Open Group Report

FACE™ Consortium Five-Year Strategy Plan

Prepared by the FACE Consortium Enterprise Architecture Standing Committee and The Open Group.

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1 Five-Year Strategy Plan

Vision

An enduring FACE enterprise that promotes and utilizes industry standard and evolutionary technologies and best business practices to provide portable, reusable, and interoperable software across the aviation community, resulting in faster delivery of capabilities and lower implementation and lifecycle costs.

Mission

To realize the vision by:

- Creating an environment to foster Government and Industry (customer and supplier) collaboration

- Conducting vendor-neutral, technology-neutral standards development in a manner that meets OMB Circular A-119

- Fostering an environment within our meetings that encourages innovation and creativity

Goal 1: Grow and diversify adoption of the FACE Technical Standard

1. Raise the profile and credibility of the FACE Technical Standard through public forums and demonstrations

   — Integrated Workshops – establish yearly Integrated Workshops (e.g., BITS events) to take place in the Spring each year

   — Technical Interchange Meetings – establish yearly TIM events to take place in the fall each year, rotating the host between each service branch

   — Establish regular communications via social media, press releases, publication in trade journals, and science, industry, and military conferences, and SME briefings for internal and external symposia and events

   — Survey the market for FACE products, identify opportunities for expansion, and develop a marketing plan to increase FACE adoption

2. Maintain the FACE Technical Standard as an open publicly available standard

   — Release FACE Editions 3.0, 3.1 with Data Architecture separated, and follow-on releases using The Open Group Standards Development Process

   — Investigate value and feasibility of obtaining ISO and/or STANAG status for the FACE Technical Standard

3. Maintain an efficient, effective, and credible FACE Conformance Certification program

   — Successfully transfer the CA/LA function from Vanderbilt to The Open Group

4. Position the FACE Technical Standard for avionics and adjacent markets

   — The FACE Consortium will investigate evolving the FACE Technical Standard into adjacent markets that are synergistic with airborne

Goal 2: Expand ecosystems that support the FACE Technical Standard

1. Build business and use-case studies to educate customer and supplier leaders to recognize value in buying and selling FACE conformant products

   — Identify business cases for developing portable FACE components designed to integrate on new and legacy platforms

   — Establish use-cases to convey how various types of software suppliers can gain market entry

2. Foster technical training and education to increase the population and skills of FACE architects, developers, testers, and integrators

   — Maintain a third-party training list which is accessible from the FACE Landing Page

   — Establish accredited FACE training courses

   — Explore the viability of standing up a certified FACE training program (modeled on TOGAF® certification)

3. Maintain an efficient, effective, and sustainable FACE Library structure that attracts products and buyers

   — Provide a FACE Landing Page to efficiently access and navigate FACE publications, processes, and tools

   — Optimize problem reporting and change request processing to quickly resolve issues with FACE publications, processes, and tools

   — Enhance access to and navigation within the registry of FACE conformant software

4. Promote market-generated tools to achieve efficiency and productivity for developing FACE products

Goal 3: Advance software development science and technology through studied revisions to the FACE Technical Standard

1. Generate updates and improvements to the FACE Technical Standard so that it continues to drive competitive advantage for its users

2. Cultivate relationships with business and technology leaders who will contribute innovative advancements into the FACE Consortium

   — Leverage FACE Advisory Board resources, expertise, contacts, experiences, and lessons learned

3. Create alignment with complementary technical standards to enhance the interoperability and value of the FACE Technical Standard

   — Continue alignment with SAE AS – 4UCS and JTNC SCA standards

   — Continue alignment with the Data Architecture forum to foster and promote interoperability between standards

   — Align efforts with The Open Group Cyber Security Coordination

   — Develop equivalent and traceable FACE architecture views suitable for UAF, the ArchiMate® language, NAF, and other appropriate framework users

Goal 4: Employ sustainable governance practices that ensure long-term viability of the FACE Consortium

1. Align operational processes with member needs

   — Apply appropriate PR/CR metrics management and reporting to ensure timely resolution of issues

2. Establish an Advisory Board with experienced, knowledgeable, and skilled members providing valuable leadership perspective

   — The FACE Steering Committee will present the state of the Consortium to the Advisory Board every six months

   — The Advisory Board will review the work of the Consortium and provide guidance on the progress, focus, and output of the Consortium but will not participate in the governance of the Consortium