

ARCFIELD™

INDUSTRY:
Government Contracting
Defense & Intelligence

CORETEK SOLUTIONS:
Azure Deployment, Secure
Architecture, AI & Modern
Services, Enablement &
Training

CASE STUDY

Accelerating AI Adoption Across Government Programs

OVERVIEW

Arcfield, headquartered in Chantilly, VA with 16 offices across the U.S. and Canada, is a CETA organization with over 1,500 professionals delivering mission-critical expertise in systems engineering, space launch assurance, cybersecurity, and missile support. With more than 65 years of experience and recent acquisitions expanding its capabilities, Arcfield is a trusted partner in highly regulated environments, supporting missions in cyber and space defense, hypersonic and nuclear deterrence, and warfighter readiness. The company's vision is to remain a leader in national defense by embracing advanced technologies — particularly artificial intelligence — to improve efficiency, strengthen outcomes, and maintain a competitive edge.

THE CHALLENGE

Arcfield faced a critical moment: how to operationalize AI across the organization in a way that would both improve day-to-day efficiency and help secure future business. The CTO office, led by Ryan Nguyen, was tasked with enabling the organization to unlock AI's potential while maintaining compliance and alignment with mission priorities. Key challenges included:

Enterprise Enablement

AI knowledge was uneven across teams. Arcfield needed a consistent, enterprise-level approach that would reduce silos and accelerate adoption.

Operational Efficiency

The company wanted to apply AI to streamline workflows — from proposal generation to engineering tasks — while ensuring security and reliability.

Strategic Justification

Leadership required a clear business case to guide future investment in AI, tying technology decisions directly to long-term goals and contract success.

Planning for Growth

With fiscal year planning underway for 2026, Arcfield needed to ensure any new technology initiatives were not only tested but justified for future scaling.

THE SOLUTION

Arcfield engaged Coretek to design and implement a structured AI foundation that could be securely deployed within its environment. Coretek's role extended beyond technology deployment — it was about enablement, education, and aligning AI adoption with the organization's mission. Coretek delivered:

Secure AI Infrastructure

Standing up an AI environment that meets government contracting requirements while being flexible enough to grow.

Enablement & Training

Equipping Arcfield's teams with the knowledge and tools to start using AI for practical, high-value use cases.

Operational Use Cases

Identifying areas where AI could drive immediate efficiency, such as accelerating proposal development and augmenting system engineering workflows.

Strategic Guidance

Partnering with Arcfield leadership to ensure the AI deployment aligned with 2026 planning, providing the foundation for long-term scalability.



“We’ve got the technology in our hands now, and the package Coretek helped us stand up gives us a strong foundation for the future.”

— Ryan Nguyen
AI Capabilities Lead

THE OUTCOME

The Coretek–Arcfield partnership is already delivering measurable impact, turning AI from concept into practice. Together, the teams have achieved early wins that improve operations today while laying the foundation for long-term transformation:



AI in Action

Arcfield now has a packaged AI capability deployed, giving teams hands-on access to tools that can streamline work and improve efficiency.



Faster Operations

Early use cases have shown that AI can reduce time spent on manual tasks and provide a competitive advantage in proposal development.



Unified Approach

The engagement has sparked alignment across departments, with Arcfield building momentum for organization-wide AI adoption.



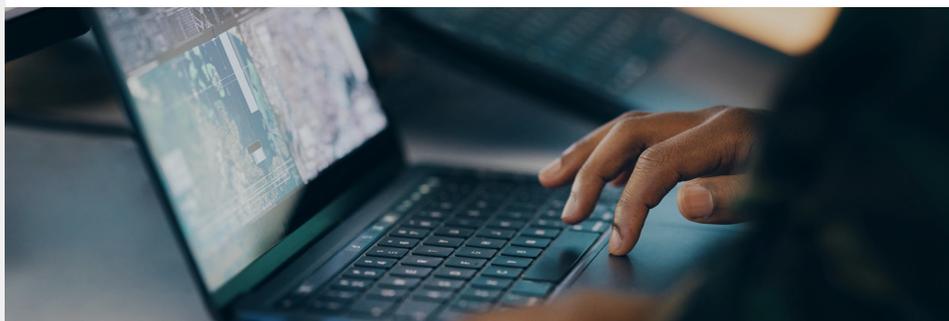
Strategic Readiness

As Arcfield moves into 2026 planning, the AI foundation created with Coretek is providing both the technology and the business case needed to justify further investment.



Culture Shift

Beyond tools, Arcfield is beginning to foster a mindset of innovation and experimentation with AI — creating champions within the organization who can carry the initiative forward.



Microsoft Partner
Azure Expert MSP




coretek.com | 844-4-CORETEK | inquiry@coretek.com

Operate for Today, Innovate for Tomorrow