



ANTX NICE

Sponsors: Naval Warfare Development Command (NWDC), Naval Information Warfare Center (NIWC) Atlantic, Naval Surface Warfare Center (NSWC) Crane.

Description: A task force hosted by Naval Warfare Centers for the specific purpose of assisting concept development. ANTX provides a lower-risk environment where scientists and engineers can evaluate innovations at the R&D level before militarization to interface at the operational level. Each exercise creates operationally relevant scenarios that are focused on meeting mission priorities and gaps as determined by the Naval Research and Development Establishment (NR&DE) and Fleet Commanders.

Objectives: Series of individual events focused on rapid acquisition by utilizing a wide variety of industry technology to explore future capabilities. The event is conducted both on site and virtually, providing lower risk in R&D performance as well as the cultivation of relationships with industry partners. Demonstrate emerging technologies and innovations to address mission priorities and gaps.

SEC Support: Utopia Compression Corp (UC) developed a Multisensor Perception and Situational Awareness System (MPSA) that provides autonomous tracking and classification of surface objects by employing a suite of sensors including multiple radars, IR, and an EO sensor. DON-SEC team facilitated development of experiment objectives, data collection and analysis procedures, and mentored the UC team through the steps to deploy the system on Naval Surface Warfare vessels to conduct experimentation. UC is now postured to showcase their system during ANTX NICE or other future events. This opportunity will provide Naval leadership with valuable data to help inform future decisions regarding further growth and utilization of the MPSA technology to directly support Navy mission requirements.

Link: <https://www.niwcatlantic.navy.mil/antx/>



When?

Conducted annually in the spring, previous event was April 2021 in Camp Lejeune, NC.

