

SEC CORE CAPABILITIES



Pilot for CECOM Software Engineering Center

Software Development

- Development (across multiple domains)
- Continuous Integration/Continuous Delivery (CI/CD) and Agile Development Process
- CI/CD Automated Developmental – Build Pipelining
- Cloud Native Software Development
- Applications Support
- Web Services Support
- Micro-Services
- Artificial Intelligence (AI)/Machine Learning (ML)
- Lead System Integrator



CI/CD Infrastructure

- Developmental Infrastructure
- Tactical Infrastructure
- Facilities and Lab Infrastructure
- Lab Virtualization
- Containerization

Software Testing

- Test Automation
- Interoperability
- Independent Verification and Validation
- Modeling and Simulation



Enterprise Resource Planning

- Enterprise Help Desk
- Business Process Re-engineering
- Data Strategies
- Application Integration

Cybersecurity

- Risk Management Framework (RMF)/Authorization to Operate (ATO)
- Patch Management
- Hardening
- Software Assurance (SwA) Assessments



Software Deployment & Field Support

- System Automated Deployment
- Patch Management Deployment
- Delivery Pipelines
- Field Support
- Software Readiness

Electromagnetic Warfare Reprogramming

- Collaborate requirements and solutions with the Joint Electronic Warfare Community
- Improve responsiveness, quality, and speed for performing the reprogramming mission and delivery to the Warfighter
- Develop and maintain platform and/or mission specific software reprogramming mission data and tools
- Develop and maintain threat-based models and simulations that support development, testing, and verification



Software Acquisition Support

- Acquisition Management and Process Support
- Foreign Military Sales (FMS) Development and Support
- Software License Management
- Contract Management Support

Building Army-wide Software Capabilities with Agile CI/CD Best Practices

A.I. Flow

Welcome to AI Flow. The most helpful place in the Army to get work done. Select an agent that will help you with your workflow.

Search agents...

<p>SEC Agent Management (Official) Help SEC management with managing People, Operations and Customers</p> <p>Limited Users Admin</p>	<p>Army SSC - CyberSec (Official) Army Shared Services - Assistant for all but has as focus on Cyber Security in the ARMY.</p> <p>Limited Users Member</p>
<p>SEC IEW&S Agent (Official) IEWS: Focused on Cyber Security and infrastructure for the Army.</p> <p>Limited Users Admin</p>	<p>SEC SE2 Agent (Official) SE2 is focused on infrastructure and software</p> <p>Limited Users Member</p>
<p>SEC Skills Inventory Portal Agent (Official) All employee skills and certifications in</p>	<p>J&A Composer Agent (Official) *Analyst* Help the Army Contracting Command</p>

Pilot for CECOM Software Engineering Center

Sources Metrics Admin About

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This team flow showcases what your team has recently published to this agent only, sharing work that each of you have done. This helps your team collaborate. Search Anything!

Ask me any question you like... or brainstorm an idea.

This Search Engine is like Google Search, but for only this agent.

Ronald Rizzo
12 Agents
Your Posts this Week: 0
Team Posts this Week: 4
Your Total Posts: 0
Team members: 1
Tokens You Used Today: 0

Frank Frisby
Humvee | Project Details | Bowser's Doom
1/2/2023 1:07:11 PM

Humvee Build: Cost and Timeline Breakdown

Project Details

Project Objective: Build a Humvee with detailed design specifications, cost estimation, and schedule.

Key Deliverables:

Cost Estimation:

- Total estimated cost: **\$66,012.94**
- Major components include Industrial Automotive Paint, Deep Water Fording Kit, Tactical Doors, ...

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Why Use Team Flow?

1. Search Everything:
Imagine having every piece of your team's knowledge and work at your fingertips. Team Flow uses AI to make past work instantly searchable, so you can find exactly what you need, when you need it, without digging through folders or emails from 3 months ago.

2. Fast Onboarding:
Help new team members hit the ground running with instant access to everything they need. If you are a new team member, you can quickly understand this project, team roles, and history without wasting time piecing



PUBLIC PRIVATE PARTNERSHIP (P3)

P3 enable a more collaborative relationship in which parties from both public and private-sectors can leverage and maximize the use of their resources in ways not specified in their underlying contracts

INDUSTRY BENEFITS

- Accelerates innovation
- Establishes long-term use agreements
- Provides **access to a skilled, diversified and trained organic workforce**
 - Leveraging expertise and know-how
 - Comparable labor rates
 - Long-term workforce stability
- Contributes to the implementation of industry best business practices
- Government cannot make a profit (no fee)
- **Improves product quality** and reduces defects in software products.
 - Leverage SEC core capabilities:
 - Software Assurance: code assessments
 - Cyber Security: ATO expertise
 - Independent Verification & Validation (IV&V)
 - Access to **skilled government workforce**
 - Access to **secure laboratories and testing facilities**
 - **Reduced capital investment and operating costs** through shared facilities, equipment, information, and resources



GETTING STARTED



**COMMUNICATIONS-ELECTRONICS COMMAND
SOFTWARE ENGINEERING CENTER**

PUBLIC-PRIVATE PARTNERSHIP (P3)

**INNOVATIVE .
AFFORDABLE .
COLLABORATIVE.**

- ➔ CECOM SEC is the Center of Industrial and Technical Excellence (CITE) for C5ISR system software maintenance.
- ➔ The CITE designation allows SEC to enter public-private partnerships using several business models.
- ➔ Learn more about our CITE designation and P3 on our website:

<https://www.cecom.army.mil/SEC/P3>



**SEC
Public-Private
Partnership (P3)
Program**

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