wright Defense Solutions, EIZO Rugged Solutions, Elma Electronic, Epiq Solutions, GTRI, GE Aerospace, Herrick Technologies Lab, LCR Embedded Systems, L3 Harris, Leidos, Northrup Grumman Mission Systems, OAR Corp, Pacific Defense, Pixus, Red Hat, RTI, Sciens Innovations, TES-1, US Army C5ISR, Vicor and Wolf.



Conferences, Exhibits, and Virtual Events

- [The MOSA Industry & Government Summit and Expo](#) is scheduled for August 27-29, 2025, at the Gaylord National Convention Center and Hotel in National Harbor, MD near Washington, D.C. This summit will feature key leadership from the Department of Defense and Tri-Services and multiple tracks discussing open architecture and standards. The event builds on the success of previous summits, with expectations of over 125 exhibitors and 2,000+ attendees.
- [IEEE International Conference on Space Mission Challenges for Information Technology / Space Computing Conference](#) (SMC-IT/SCC 2025) to be held on July 28 - August 1 in Los Angeles, CA, California Science Center. This event has an entire track dedicated to SOSA SpaceVPX covering the need for interoperability in space avionics and how SOSA can best enable that interoperability.
- Visit the [SOSA website](#) for a full list of upcoming 2025 Member-Supported Industry Events

- Webinar: [Leveraging Open Architecture and Common Standards for Autonomous Systems](#)
- Webinar: [Putting the SOSA Standard to Work: Part I – Connectivity & Cooling Solutions](#)

Industry News

- [Concurrent Launches Kratos: A Compute-Intensive Rugged Plug-In Card | Concurrent](#)
- [EIZO Unveils Next Generation SOSA Aligned 3U VPX Video Graphics Cards Powered by NVIDIA Blackwell Architecture](#)
- [New CompacFrame Optimized for Rapid Development of Rugged AI-Focused Applications](#)
- [Mercury Introduces First Safety-Certifiable, SOSA Aligned Mission Computer for Aviation Platforms](#)
- [EIZO Releases SOSA Aligned 3U OpenVPX Video Capture and GPGPU Card with up to Six 12G-SDI Video Channels for Situational Awareness Applications](#)

SOSA Working Groups

The success of the SOSA Technical Standard depends on its Members and leadership. If you wish to join a Working Group, please send an email to [The Open Group](#).

Don't Miss Out: Add Your SOSA Aligned Products and Solutions

Feedback from acquisition and procurement professionals with the services tells us they regularly reference the SOSA Aligned Product Directory to find SOSA aligned solutions. There are currently over 300 listings; don't miss out, [add your products today](#).

New SOSA Consortium Members

The SOSA Consortium has grown to over 170 [Members](#) at the Sponsor, Principal, and Associate levels. Welcome to the new Members below:

Associate level:

[Carnegie Mellon University Software Engineering Institute](#), [Firestorm Labs, Inc.](#), [KITCO Fiber Optics, Inc.](#), [MICROSS](#), [MilDef INC](#), [SAIC](#), [VIAVI Solutions LLC](#)

For information on becoming a Member of the SOSA Consortium, email Mike Hickey (Membership Director) [here](#).

SOSA Technical Status

The Open Group Sensor Open Systems Architecture Continues Its Momentum with the Release of the Technical Standard for SOSA® Reference Architecture, Edition 2.0, (Snapshot 3). Link to the media alert. [Download the standard.](#)

Published SOSA Documents

- [NEW: Product Certification Portfolio SOSA® Certification Program Configuration, Version 1.0](#)
- [SOSA Reference Implementation Guide](#)
- [SOSA Acquisition and Contracting Guide](#)
- [SOSA Business Guide](#)

Hashtags Facilitate Discovery – Boosting Your SOSA Visibility

Make your Social Posts more discoverable when sharing your news, expertise, and/or solutions by including hashtags (keywords, if you will). This fast and simple action helps to land your products and offerings in front of decision-makers and influencers who watch this marketplace closely.

#ogSOSA
#SOSAConsortium
#SOSATECHNICALSTANDARD
#sensoropensystemsarchitecture
#OpenStandards
#OpenArchitecture
#modularopensystemsapproach
#MOSA
#defensetechnology
#defenseindustry
#defenseinnovation



The Open Group, SOSA, and the SOSA logo are trademarks and registered trademarks of The Open Group.

Copyright © 2025. All rights reserved