





PEO-SOF DIGITAL APPLICATIONS

- MISSION:

Rapidly consolidate, integrate, acquire, and divest of SOF unique software solutions through use of the Adaptive Acquisition Framework and commercial best practices while providing cradle-to-grave management for the duration of required capabilities.



SDA Portfolio Overview

- SOF Digital Applications is the SOCOM office tasked to enable SOF personnel to win on the information battlefield.
- SDA was created to enable the agile acquisition of modular, open, integrated **Mission** Systems.
- We leverage software to support the SOF mission.
- We find or create opportunities to acquire unique and exquisite capabilities benefitting the SOF mission.
- By harnessing talented software professionals, we rapidly develop solutions to SOF's current and future digital gaps.

Mission Command System/Common Operating Picture MCS/COP

- SOCOM's integration with JADC2 and related service solutions
- Integration of mission planning, execution, and post-mission processes and artifacts within a collaborative Common Operational Picture
- Rapid exchange of data between network domains and classification
- Fine-grained access controls from tactical to strategic users



Special Operations Mission Planning Equipment | Tactical Assault Kit SOMPE | TAK

- Commercial Solutions Opening for Air Mission Planning
- Leveraging the TAK Open Government Owned DEVSECOPS Pipeline
- SOF peculiar Tactical Assault Kit (TAK) plug-in development
- Continuous Integration with Warfighting Platforms
- SOCOM TAK Server Federation

Current Ecosystem



Digital Ecosystem DE

- Provide PEO-SDA with technical talent
- Technical talent in the following areas:
 - Data Scientist
 - Data Engineer
 - Software Developers
 - Data Integrator
 - Database Administrator/Engineer
 - Data Architect
 - System Architect
 - Data Manager
 - Machine Learning Engineer
 - Front End Developer/Software Engineer

Ecosystem of Vendors

STEMBOARD

Future Opportunities

LEVELUP
CODE WORKS



Distributed Common Ground Sensor DCGS-SOF

- Enterprise/ All-Source Information Fusion (ENT/ASIF)
 - Advanced Analytics
 - Capability Integration
 - Denied-Disrupted Intermittent and Limited (D-DIL) Environment
- SOF GEOINT ISR PED (SGIP)
 - Artificial Intelligence/Machine Learning
 - Fusion-as-a-Service
 - 3D Modeling
 - D-DIL Environment

Current Ecosystem of Vendors


















What PEO SDA is doing today

- Rapid delivery
- Empowered decision-making
- User-Focus
- Adaptive mission software



Where PEO SDA is headed

- Focus on integrating products
- Continue market research in our operating space
- Find and acquire modular, open solutions
- Developing test environment for future competitions



Opportunities for industry to engage

- Tech talent award coming soon
- CSO for SOMPE (on the street at SOFIC)
- Beginning research for DCGS-SOF Next in FY23
- Continue to leverage SBIRs – SAM.gov



Questions

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