CYPHER

CORPORATE CAPABILITIES

WWW.CYPHER-LLC.COM

(571) 206-1401

CYPHER IN FOCUS

SECURE, INNOVATIVE, ADAPTIVE, MISSION CRITICAL IT SOLUTIONS

100% CLEARED TECHNICAL STAFF SUPPORTING CUSTOMERS ONSITE

SUMMARY

FOUNDED IN 2009
CORPORATE HQ IN ASHBURN, VA

Cypher, LLC is a certified 8a and SDVOSB company that utilizes its extensive operational and technical experience to deliver innovative and high-value solutions to unique customer problems and mission critical operations. Cypher is a service partner for the Federal Government that provides technical depth and relevant experience with outstanding key personnel in the areas of Military Intelligence, Cyber Security/Operations, Software Engineering, DevOps, Network Engineering, Systems Engineering, Aviation Safety, Enterprise Information Technology Management, and Business Process Improvement Strategies and Agile Coaching and Engineering.

At Cypher, we understand the blend of strategic thinking and tactical execution, industry trends, and industry proven practices to ensure our customer's initiatives are successfully delivered.

Cypher delivers a combination of experience, integrity, performance, and expertise to every client engagement. Our staff has decades of experience providing support to federal government enterprise programs within the DoD, IC, and Civilian customer base.

CYPHER'S SERVICE OFFERINGS

- **SOFTWARE ENGINEERING**
- **CYBER OPERATIONS**
- **SYSTEMS ENGINEERING & INTEGRATION**
- **NATIONAL SECURITY AND INTELLIGENCE**
- **ENTERPRISE IT MANAGEMENT**
- **AVIATION SAFETY**

HIGHLY ADAPTIVE SERVICES

- **CYBER HUNT**
- **HIGH VALUE ASSET (HVA) ASSESSMENTS**
- **INCIDENT RESPONSE**
- **PENETRATION TESTING**
- **RISK AND VULNERABILITY ASSESSMENT (RVA)**

OUR GOAL

"To form long-term partnerships with our customers based on trust and added value. We are committed to excellence, high ethical standards, completing deliverables, and aiding our customers in accomplishing their missions."

CYPHER'S OFFERINGS

MILITARY INTELLIGENCE & CYBER OPERATIONS

- Cyber Planners
- Cyber Targeteers
- Cyber Ops Engineers
- Cyber Intrusion Analysts
- Cyber Intel Analysts
- Cyber Threat Hunting
- Cyber Watch Ops / CND
- Analysis and Production
- Knowledge Management
- HUMINT / SIGINT
- Incident Response
- Cyber Intelligence
- Malware

SYSTEMS ENGINEERING & INTEGRATION

- AWS Cloud Architecture
- Cloud Migration Support
- SELinux System Admin Support
- Database Architecture Designs

SOFTWARE ENGINEERING

- Agile Life Cycle Design and Development
- Testing (validate software through independent testing)
- Integration of COTS
- Maintenance (lifecycle maintenance, support of new and legacy systems)
- Open Source and custom-developmental solutions into DoD architectures
- Enterprise Architecture and Data Modeling (development of frameworks and models to surface authoritative data sources in systems design, and integration)

ENTERPRISE IT MANAGEMENT

- New concept development
- Program plans and schedules
- Project and Program Management
- Technical analysis
- Earned Value Management analysis
- Technical and programmatic risk mitigation
- Acceptance and qualification testing
- Performance Management
- System demonstration
- Migrations
- On Demand Services – pay-as-you-go professional IT services
- Systems Monitoring
- Proactive and Preventative Management
- Operating System patches and updates
- Systems and Network Engineering (added)
- Remote Access Support
- Application Administration
- Comprehensive IT Services
- Application Security
- Remote Application Management Services
- Disaster Recovery/Back-up
- Communication and Collaboration (example: Cisco Unified Communications, Microsoft Exchange & Sharepoint)

GEOSPATIAL & SPACE

- Mission Systems & Ground Control Support
- DevOps Development
- Satellite Support

AVIATION SAFETY

- Program Management
- Engineering
- Analytics
- Software Development
- O&M
- Training

PRODUCTS

C.O.S.M.O
BRINGING ORDER TO CYBER OPERATIONS

C.O.S.M.O is an advanced AI-powered cybersecurity system designed to enhance detection capabilities, provide predictive insights, and deliver real-time alerts. Utilizing artificial intelligence, C.O.S.M.O processes extensive data, including network logs and traffic, to spot patterns and anomalies that may signal emerging threats. C.OS.M.O's predictive analysis feature anticipates potential security issues, allowing for preemptive action to mitigate risks. Additionally, C.O.S.M.O continuously evolves by learning from new data, ensuring it stays aligned with the dynamic nature of cyber threats. C.O.S.M.O simplifies the aggregation of threat intelligence, offering customized, actionable insights to help security teams make well-informed decisions and bolster their cyber defenses.

G.H.O.S.T.

The cutting-edge, on-premises AI platform designed to enhance efficiency, help secure operations, and empower your teams. G.H.O.S.T. offers a tailored solution that evolves with your needs, ensuring that your IT infrastructure is not only robust but also future proof. Ask G.H.O.S.T. for assistance and its powerful Large Language Models (LLMs) will provide you with the information you need to push the mission forward."

ON-PREMISE ARTIFICIAL INTELLIGENCE PLATFORM

CORPORATE CAPABILITIES

PRIME CONTRACT VEHICLES

- FAA EFAST
- SEAPORT NEXT GENERATION NXG
- GSA 8(A) STARS III GWAC PRIME

SUB CONTRACT VEHICLES

- USAF NETCENTS 2
- SIT III (SMALL BUSINESS)
- DHS EAGLE II (SMALL BUSINESS)
- SIA III (LARGE BUSINESS)
- USCYBERCOM OMNIBUS (LARGE BUSINESS)
- VS2 (LARGE BUSINESS)
- VECTOR (SMALL BUSINESS)
- RS3
- OASIS POOL 1 AND 3 (SMALL BUSINESS)

CUSTOMERS

- USCYBERCOM J2 & J3
- USCENTCOM JIOC TAAS
- NIST FEDERAL LABS CONSORTIUM
- AIR FORCE IRIS MFOQA
- AWS GOV CLOUD
- NORTHERN VA AGENCY
- FBI CYBER CENTER
- FAA
- NAVY NAVAIR
- GEOINT & AEROSPACE

CERTIFICATIONS

PARTNERS

carahsoft.

Carahsoft Technology Corp. is The Trusted Government IT Solutions Provider®, supporting Public Sector organizations across Federal, State and Local Government and Education and Healthcare. As the Master Government Aggregator® for our vendor partners, we deliver solutions for Cybersecurity, MultiCloud, DevSecOps, Big Data, Artificial Intelligence, Open Source, Customer Experience and Engagement, and more. Working with our reseller partners, our sales and marketing teams provide industry leading IT products, services and training through hundreds of contract vehicles. Visit us at www.carahsoft.com.

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