

CUSTOMER FOCUSED. MISSION DRIVEN.



NOAA's 2022 Small Business of the Year












Axiom Consultants, Inc. When weather forecasts and data intersect with robust IT infrastructure and cybersecurity, communities are empowered to make informed decisions and mitigate risks. Axiom Consultants stands as a trusted partner to the National Weather Service (NWS), National Hurricane Center (NHC), and Weather Prediction Center (WPC), ensuring the seamless delivery of critical weather information through a comprehensive suite of IT and security services.

We are 8(a)-certified, Woman-Owned Small Business (WOSB) with a proven track record of providing cost-effective, best-in-class information technology consulting services.

Our Success Stories:

- Led the effort to run Hurricane Ensemble on Cloud HPC
- Proved the use of Cloud HPC for long run NWP while advancing science
- Enabled high demand (44 million users and 1.1B image downloads) web services for Tropical Cyclone Support
- Urgent sensor evaluation to support Pacific NDBC deployment
- Replacement and upgrade of 70 CONUS/OCONUS Upper Air sites with a accelerated timeline
- Architect IT environment supporting NESDIS/STAR bringing the power of remote sensing to the NOAA mission

Core Services

-  Science and Engineering Support
-  Data Science & Analytics
-  Cloud Computing
-  Enterprise IT Modernization
-  IT Operations Support
-  Cyber Security Solutions
-  Program Management
-  Records & Information Management
-  Strategy and Operations

Work with us

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Where to find us

- NOAA ProTech Weather IDIQ
- GSA STARS III
- Seaport NxG
- Eligible for 8(a) direct awards up to \$4.5M
- GSA MAS Schedule

Partners



Customers



Our Capabilities: A Closer Look



SCIENCE & ENGINEERING:

- Numerical Weather Modeling (NWP)
- Meteorology and Oceanography
- Air Quality and Environmental monitoring
- Ecosystem and Hydrological Forecast Systems
- High Performance Computing
- Engineering Services
- Development and Testing
- Transition-to-Operations



IT OPERATIONS SUPPORT SERVICES:

- Field personnel
- Laboratories
- Observational Systems and Equipment
- Sensor Testing
- Analysis
- Infrastructure Support
- Design, develop, maintain and document software
- Vulnerability Scans
- Verification and Validation



PROGRAM MANAGEMENT:

- Client Support
- Strategic Planning
- Requirements Development
- Performance Improvement
- Test Plans and Procedures
- Gap Analysis
- CPIC Support
- Communication and Outreach Support



EMERGING TECHNOLOGIES:

- Robotic Process Automation (RPA) implementation
- Artificial Intelligence (AI)
- Machine Learning (ML)



DATA MANAGEMENT, SCIENCE AND ANALYTICS:

- Data Governance
- Policy Support
- Data Stewardship and Archiving
- AI/ML based Data Assimilation
- Data Warehousing Design
- Data Migration and ETL Services

LOGISTICS AND OPERATIONS:

- Logistics management
- Property Accountability functions
- Deployment of new observing systems across 172 Weather Forecasting Offices across the US (CONUS/OCONUS)
- ERP Systems
- Supply Chain Management
- Maintenance and Repair Planning



SOFTWARE, CLOUD AND SYSTEMS ENGINEERING:

- Enterprise Architecture
- Process Re-Engineering
- Systems Analysis, Design and Integration
- Cloud Strategy, Migration, Integration & Administration, HPC Cloud Computing, IaaS, PaaS and SaaS, and Cloud ROI Analysis
- Code Modernization and Expand Workflow
- Configuration Management



GIS SUPPORT:

- GIS Software Implementation
- GIS Data Development
- Visual Analysis
- GIS based Charts and Data Rendering



FACILITIES MAINTENANCE:

- Maintaining state-of-the-art Laboratories
- Observing Systems and Test Beds
- Chambers and Wind Tunnels
- Shop Equipment

Certifications

