


Flexibility to support the mission

About Us

Black Marlin Ventures is an SBA-approved 8(a), SDVOSB, SDB, and HUBZone, a Joint Venture between Commdex, LLC and Lucayan Technology Solutions. Black Marlin Ventures brings together the expertise, resources, and capabilities of both Commdex and Lucayan to deliver innovative support on classified initiatives.

 **Lucayan Technology Solutions:** With expertise in software development, and system integration, Lucayan Technology Solutions brings a wealth of knowledge in ensuring robust protection and cutting-edge technology. www.lucayantechnology.com

 **Commdex:** A recognized leader in wireless communications, network infrastructure, and managed services, Commdex has a proven track record of delivering reliable and secure solutions to government entities nationwide. www.commdex.com

Black Marlin Ventures primary objective is to safeguard the digital assets and infrastructure of our federal clients. Together, we engage across the network portfolio to enable the design, integration, acquisition, and delivery of secure, reliable mission critical communication solutions within our 3CORE Focus area.

Company Info

Cage: 9M5B4
DUNS: 12-944-9892
SAM UEI: XZA8EKDMTFA4
Clearance: TS-FCL

3 Core Focus

1.

Enterprise Cybersecurity

- Vulnerability Assessments
- Policy, Plans and Procedures Risk Management Framework
- Assessment and Authorization
- Cross Domain Solutions (CDS)
- Intrusion Detection Cyber Automation
- Cybersecurity Reporting
- Software design, development, testing, and maintenance Database design, development, testing, and maintenance

2.

Network Services & Systems Engineering

- Network Architecture + Software Defined Networking (SDN) Cloud Management (AWS, Azure)
- Virtualization + Storage
- Help Desk & End User Support
- Asset Procurement
- Application Development & Maintenance
- DevOps & Continuous Integration
- IT Asset Management (ITAM)
- System Administration

3.

Mission Critical Communication Systems

- 5G Private Networks
- In Building Wireless DAS/ERCES Systems
- Microwave switching TDM, Voice and Video
- Optical Fiber Networks
- Land Mobile Radio Systems
- Command Center / NOC Design and Implementation Satellite Communications

Socio-Economic Status
CVE Certified. Service-Disabled Veteran-Owned (SDVOSB), HUBZone, SBA Certified 8(a), Small Disadvantaged Business Certified

NAICS CODES
541511 541512 541513 541519 541330
518210 541611 541990 541618 517110
517210 541612 334220 334290 237130





USSOCOM Enterprise Cybersecurity

Lucayan advises USSOCOM, its Component Commands, TSOCs, and deployed forces on threats and their potential impact on networks, systems, services and devices. We spearheaded initiatives to develop and provide documentation for the Assessment and Authorization (A&A) of the Special Operations Forces (SOF) Information Enterprise (SIE); configured and operated Cybersecurity tools (e.g. Continuous Monitoring and Risk Scoring (CMRS), Xacta Information Assurance (IA) Manager, Assured Compliance Assessment Solution (ACAS), endpoint security tools, etc.); briefed the command and provided timely identification and reporting of vulnerabilities; assisted with the proper design and engineering of IT systems and networks in order to mitigate or eliminate vulnerabilities, threats and risks to the SIE.



USSOCOM Distributed Common Ground System- Special Operations Forces (DCGS-SOF)

Lucayan provided an Independent, Verification and Validation of the DCGS-SOF backend systems architecture. The architecture included physical and virtual servers, storage and networks across distributed data centers; software, processes and procedures for databases, entity extraction, data ingestion, application server APIs, web servers, audit logging, load balancing and Operations/maintenance; as well as custom software modules, scripts and API design. Our study focused on evaluating the overall back-end systems architecture, with specific attention given to the identification of key issues related to performance, scalability, supportability, maintainability and high availability.



USSOCOM SPLUNK SME Support

Our team has a strong track record supporting the US Special Operations Command (SOCOM) with a highly skilled Splunk Subject Matter Expert (SME) for Forcepoint product engineering. The SME ensures optimal performance and security of Forcepoint products in the Special Operations Forces Information Environment (SIE).

Tasks included upgrading Splunk instantiations, operating and maintaining Splunk, and building dashboards for logs data from various Forcepoint Cross Domain Solutions (CDS) components. Our Splunk SME also monitors CDS systems, coordinates security incident responses, and develops tailored Splunk dashboards to empower officers and senior leaders to make informed decisions and respond proactively to potential cyber threats.



National Park Service Blue Ridge Parkway P25 Network

- Commdex performed upgrades of the radio network supporting all 469 miles of the parkway
- Installed new K-Core master site equipment to connect the repeater sites and central dispatch
- Installed new IP radio dispatch consoles including additional furniture and backup power systems
- Reconfigured backhaul network connectivity to support IP connectivity to all sites and dispatch.



USDA National Bio and Agro-Defense Facility

- Commdex developed a fiber-based Distributed Antenna System DAS system to provide coverage for the first US High Containment facility USDA NBAF that included over 7 buildings across the campus.
- An outdoor antenna network provided coverage to the other buildings on the campus away from the main lab building.
- The fiber DAS system provides UHF coverage connected to a on-site repeater system providing radio communications throughout the facility.