



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

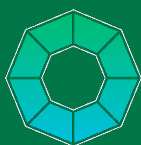
- 541330 - Engineering Services
- 541511 - Custom Computer Programming Services
- 541512 - Computer System Design Services
- 541513 - Computer Facilities Management Services
- 541690 - Scientific & Technical Consulting Services
- 519190 - All Other Information Services
- 561110 - Office Administrative 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)



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KEY PERFORMANCES



Team Emerald was responsible for the technical enterprise management and program management working under CACI Int. Dondre's lead systems engineer role afforded him the responsibilities of managing a Windows environment comprised of multiple COTS & GOTS pieces of software. The responsibilities of the SE was to ensure all Enterprise Domain integrations, implementations, and security was executed and followed by the software engineering centers SOP's. In Crystal's role of Program Manager, she was responsible for the performance of this significant technical program consisting of approx. 22 Full Time Equivalent employees and 4M annual budget. She produced consistent, high-quality deliverables in accordance with the Performance Work Statement, ensuring contractual and customer commitments were met and was the primary customer interface responsible for all program coordination, delivery, financial management and status reporting.



Team Emerald provides technical support to the EWAGS Division, US Army (USA) and the organizations it supports, including DEVCOM Data and Analysis Center (DAC) for the JTCG/ME Battle Damage Assessment (BDA) Cloud Architecture Development Support project. Responsible for COTS cloud implementation utilizing ESRI tools to build story maps for historical strike databases within cloud Impact Level (IL) 5 & 6 Army Azure cloud environments.



Joint Deployable Intelligence Support Systems (JDISS). Perform system operations, installations, maintenance, service desk support, logistics, customer relations, and training support for all projects. The Joint Integration Lab allows DevSecOps (DSO) Engineers and developers to remotely access their code bases and development tools within a CUI compliant environment. Team Emerald is currently responsible for the continuation of maintaining the systems architecture and expanding the environment for different customer use cases. Team Emerald also manages the CI/CD tools that keep the DSO operations compliant, secure and accessible.

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