

Chyau Shen



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Biography

Mr. Shen is the Director of the Special Surveillance Programs, Naval Air Systems Command. In this role, he is the technical manager for advanced concepts and directs rapid response technology insertion, and remote surveillance projects for Department of Defense (DoD). Mr. Shen has a wide technical background and technical expertise in remote sensors, navigation architecture, laser radar and reconnaissance/surveillance.

Mr. Shen has developed a number of rapid response solutions to urgent Defense Department intelligence and surveillance needs. He develops the system architecture and directs the integration of advanced technologies into “game changer” yet affordable systems. These systems were quickly adapted, tested, and rapidly deployed to combat zones to support US and Coalition forces.

After fielding, Mr. Shen implements spiral developments to continue system enhancements. Mr. Shen executes programs for the Navy, the Office of the Secretary of Defense, U.S. Special Operations Command, Army Intelligence, and the Joint Improvised Explosive Device Defeat Organization.

Mr. Shen’s recent accomplishments include the development and fielding of the Persistent Ground Surveillance System (PGSS) and multi-Intel tactical UAV. Both programs address urgent requirements from DoD to rapidly field advanced systems to combat areas. These new rapidly fielded system increases force protection and provides a more complete surveillance picture through development and/or integration of information from new sensors and processing systems. The PGSS program was the first Joint Capability Technology Demonstration ever to start, demonstrate, assess, and field in less than one year.

Mr. Shen immigrated to the US from Taiwan when he was 14. He is a graduate from the University of Pennsylvania (B.S.E.E.) and Columbia University (M.S.E.E.).

Mr. Shen has published numerous technical papers and his Advanced Concept Technology Demonstrations (ACTD) team was awarded the “2003 ACTD Team of the Year” by the Deputy Under Secretary of Defense for Advanced Systems and Concepts. In 2007, Mr. Shen received the National Tibbitt's Award for his outstanding contributions to the Small Business Innovation Research Program. The Navy presented Mr. Shen and his team with the 2012 Acquisition Excellence Award.