TECHNICAL FELLOWSHIP

Technical Fellow

Marc Moody

AvionX Controls and Displays Chief Engineer
AvionX Geospatial Software Product Line Owner
Attack Mission Systems Graphics/Geospatial Software Chief Engineer
marc.d.moody@boeing.com
(480) 510-6257
Mesa

Areas of Expertise

- Geospatial Software
- OpenGL Graphics Rendering
- Displays Hardware and Software Architectures

Current Activities:

- Geospatial Embedded Mapping Software (GEMS) V4.0 development
- AvionX Flight Deck Demonstration
  - User Experience (UX) and ARINC-661 Cockpit Display System integration
- Future Airborne Capability Environment (FACE) Graphics Committee Co-Chairman
- ARINC-661 Committee Member

Education: B.S. Computer Systems Engineering 1994, ASU

BIO

Marc is a Boeing Technical Fellow with Boeing Defense, Space and Security (BDS) in Mesa, Arizona. Marc is the AvionX Controls and Displays Chief Engineer, supporting the Boeing Enterprise, in defining, building, and providing Displays HW and SW solutions. Marc is the AvionX Geospatial Software Product Line Owner. In Mesa, he supports the AH-64 and AH-6 rotorcraft programs as the Chief Geospatial Software engineer. He is also a subject matter expert in the realms of Open Graphics Languages (OpenGL, OpenGL ES), as well as software digital moving maps; avionics and commercial graphics/video display architectures. He is the inventor of the Geo-spatial Embedded Mapping Software (GEMS), now widely used across Boeing and available commercially; and having multiple patents. Marc is co-chairman of the Graphics Committee for the Future Airborne Capability Environment (FACE).