

National Security Operational JADC2

Joint All-Domain Command & Control

Resilient communications with minimal to no impact to Warfighters in a contested and denied environment.



Private Access Cellphone (PAC)



Secure Data/Comms Backbone



Common Operating Picture (COP)



Identity Warrior Biometrics App

Multi-Enclave End User Device



- One Device – multiple security enclaves
 - Redwall Mobile multiple Mode and persona's
- CSFC and NIAP certified
 - Data-at-Rest (DAR) and in transit (CSfC VPN)
 - AES and Elliptic Curve Cipher Suites
 - Up to Top Secret
- End-to-End encrypted voice and data
- FIPS 140-2 level 3 Validated
- MIL-STD-810G and IP67
- OTA Device and Key Management

Common Operating Picture (COP)



- Worldwide across AORs Interoperability. Worldwide Satellite Imagery, SAR, ELINT data.
- Operates on PCs, Smartphones, Smartwatches.
- Uses radios, mesh nets, cellular, satellite and various encryptions in any combination.
- Air, Ground, Sea, Space situation; Vast Capacity-10,000+ Realtime entities.
- Provides Worldwide situation alerting.
- Tracks the location of Logistics.
- Interfaces with various air and ground radars.
- Receives real time video from Aircraft and UAVs.
- UAV Swarm Tracking.
- Sensor Interfaces including Seismic, Acoustic, Magnetic, Imagery.
- Simple Operator Interface with built-in training.
- Automatically provides Biometric data of Users.
- Operates as an App or Web Client

NSA CSfC Encryption Device



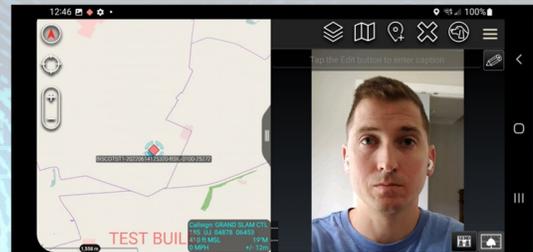
- Compatible with any IP-enabled device with near zero configuration required
- Preset to block all inbound traffic and allow only device-established connections
- Captive Portal Isolation
- Commercial National Security Algorithms (CNSA) Level Cryptography
- Commercial Solutions for Classified (CSfC) Approved
- National Information Assurance Partnership (NIAP) Certified
- Federal Information Processing Standards (FIPS) Compliant
- Tested on up to 5 Concurrent WiFi Devices (LAN)
- Tested on up to 30 Concurrent Ethernet Devices (LAN)
- Network Interfaces: 2 x 1Gb Ethernet on RJ45, 2 x Wi-Fi (2.4 & 5 GHz)
- IKEv1 with pre-shared keys (quantum-resistant), and IKEv2 with certificates (with mandatory support for NAT traversal)

Identity Warrior 2.0

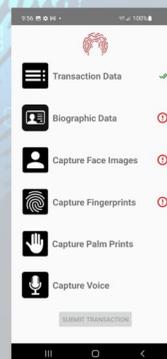


- Collects Face, Contactless Fingerprints and Voice for matching to DOD or Coalition Watch List
- Allows for the use of any model Integrated Biometrics fingerprint sensor and any Iritech iris sensor for contact finger and iris collection.
- Offers long-range face matching and face-from-video capabilities.
- Fully integrated with SOFEX/DoNISIS/DEX portals for off device matching, dissemination and exploitation.
- Provides TAK Spot Reports for any local watchlist or DoD ABIS match and includes face image and rap sheet.

ATAK integration



Collection



Watch List



Prime System Integrator



ravenworkslabs.com

Jeff Sapp
Ravenworks Labs Inc.
+1 (678) 551-4026
jeffrey.sapp@ravenworkslabs.com

HQ USCENTCOM Program Representative



John Ortiz
HQ USCENTCOM J8 R&T Branch
+1 (813) 529-8114
john.a.ortiz6.civ@mail.mil