

SOFCON: SOF CEMA

16-20 July 2018

On 16-20 July, SOFWERX hosted a dual track SOFCON Working Group with the theme of SOF Cyber Electro-Magnetic Activities (CEMA). The Project Track provided an environment for SOF related technology exploration and innovative technology use based on direct interaction and feedback with Warfighters. This track permitted SOF Operators and engineers/hackers/makers to experiment with non-standard commercial technologies in order to develop use case concepts and build a common repository of instruction sets. The Speaker Track allowed for Warfighters the opportunity to view presentations from expert speakers and select exhibitors and featured the SANS Institute Training.

Focus Areas

- Cyber
- Electronic Warfare
- Signals
- Drones
- Additional Warfighter Nominated Projects

Event Outcomes

- 31 Warfighters and 35 Subject Matter Experts from industry and labs were present.
- 12 Companies exhibited CEMA related technologies and capabilities.
- 8 Speakers from Industry provided uses cases, industry updates, and pertinent information in their field.
- FormLabs presented basic and formal 3D printing training.
- SANS Institute conducted a day long ICS Net Wars training. (USASOC representative made it to level 4 with a 75 point lead)
- 9 Warfighter projects were presented to 52-person audience and then posted to www.sofwerx.org/arrowanchor:
 - RFID “Cloning”
 - Zigbee/IoT Survey Tool
 - Drone WiFi Disable
 - Open-Source Easy Passive WiFi Survey
 - Raspberry Pi Tracking
 - Pi & SDR Nodes
 - GNU Radio & Pothos ware
 - Hack RF + Lime SDR
 - Agile Meridian
- Warfighters attended a CEMA Panel featuring representatives from the White House, Academia, USASOC and J39x.