

Government Contract Agency

PEO EIS Technology Applications Office
SFAE-PS-TAC
1671 Nelson Street
Fort Detrick, MD 21702-5044

Contract Number: W904TE-13-D-0989

Narrative

The United States Special Operations Command (USSOCOM) has a requirement for a Special Operations Wireless Lab (SOFWL) to provide scientific, engineering, integration, and technical support services.

The SOFWL will provide a capability for rapid testing and assessment, modeling and simulation, software verification, validation, and accreditation, and will provide laboratories and equipment bays designed for technical testing and assessment. The SOFWL will provide a realistic, operational environment and highly configurable test bed to conduct developmental and operational testing, demonstrations, experimentation, and vulnerability assessments of Commercial Off-the-Shelf (COTS) and Government Off-the-Shelf (GOTS) technologies that are relevant to Special Operations Forces (SOF) applications.

Basic Scope of Effort

Research, develop, test, and evaluate relevant technologies, which maintain the capacity to provide a "Right Sized" deployable communications architecture incorporating both cellular and Wi-Fi network technologies leveraging Smartphones as the primary user interface. System provides extended C2 capabilities and integration with military communications infrastructure.

Specific Frequencies Utilized

Wi-Fi (802.11): 2.3 – 2.5 GHz (2w)

Cellular: 1700-2100 MHz, UMTS Band 1 and 4 (1W)