

Pantheon Design™

Fact Sheet

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PantheonDesignus.com

About the Pantheon Design

Pantheon Design™ leverages Generative AI and ML to deliver revolutionary next-generation Forge capabilities, empowering parts delivery and supply chain sustainability through hyper-automated innovation.



Our Capabilities

- **The Remote Forge:** Deployable, ruggedized 3-D printing units that fabricate industrial-grade metal and composite parts directly at the point of need.
- **Hyper-Autonomous Robotics & RPA:** A fully "lights-out" manufacturing ecosystem that utilizes robotics to manage the entire part lifecycle—from extraction to post-processing—without human intervention.
- **Generative AI & Machine Learning:** A self-optimizing "brain" that leverages generative design and predictive telemetry to evolve part performance and forestall hardware failures.
- **Drone Enablement & Support:** Integrated autonomous UAS platforms that bridge the "last-mile" gap, delivering mission-critical components across contested or austere terrain with tactical speed.
- **Agile Supply Chain Management:** A secure digital library that replaces traditional, vulnerable warehouses with a "just-in-time" production model for instant hardware replacement.

NAICS Codes:

- **541715:** Research and Development in the Physical, Engineering, and Life Sciences (except Nanotechnology and Biotechnology)
- **541330:** Engineering Services
- **333249:** Other Industrial Machinery Manufacturing
- **541614** – Process, Physical Distribution, and Logistics Consulting Services
- **541420** – Industrial Design Services

Why Pantheon Design™?

We delete the supply chain bottleneck. By fusing autonomous AI with high-speed additive manufacturing, we provide:

- **Unmatched Speed:** Our Forge systems produce parts 5x faster than industry standards.
- **Operational Sovereignty:** Eliminate reliance on fragile global logistics by printing mission-critical parts at the point of need.
- **Advanced Materials:** We engineer carbon fiber and composite replacements that match the strength of billet aluminum.
- **Autonomous Intelligence:** Self-optimizing RPA and AI-driven quality assurance ensure precision without manual intervention.

Our Partners

