



Ground System Architectures Workshop ***Driving Innovation for Enterprise Integration***

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Bill Nichols

Bill Nichols is a Principal/Director at Booz Allen Hamilton and has system engineered and integrated space systems for over 35 years. For the past 7 years, he focused on bringing innovation to the DoD's weapons systems through modern digital engineering approaches. He primarily focused on PNT systems such as Resilient Embedded GPS/INS (R-EGI), Air Force PNT Reference Architecture, NTS-3, and the ORDWG Government Reference Architecture (GRA). Prior to this, Bill led several large-scale SE&I efforts with a focus on complex space systems. He managed the GPS SE&I contract and led GPS enterprise trades and analysis efforts for the Air Force GPS Directorate. As a leader on the TSAT SE&I contract, he initiated many innovations such as CAIV, Stakeholder Utility Analysis, Early Integration Activities, and Mission Thread Analysis. Prior to Booz Allen, Bill spent 19 years at Boeing (formerly Hughes) designing, building, integrating, and testing satellite systems for NASA and DOD missions. His last role at Boeing was managing a team of end-to-end system engineers in the DOD, Intelligence, and Commercial markets. He holds a Master's degree in Systems Architecting and Engineering from University of Southern California (USC) and a Bachelor's degree in Electrical Engineering from the University of Delaware.