Sigma Defense Cyber Capabilities

Sigma Defense offers a full spectrum of cyber capabilities aligned with the DoD 8140 Workforce Elements to enable CJADC2.

Cyberspace IT

- Systems Integration
- Lab Manufacturing and Testing
- Network Engineering
- Training and Simulation Environments
- Cloud Deployments
- Instrumentation Systems

Cyberspace Enablers

- Systems Engineering and Technical Advisement (SETA)
- Requirements Derivation and Analysis
- Product SDLC Support
- Configuration Management
- Critical Program Information Protection
- Cybersecurity Program Management

Cyberspace Effects

- Advanced Cyber Operations Support
- EW Threat Simulation
- EW/RF Cyber Range T&E

Cyberspace Intelligence

- Command and Control Intelligence Surveillance and Reconnaissance (C2ISR)
- Threat Research and Analysis

Software Engineering

- DevSecOps
- Software Factories for Rapid Accreditation and Delivery
- UI/UX Design
- Augmented Reality/ Virtual Reality (AR/VR)
- Model-Based Systems Engineering

Cybersecurity

- Security Design and Implementation
- Systems Assessment and Authorization
- Threat Systems Maintenance
- Software Certification
- Cyber Risk Assessment
- Penetration Testing
- Network Monitoring
- Incident Response

AI/Data

- Signal Fingerprinting
- Customized Applications for Sensor Integration and Sensor Fusion
- Large Language Model (LLM) Evaluations

Sigma Defense