

CPO 43 SBIR 22.1 Phase I Rampart

Project Summary

SOFWERX, in partnership with the United States Special Operations Command (USSOCOM) Small Business Innovation Research (SBIR) program office, awarded a SBIR Phase I contract to Rampart for SOCOM topic 221-001 titled "Low SWaP Tactical Ultra-Secure Communications System" to conduct a feasibility study. Rampart was tasked to analyze channel models, determine the optimal physical layer open systems interconnection (OSI) configuration, and complete a side-by-side analysis of existing commercial off-the-shelf (COTS) options.

Resources Consumed

Total Cost: \$152,393



Project Timeline

Kickoff:

11 March 2022

Monthly Reports:

08 April - 08 August 2022

Final Report & Form 882 Delivered:

02 September 2022



Project Results

Rampart was one of seven companies selected for the SBIR Phase I topic. Rampart successfully completed a thorough feasibility study on determining optimal characteristics and hardware required to build an Ultra-Secure low SWaP tactical communications system. Rampart submitted their findings to the Defense Technical Information Center (DTIC).

