



The Open Group FACE® Consortium Newsletter
Issue #12 – 2024 Q2



Upcoming FACE Events

- May 22, 2024 - [Webinar: Overview of the FACE Business Guide 3.1](#)
- June 10-13, 2024 - FACE Members Virtual Meeting
- Sept. 16-19, 2024 - FACE® and SOSA™ Technical Interchange Meeting

Industry Conferences and Exhibits

May 29-30, 2024 [CanSec](#) – Ottawa, Canada

June 17-18, 2024 [MOSA Summit & Expo](#) – National Harbor, MD

July 29-31, 2024 [AFLCMC Lifecycle Industry Days](#) – Dayton, OH

August 13-15, 2024 [GVSETS](#)- Novi, MI

August 22-24, 2024 [Tailhook](#) - Reno, NV

Q&A on the FACE Business Guide 3.1

We sat down with the Chair of the Business Working Group, Jason York from PEO Aviation, to discuss the recent update to the FACE Business Guide, which can be downloaded from the public website (www.opengroup.org/library/q243).

Jason explained that the business guide is heavily influenced by the US Department of Defense acquisition system with a target audience of executives and senior leadership from both Government and Industry to understand the value and benefits of FACE requirements in programs. However, anyone can benefit from reading the Business Guide, especially those new to the FACE Consortium or want to learn more about the FACE Approach. When on-boarding new people, Jason recommends they start with the FACE Business Guide and then move to their more targeted area of interest. For example, an acquisition professional would likely go to the FACE Contract Guide next while a software developer might pick the FACE Software Supplier Getting Started Guide.

During the interview, we also asked him:

- What is the purpose of the Business Guide?
- What are the top three takeaways from the Business Guide?
- For those that have read the previous edition of the Business Guide, what's new in this edition?

You can read the full Q&A at: <https://www.opengroup.org/face/york>

BITS Integration Event was a Big Success

On April 10, the FACE Integration Workshop Standing committee (IWS) hosted the 8th annual BITs event - an integration and test event where industry, academia, and government come together to demonstrate and integrate their solutions with each other, usually to test out a new part of the technical standard and report on lessons learned. This year, the event doubled in size to include 9 presentations covering a wide range of topics from the new TPM concept and standards alignment with ARINC 661 and GCIA to how the FACE Technical Standard is used in programs like ARCM to enable modularity and interoperability.

Some of the highlights include:

- The Aviation Radio Control Manager presentation by TES and GTRI showed how they are generating an impressive amount of code and tests automatically. Equally impressive is the portability across hardware platforms, operating systems, and ARINC-661 implementations
- The Technical Starter Kit from NAVAIR PMA-209 Avionics Architecture Team looks like a real a time-saver for companies starting new development, and it can provide a standalone environment that is integrator independent
- The Resilient Navigation Prototype Testing presentation by IDI described how they used BALSAs to rapidly prototype an end-to-end air vehicle control, navigation, and guidance system in only 90 days. Then it took them just 7 days to upgrade from 2.x to 3.x of the Technical Standard while also moving to the INTEGRITY-178 tuMP RTOS from Green Hills and Connex TSS from RTI. They also created several FACE aligned applications from scratch, such as a Magnetometer, LIDAR, PNT aggregator, Control Surface Servomotor, and Flight Control with auto-launch, auto-land, and waypoint navigation. Each application only took 2 days each to implement. Overall, IDI estimates that integration time was reduced by a factor of 4 by using the FACE Reference Implementation, including the FACE Data Model

Special thanks to Gui Goretkin, Karen Limardo, and Sally Bixby for contributing to the descriptions of these highlights.

FACE Consortium News

Newly Published Documents:

- [G243: FACE® Business Guide, Version 3.1](#)
- [G242: FACE® Contract Guide, Version 3.1](#)

MOSA Summit to Feature a Panel on the FACE®, HOST, CMOSS, and SOSA™ Technical Standards

FACE Consortium Sponsor NAVAIR is bringing influential experts together for what promises to be a fascinating panel at the MOSA Industry and Government Summit and Expo. Set on June 17 at 2pm ET, the discussion is entitled “You Had Me at Title 10 (MOSA) – Leading Open Standards Charge Forward”.

Panelists include FACE Consortium Steering Chair, Alan Hammond, PEO AVN APEO E&A, U.S. Army who will be sitting next to SOSA Consortium Steering Chair, Ilya Lipkin, Air Combat Command, U.S. Air Force, and joined by Consortia key Members, Jason Dirner, DEVCOM C5ISR Center, U.S. Army and Jon Drof, NAVAIR PMA 209 Avionics Architecture Team, U.S. Navy. These influencers will dig into acceleration of open standards adoption, active advancements (i.e. fielded yet?) with The Open Group Future Airborne Capability Environment, Hardware Open Systems Technologies (HOST) Standards Framework, Sensor Open Systems Architecture, and the C4ISR/Electronic Warfare Modular Open Suite of Standards (CMOSS; think ‘Victory’) for Air, Sea, and Ground. Agenda details on the Tri-Services track, and more: https://events.techconnect.org/MOSA_2024/dag.html.

Recent Articles

[Bell, Northrup Grumman, to build 12 AH-1Z attack helicopters, avionics, and mission computers for Nigeria](#) - *Military & Aerospace Electronics*, May 18, 2024

[Implementing Modular Open Systems Approach on the Enfuring Fleet](#) - *Army Aviation Magazine*, February 29, 2024

[Army's Jason Dirner to Keynote MOSA Virtual Summit](#), February 27 *Military Embedded Systems*, February 21, 2024

[Why Commonality and a "Family of Systems" Approach is Mandatory for a Modern Military](#)- *Modern Battlespace*, February 15, 2024

[Implementing Modular Open Systems Approach on the Enfuring Fleet](#)- *Electronic Engineering Journal*, February 13, 2024

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

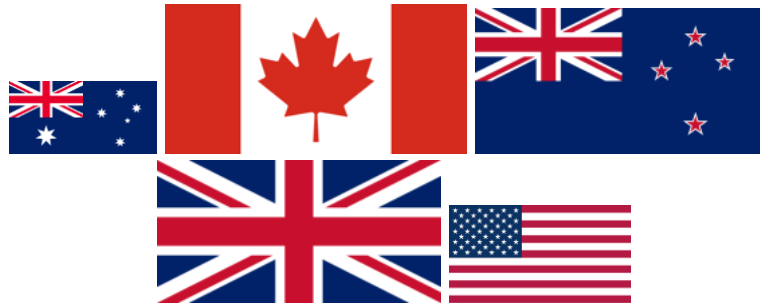
Press Releases

[DDC-I and North Atlantic Industries announce DAL A BSP support for safety-critical Deos RTOS running on NAI's 68PPC2 T2080 multi-core OpenVPX single board computer](#). - *March 28, 2024*

New Members

[Johns Hopkins Applied Research Laboratory](#)

The FACE Consortium is open to membership from Australia, Canada, New Zealand, United Kingdom, and United States.



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