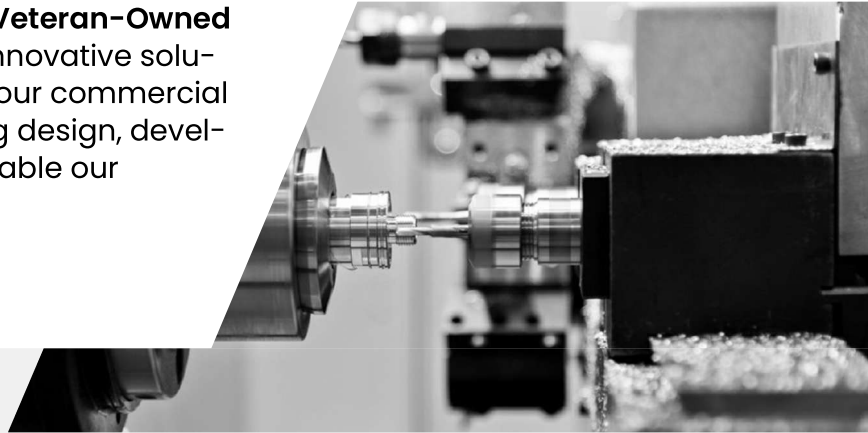




- Engineering & Advanced Manufacturing (AM)
- Reverse Engineering
- Additive & Subtractive Manufacturing
- Metal & Polymer 3D Printing
- CNC Machining & Fabrication

AFORGE LLC, a certified **Service-Disabled Veteran-Owned Small Business (SDVOSB)**, has provided innovative solutions that accelerate mission success for our commercial and government clients. From engineering design, developing prototype and finished parts, we enable our clients to work smarter, faster, and leaner



What We Do

AFORGE's Engineering and Advanced Manufacturing capability integrates cutting-edge design, prototype and production capabilities, leveraging Additive Manufacturing for unparalleled design freedom. We accomplish this through topology optimization and generative design, yielding enhanced efficiency and innovation. Integrated CNC machining ensures we meet stringent precision standards. We offer end-to-end mission management, covering pre-manufacturing design, simulation, and reverse engineering, complemented with post-manufacturing metrology and inspection.

Engineering and Advanced Manufacturing Capabilities

Design / Engineering Services

- CAD design, DFAM, generative design, topology optimization
- Simulation: static FEA and CFD
- 3D scanning: data collection at a resolution of 0.02um (micron)
- Reverse engineering: 3D CAD generation from scanned data
- Metrology grade inspection and dimensional analysis from scanned data or CMM contact-based measurement

Additive Manufacturing

- Additive metals: tool steels, stainless steels, IN625, IN718, Ti-6Al-4V, CuCrZr, Al, CoCr, and more
- Additive polymers: nylon 6,11, & 12. Carbon fiber and glass bead composites available
- Subtractive: CNC machining, tooling, milling
- Fabrication: laser cutting, plasma cutting, etc.

Certifications

Active Facility Clearance (TS)
ISO 9001:2015 QMS
CMMC-L2 Certified

ITAR Certified
GIDEP
SBA Certified SDVOSB

AS9100 QMS (Pending)
CMMI L3 (Pending)

Who We Serve

We proudly support agencies responsible for the safety, security, and defense of our nation throughout the United-States.

- **Department of Defense (DoD)**
- **Other Government Agencies**
- **Commercial Clients**



Why Choose AFORGE?

End-to-End Capabilities. AFORGE provides comprehensive support for the entire R&D cycle, integrating cutting-edge design, engineering, and advanced manufacturing capabilities in metal and polymer additive processes that are scalable from prototype to production.

Decades of Mission-Critical Expertise. Backed by an average of 25+ years of leadership experience in DoD and Intelligence systems, our team possesses unparalleled insider knowledge. We use this deep operational understanding to help accelerate approvals and cut through the red tape.

CONTACT US

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LOCATIONS

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Suite 3A
Palm Bay, FL 32905

AFORGE Pax River:

22335 Exploration Drive
Suite 1030
Lexington Park, MD 20653

CONTRACT VEHICLES

GSA-MAS: 47QRAA24D00E0

Seaport NxG: N0017821D8900

OASIS+ (Pending)

SEWP VI (Pending)

DLA JETS (Sub)

DTRA CWMD (Sub)

CREDENTIAL CARD

CAGE: 8CF70

DUNS: 105568725

UEI: QZFPGLITBW2

