CAPABILITY STATEMENT

ARUSHA SPACE, LLC develops artificial intelligence solutions for space exploration. As a trailblazing company, we specialize in developing intelligent systems that enable autonomous decision-making, predictive data analytics and robotic operations beyond Earth. We have a team with over 75 years' experience in managing major space programs in the United States and internationally. We are globally recognized space experts with a proven track record of leading change and delivering results in the space sector.

https://www.arushaspace.com

ARUSHA SPACE

COMPANY DATA

UNIQUE ENTITY ID:
- MX12DRD554B4

CAGE:
- 9SCL8

NAICS Codes:
- 541330
- 541360
- 541370GEO
- 541715
- 541519
- 541990
- 517410

PSC Codes:
- AR11
- AR12
- R404
- R425

SBA WOSB CERTIFIED

CONTACT

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Founder, CEO and President

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+1 (301) 254-1940

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CORE COMPETANCIES

Advanced Data Analytics Solutions: Specializing in gathering, processing, interpreting satellite and flight operations data for actionable insights.

Artificial Intelligence (AI) Adaptive Tools: Utilizing cutting-edge AI and ML algorithms and deep learning techniques for enhanced data analytics for earth science and space exploration.

Earth Observation, Remote Sensing and Data Visualization: Providing tailored and innovative solutions and capabilities to visualize satellite images and geospatial data into dynamic and user-friendly formats.

Aerospace Engineering, Research and Development Services: Providing cutting edge space systems research, development and engineering for solving complex problems.

DIFFERENTIATORS

Our groundbreaking space data assessment model uniquely analyzes spectral, temporal and spatial pixel features from multispectral satellite imagery. Our innovative approaches allow us to deliver customized and tailored analytics solutions for our customers.

Adaptive software tools that incorporate AI/ML capabilities enabling space data processing and predictive maintenance for satellites and spacecraft. Our capability allows for real-time anomaly detection and decision-making support.

Executive team members who collectively have over 75 years of experience in the space sector, who developed groundbreaking geospatial analytics capabilities that have produced novel results for decision makers, globally.

PAST EXPERIENCE

Managed $10M in geospatial contract and developed 4 geospatial services in record time for areas such as oil and gas, agriculture, infrastructure and mineral resources.

Managed a $10B NASA science mission and transformed this program that was billions of dollars over budget and years behind schedule into one of NASA's and humanity's greatest achievements of the 21st century.

Oversaw 24/7/365 satellite flight operations, gaining expertise in telemetry data analysis, anomaly root-cause investigations and handling in-orbit failures.

Provided executive and technical leadership of the design, development and testing more than 100 NASA science missions that included earth monitoring satellites.

Managed $2.6B in indefinite delivery indefinite quantity (IDIQ) contracts fostering public-private partnerships between NASA and commercial companies that are enabling lunar transportation missions to the moon.