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Senior Member Technical Staff, serving in the Acquisition Support Program, supporting software and systems engineering activities in military satellite communications programs.

At Raytheon Systems Company he served as Software Systems Architect for Future Combat Systems, Ground Sensor Integrator program. Prior work leading up to this effort included serving as technical lead for System of Systems (SoS) architecture efforts in support of local Army Objective Force-related programs.



Duties in these roles included defining requirements, working with customer and stakeholder representatives to address boundaries of responsibilities, and writing proposals leading to the capture of these contracts. The SoS architecture addresses cooperative behavior of humans, manned vehicles, and robotic elements realized as distributed, peer-to-peer, mobile platforms employing wireless communications in a hostile environment.

Chief Technical officer at ScenPro, a business of change management, domain analysis, and project management for research and development programs. His duties included technical and managerial support for ARPA funded programs in the Health care Information Infrastructure Program (HIIP), including military/civilian trauma care program known as the Trauma Care Information Management System (TCIMS), and the Environment for Automated Systems Engineering (EASE) program. He executed the development of a medical facility casualty flow simulator and analysis system as part of a Small Business Innovative Research (SBIR) program contract. All modeling of medical procedures, medical records, and infrastructure was executed using OOA/OOD found in the literature (OMT, Coad) as well as some of our own design.