



The Open Group FACE™ Consortium Newsletter

Issue #3 – 2022 Q1



*Editor's note: This newsletter is public information that may be shared freely with your colleagues.*

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### **FACE Consortium Upcoming Events**

Mar 22-24 *FACE  
Members  
Meeting  
Virtual*

Jun 21-23 *FACE  
Members  
Meeting  
Location  
TBD*

### **FACE CONSORTIUM COURSE ACCREDITATION**

The Open Group FACE™ Consortium has initiated a [training accreditation program](#). The program provides accreditation for training courses designed to help people acquire the necessary knowledge and understanding of the FACE Standard and the FACE Conformance program. The initial set of training courses is planned to include:

- FACE Conformance Training
- FACE Data Modeling Training
- FACE Transport Services Training

## Other Conferences and Exhibits

Mar 15 [Tri-Service Open Architecture = Interoperability Demo \(TSOA-ID\)](#)  
Solomons, MD

*TSOA-ID focusses on MOSA standards, including FACE, SOSA, HOST, and CMOSS.*

*Keynote speakers include*

- *Stephanie Possehl, Director of Engineering Policy and System (OUSD R&E)*
- *David Tremper, Director for Electronic Warfare (OUSD A&S)*
- *MG Robert M. Collins (PEO C3T)*
- *BG Robert L. Barrie (PEO Aviation)*

Apr 3-5 [Army Aviation Mission Summit \(Quad-A\)](#)  
Nashville, TN

Each training course will cover a standard set of learning points for a given topic in order to meet training conformance requirements and become accredited. The FACE Consortium will publish the learning points and the conformance requirements, and training course developers will create course material that meets those requirements.

*The Open Group is actively looking for course developers. if you think you would be interested in becoming an Accredited Training Course Provider please send an email to [ogface-admin@opengroup.us](mailto:ogface-admin@opengroup.us)*

## Leadership Interview



**Chip Downing**  
*BWG Outreach Subcommittee Chair*

Chip Downing is the Senior Director of Aerospace and Defense at RTI and chair of the Outreach Subcommittee of the FACE Business

Working Group. We sat down with him to find out what he sees ahead for spreading the benefits of the FACE Approach far and wide.

[Read the interview](#) to see Chip's answers to questions including:

- What does the future of the FACE™ Approach look like?
- As it has matured, have you discovered any new compelling benefits to using the FACE Approach?

Apr 4-6 [Sea, Air,  
Space  
National  
Harbor, MD](#)

May 10-12 [Vertical Flight  
Society  
Fort Worth,  
TX](#)

## New Training Videos

[FACE Conformance Test  
Suite Learning Series](#)

The Navy's Air Combat Electronics program office (PMA-209) avionics architecture team has created an instructional video series designed to serve as a guideline to address specific tasks using the FACE Conformance Test Suite (CTS). Straightforward and concise, each video is less than ten minutes and allows users to view or download additional videos based on their specific needs.

[www.opengroup.org/face/  
ctsllearningseries](http://www.opengroup.org/face/ctsllearningseries)

## On-Demand Webinars

- How does the FACE Approach support the U.S. DoD's latest initiatives like data-centric directives and JADC2?

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

## Recent Articles



*Feature article:*

[FACE Architecture Advancing in Development,  
Upgrades of Military Avionics Systems](#)  
*Avionics International, 26-Jan-22*

Avionics software aligned to the open system architecture of the FACE technical standard is increasingly being developed and becoming available for insertion and operation within fixed, rotary-wing and unmanned aircraft operated by airborne segments of several U.S. military services.

*Recent articles:*

[MOSA Solution Combines FACE Conformant OS  
with SOSA Aligned Intel Xeon 3U VPX Board for  
Security-Critical Applications](#)  
*Aerospace Tech Review, 19-Jan-22*

The 3U VPX SBC3511 single board computer from Abaco supports the INTEGRITY-178 tuMP RTOS from Green Hills Software for avionics and security-critical applications. The combined solution features a Modular Open Systems Approach (MOSA) that is aligned to the SOSA Technical Standard and certified to the FACE™ Technical Standard.

[MOSA Virtual Summit: Applying open architectures in avionics, radar, electronic warfare, & C5ISR systems](#)  
*Military Embedded Systems* 23-Feb-2022

[How FACE Standard Can Help in Designing Operational Flight Software Programs](#)  
*LRDA* 2-Feb-2022

[Developing FACE™ conformant software in Ada](#)  
*AdaCore* 1-Dec-2021

[FACE 3.1 Enhancements: What Could Possibly Go Wrong](#)  
*LRDA* 1-Dec-2021

[FACE™ Business Guide \(v3.0\) - Understanding the Value Proposition of the FACE Approach](#)  
*FACE Consortium*  
15-Jul-2021

## **FACE Consortium News**

### **New Members**

[TABASCo, LLC](#)  
(Associate level)

[New tool gives future Army aviators the aircraft experience from the classroom](#)  
*Army.mil*, 29-Nov-21

Both UH-60M and CH-47F AAPS are currently being integrated with the Reconfigurable Virtual Collective Trainer – Aviation hardware and Synthetic Environment software, which is capable of integrating with third party software and hardware in a modular open systems approach for the Future Airborne Capability Environment.

[FACE Multi-domain Operation Demonstrated on Helicopter Flight Deck at Recent TIM](#)  
*Aviation Today*, 10-Nov-21

A multi-domain operation demonstration led by Collins Aerospace featured 19 different FACE Units of Portability (UoPs). The demonstration was held at the FACE and SOSA TIM in September.

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

## **Upcoming FACE Special Edition of Military Embedded Systems**

*Military Embedded Systems* magazine is planning on publishing a FACE special edition to be delivered with the April/May issue, which will focus on avionics. The special edition will be published online and in print, and the print edition will be distributed at major aerospace trade shows throughout the year. It includes promotional opportunities such as advertising, product profiles, and executive “speakouts.” You can fill out the [MES reservation form](#) if you are interested in participating in any of the paid promotional opportunities.

Danbury Mission Technologies, LLC

(Associate level)

The FACE Consortium has over 90 member organizations at the sponsor, principal, and associate levels, and over 2,100 individual participants.

**FACE Consortium Officers 2021-2022**

Steering Committee

Chair: Joe Carter, Army PEO Aviation  
Vice-Chair: Marc Moody, Boeing

Business Working Group

Chair: Stephen Simi, TES-SAVi  
Vice-Chair: Amaka Chidozie, NAVAIR

Technical Working Group

Chair: Chris Crook, Army PEO Aviation  
Vice-Chair: Ben Brosqol, AdaCore

Data Architecture Working Group

Chair: James 'Bubba' Davis, DEVCOM AvMC  
Vice-Chair: Gordon Hunt, Skyl

**Working Groups:**

The success of the FACE Standard depends on its volunteers and leadership. If you wish to join a working group, go [here](#) for a complete list and send an email to [ogface-admin@opengroup.us](mailto:ogface-admin@opengroup.us)

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