



Allegheny Science & Technology

Proven Performance. Trusted Solutions.

AST is a woman-owned technology and energy firm with expertise in applied science and technology, mission assurance and support, and data and decision analytics. AST integrates science and technology to deliver personalized service and trusted solutions for government and commercial clients.



ENERGY



ENVIRONMENT



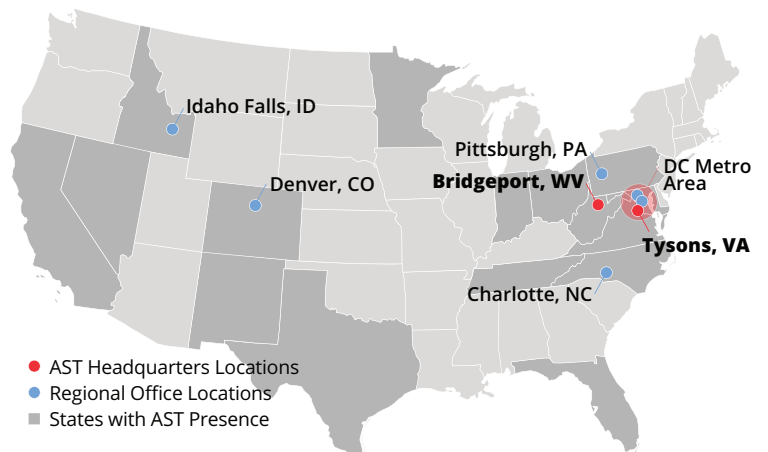
INTELLIGENCE



DEFENSE

MARKETS

AST applies our core capabilities to overcome critical challenges in the energy, environment, intelligence, and defense sectors. Our partners can trust us to consistently prove our value through efficient delivery of effective solutions and full-commitment to their missions. Our ability to deliver derives from our family-oriented culture, continual development and inspiration of our team members, and giving back to our communities. AST has a strong geographic base and has many offices from which to serve clients, as shown below:



DC METRO | WV | PITTSBURGH
CHARLOTTE | IDAHO FALLS | DENVER

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Tysons, VA 22102
connect@alleghenyst.com

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OUR PROVEN PERFORMANCE

AST has garnered prestigious industry and government awards for its innovation, performance, technology expertise and rapid growth along with customer kudos and excellent CPARS Performance on all of their prime contracts.



INC 500/5000
(Five Consecutive Years)



Washington Technology FAST 50
(Five Consecutive Years)



2018 EY
Entrepreneur of the Year Award



2018 SBA Region III
Small Business Prime Contractor of the Year



CMMI DEV / 3SM
Exp: 2019-08-05 / Appraisal #24741

CMMI DEV/3 Certified

DELIVERING VALUE

A key example of AST delivering value is the improved sustainability and resiliency of energy systems through the integrated delivery of our three capabilities: Applied Science & Technology, Mission Assurance & Support and Data & Decision Analytics. AST contributed to the modernization of our electrical grid infrastructure by supporting DOE-EERE and OE with our applied science and technology expertise in emerging technologies such as: wind, solar, electric vehicles and blockchain, by framing novel applications of artificial intelligence, and by stewarding initiatives with our certified program management expertise.

We also employ our energy competency for the benefit of DOD and commercial clients. AST has applied data science to enable DOD clients to leverage the full value of energy data and advanced energy technology. Additionally, we assist in the development and execution of DOD microgrid and energy infrastructure projects by applying our finance and program management skills.



We differentiate our delivery through;

- **proven performance**
- **trusted solutions and**
- **personalized service**

CAPABILITIES

APPLIED SCIENCE & TECHNOLOGY

Subject Matter Expertise/Applied Experience in:

- Energy
- Environment
- Emerging Advanced Technology

Science, Engineering and Technical Assistance

Systems Engineering and Technical Assistance

Research and Development

Prototyping and Piloting

Marketing Analysis and Technology Transfer

Techno-economic analysis, scoping studies and requirements development

MISSION ASSURANCE & SUPPORT

Project/Program Conceptualization, Creation and Acceleration

Project/Program Strategy, Implementation, and Management

Program Performance and Evaluation

Project/Program Functional Support

Resiliency and Vulnerability Analysis including current state audits and assessments

Risk and Issue Mitigation Planning

Baseline Management and Change Control

Life Cycle Cost Estimate (LCCE) Development

Financial Management

Secure Network Engineering and Operations

IT Policy and Governance

Software Quality Assurance Testing

Software Simulation

DATA & DECISION ANALYTICS

Strategy and Planning

Data Systems

- Development and Integration
- Implementation and Management

Data Science and Data Mining

Machine Learning

Artificial Intelligence

Concept Studies and Analytics

Root Cause Analysis

Quantitative Metric Assessments

Quality Assurance and Control

Information Visualization

Cost Benefit Analysis