



EMERALD

TECHNICAL SOLUTIONS

CAPABILITY BROCHURE



PEOPLE.
TECHNOLOGY.
MISSION.



EMERALD
TECHNICAL SOLUTIONS



**INFORMATION TECHNOLOGY
EXPERTS**

Capability Statement

About Us

Emerald Technical Solutions has two complimentary missions: provide resources and opportunities for Airmen, Marines, Sailors, and Soldiers who are transitioning from an active status to the civilian workforce with career opportunities, while also providing clients with exemplary service and solutions based on the principle of transparency through technical expertise and oversight. Emerald Technical Solutions is an SDVOSB business.

The Emerald Dynamic

Our leadership team currently serves part-time as Maryland National Guard Soldiers and manages business operations at Emerald full time. This dynamic trait of our leadership team allows us to carry a passion rarely seen within the competitor pool. Emerald was built to help service members find employment, deliver exceptional technical products, and continue to grow our family with the mindset of keeping the nation safe, being community leaders and giving back.



ITAAS

Team Emerald builds and manages cloud virtual storefronts that allow customers to work from anywhere completing software development, infrastructure management and supports joint efforts.



CYBER SECURITY

Team Emerald Cyber engineers implement Cyber measures that keep us and customers safe. We understand NIST policies, Zero Trust architecture, CMMC Compliance, RMF and ATOs



SERVICE DESK

Team Emerald understands the importance behind service desk management and implementation for our customers. We enforce SLAs and OLAs that correlate to the service desk



ENGINEERING

Team Emerald builds zero trust, work from anywhere computing environment either on-premises or in the cloud. We understand server technology, virtualization, and computing at the highest levels.



CLOUD IMPLEMENTATION

Team Emerald has successfully migrated government customers into impact level 4/5 and 6 environments from on-premises. Our cloud engineers are certified in Azure, AWS and GCP cloud



CI/CD Integration

Team Emerald builds continuous integration and delivery environments that allow our partner developers to build, test and scan code within different pipelines for our Navy & Army



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INFORMATION TECHNOLOGY EXPERTS



Core Competencies



Managed IT Services

- Endpoint Security
- Managed Infrastructure
- O365 Migration Assistance
- Custom Technical Solutions
- Patch Management
- Backup Management
- Disaster Recovery



Infrastructure Services

- Citrix Implementation
- VMware Implementation
- Storage Implementations
- Active Directory
- DNS over HTTPS



Cyber Security

- RMF & ATO Accreditation
- Virtual Security Ops Center
- Risk Analysis Assessments
- IA Policy & Planning
- Security Engineering & Architecture



Cloud Computing

- Cloud Migrations
- IL5/6 Migration Experience
- ECMA/CARMY Experience
- Cloud ATO Accreditation
- Hybrid Cloud Implementation



Network Implementation

- Physical & Virtual Networking Implementations
- Network Security & Maintenance
- Cloud Network Security
- Air gapped networks



Service Desk

- Service Desk Implementation
- SLA & OLA Policy Creation
- Project Tracking and Configuration
- Knowledge Management & Document Tracking
- Customer Dashboards



Continuous Development & Integration

- Sonarqube & Docker Integration
- Code Tracking & Review
- Gitlab Integration & Build
- AWS CodeDeploy
- Azure DevSecOps Pipelines

Core Values

- Hiring Veterans
- Community Outreach
- Technical Transparency
- Quality Solutions
- Uplifting Team Members
- Integrity & Honor Based
- Results Oriented
- Technical Experts

NAICS Codes

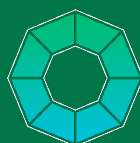
- 541330 - Engineering Services
- 541511 - Custom Computer Programming Services
- 541512 - Computer System Design Services
- 541513 - Computer Facilities Management Services
- 541690 - Scientific & Technical Consulting Services
- 519190 - All Other Information Services
- 561110 - Office Administrative Services
- 611420 - Computer Training
- 561612 - Security Guards & Patrol Services

Past Performances

- Zero Trust Hybrid Integration Cloud Lab
- Hybrid Citrix Cloud Environment (SEC Army)
- cARMY Cloud Migration
 - CAA
 - CCDC (JAS)
 - DEVCOM (MENAHPD)
- Military OneSource CyberSecurity and ATO Management Support (DoD FP&MC)
- Joint Battle Damage Assessment Repository



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KEY PERFORMANCES



Emerald Technical Solutions provided enterprise systems engineering and program management support under subcontract to CACI International. The team managed a secure Windows-based environment integrating COTS and GOTS applications, ensuring compliance with DoD cybersecurity and engineering standards. Emerald also led all aspects of program delivery for a \$4M annual effort with 22 FTEs, ensuring high-quality deliverables, financial oversight, and alignment with the PWS. The team served as the primary interface with the customer, ensuring mission success through effective coordination and reporting.



Emerald Technical Solutions provides cloud engineering and systems integration support to the EWAGS Division and DEVCOM DAC in support of the JTCG/ME Battle Damage Assessment (BDA) initiative. The team is responsible for implementing and managing COTS geospatial solutions, including ESRI-based toolsets, within IL5 and IL6 Army Azure environments. These solutions enable the creation of secure, cloud-native story maps to visualize and analyze historical strike data. Emerald's efforts directly support mission planning and data-driven decision-making across the Army's operational landscape



Emerald Technical Solutions supports the Joint Deployable Intelligence Support Systems (JDISS) program by delivering systems operations, installation, maintenance, service desk, logistics, customer engagement, and training support. Through the Joint Integration Lab (JIL), Emerald enables secure, remote access for DevSecOps teams to develop and test within a CUI-compliant environment. The team maintains and expands the lab's systems architecture to support evolving customer use cases and mission needs. Emerald also manages and secures the CI/CD toolchain that underpins JDISS's agile software delivery and compliance posture.



Emerald Technical Solutions supports the Military OneSource (MOS) program by delivering cybersecurity, RMF, and cloud compliance services for a large-scale IL4/5 migration effort. The team ensures secure cloud architecture, manages ATO documentation, and provides continuous monitoring in alignment with DISA and DoD policies. Emerald's work enables the MOS platform to securely support millions of service members and families with critical resources. This effort demonstrates Emerald's ability to deliver mission-ready cloud solutions in highly regulated environments.

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