



Robert Doto

Electronic Warfare

Robert Doto completed his government career after 35 years of service as the Director of the Communications, Electronics Research Development and Engineering Center where he had responsibility for programs in the areas of: Night Vision and Electro Optics; Command and Control; Communications; and Intelligence and Information Warfare. While Director he recognized the need to test and evaluate under field conditions the systems he was responsible for as well as systems developed throughout DOD. He created an extensive instrumented field environment at Ft. Dix, New Jersey designed to show how integrated systems worked together under real-world field conditions and contributed to the concepts of Network Centric Warfare being evolved by DOD.

Mr. Doto was previously the Director of the Intelligence and Information Warfare Directorate, a successor organization to the Combat Surveillance and Target Acquisition, Electronic Warfare, and Signals Warfare Laboratories. His programs consisted of Signals Intelligence; Radar; IED Countermeasures; Remote Sensors; Information Operations; and Cyber Warfare. Under his leadership the organization doubled in size of both personnel and technology funding and positioned I2WD for the future plus providing a solid foundation for new Cyber Warfare threats.

While at Camp Evans Bob was responsible for several ground Radar and Identification Friend or Foe systems. These included the MPQ-4A counter mortar radar system, a predecessor to the famous FiREFINDER TPQ -36; system engineer for the PPS-5A and PPS 5B Short Range Combat Surveillance Ground Radar Systems all of which saw extensive service in South East Asia. He was the production engineer for the FIREFINDER Radar Systems

(TPQ-36, TPQ-37) and the Stand Off Target Acquisition System (SOTAS), as well as project Engineer for several Bistatic Radar programs including the BRIGHT Radar development which was tested as an acquisition aid for the Stinger Missile system.

His responsibilities in Combat Identification included Air Defense IFF secondary surveillance Radars and Aircraft transponder systems such as the TPX 46 family of interrogators, for both Patriot and Hawk Missile Systems and PPX 3 used with the Stinger Missile System. The concept of Non Cooperative Combat Identification was also evolved with multiple innovative technologies evaluated to provide positive identification of friendly forces in a complex and dynamic environment. In addition several USMC programs were also developed and fielded including the PPN-19 family of offset bombing beacons and the PPS-15 Short Range Ground Radar System. As the Deputy Project Manager for Combat Identification he served as one of the Army leads for the Joint Combat Identification Task Force, which charted a strategy for future of Combat Identification.

While Chief of the Technical and Logistics Division of PM EW/RSTA he was responsible for the Development and Fielding of the Guardrail Common Sensor SiGINT system, Advanced Quick Look ELINT System, REMBASS Unattended Ground Sensors and Stingray programs.

He holds a Masters in Management Science and an undergraduate degree in Electrical Engineering and is a graduate of the Defense System Management College in Program Management.

Currently Mr Doto is the President of Robert Doto Associates, a consulting firm providing services to several Defense Companies in the areas of Radar and EW.

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