



ThunderDrone RPE I

5 Sept. - 3 Nov. 2017

On 1-3 November 2017, SOFWERX, in collaboration with USSOCOM, hosted over 200 participants from government, industry, academia, and labs to participate in a variety of demonstrations and presentations.

Key technologies demonstrated levels of autonomy and mapping for land and air to include navigation, target identification, analytics in geospatial and intelligence, ATAK interoperability, small sub-surface vessels, and quadruped Unmanned Ground Vehicle robots.

ThunderDrone RPE I showcased examples of machine learning that utilized advanced algorithms being fed numerous streams of live or near real-time sensor data.

Event Outcomes

- Through direct feedback from government attendees, SOFWERX continued to support and advance the industry partners that presented promising technologies and facilitated government-industry interactions that will ultimately place advanced drone capabilities into our warfighter's hands.
- The ThunderDrone RPE I event hosted 222 industry and warfighter/government participants. There were 32 hand-selected industry companies, laboratories, and universities that participated in 31 experiments or demonstrations.
- Received and evaluated 675+ government attendee comments on industry technologies.
- Facilitated 100+ government-industry discussions for potential partnerships.
- Collaboration through the ThunderDrone RPE led to 10 teaming arrangements demonstrating their integrated technologies towards a desired warfighter capability.