



David is a retired Army Signal Corps Noncommissioned Officer with 30 years' experience in the information technology arena focusing on secure networking in both strategic and tactical environments. He specialized in satellite and microwave communications, installing and designing networks ranging from man portable systems to large complex Earth Stations. David served for 9 years with the White House Communications Agency supporting the National Command Authority and traveling globally in support of this mission.

While assigned to 160th Signal Brigade he was responsible for communications commercialization for the Southwest Asia Area of Operation. He oversaw 50 programs to transition from tactical networks to strategic networks at major locations. He also established robust information technology infrastructures supporting smaller bases in austere locations and linking them into the larger networks to provide a resilient capability to the command authority. David also served in many security positions encompassing cyber and physical security functions across many different security and threat levels. He has extensive experience in the areas of network and cyber operations in both defensive and offensive capabilities. He oversaw programs for several different government agencies that required high performance teams to efficiently execute both strategic and tactical objectives in short time frames for DoD, Federal Agencies, and the Intelligence Community. He has a deep understanding of converged technologies, applications, security, compliance, and continuity of operations.

He upon retirement transitioned to industry and worked on programs in the areas of remote sensing and utilization of unmanned systems. He worked on 3 Joint Improvised-Threat Defeat Organization programs focused on counter-IED operations. The programs utilized manned and unmanned aerial platforms to support this mission. David designed and implemented the information technology systems that provided the linkage from the UAS platforms to processing and control centers located both in theater and in the United States. These networks extended services to forward deployed locations and transmitted large complex datasets back to US based locations for in-depth future analysis. These systems had to support multiple different data protocols due to the different C2 and sensor types that were being utilized. While working on these programs he worked across the multiple program phases to include research and development, system architecture, requirements definition, analysis, and field test support. His extensive wide-ranging experience provides him with a unique understanding in National Security from an operational standpoint that is invaluable in the research and development of new technologies that can be applied to counter these threats.

He serves as the National Security Program Area Lead for the Florida Applied Research in Engineering unit at the University of Florida. He currently leads programs in the application of Artificial Intelligence in research areas such as Space Domain Awareness, Biomedical Modeling and Simulation, Immersive Simulation, Cybersecurity Operations and Natural Language Processing. He holds Graduate Certification in AI Ethics from UF and multiple Certifications in AI implementation from MIT. He holds PMP, CISSP, ITIL Expert and SMSP certifications as well as possessing the R (Research and Development) and I (Installation) identifiers from the DoD