

WE ENABLE MISSION READINESS

Avathon harnesses proven AI technology to bolster military readiness, improve decision advantage, and optimize defense operations.

Backed by a decade of successful commercial deployments, we provide practical, readiness-focused solutions to upskill maintainers and leverage predictive analytics, partner with the armed forces to enhance domain awareness and decision making, and enable modernization of the defense industrial base by optimizing capital equipment uptime, predicting engine failures, and strengthening supplier quality control through advanced technologies like deep learning, NLP, generative AI, and computer vision.



ENSURING WARFIGHTER
READINESS ACROSS
A DIVERSE SET OF
MISSIONS.



HEADQUARTERED IN AUSTIN, TX
AND PLEASANTON, CA.

Avathon is the first full-spectrum AI company devoted to government and national defense.



200+ PATENTS AND IP PORTFOLIO ASSETS

to transform machine learning, NLP, computer vision, and generative AI capabilities into repeatable and explainable products.



END-TO-END SOLUTIONS

to impact mission readiness, domain awareness, contested logistics, base security, and manufacturing optimization.

WHY WE STAND APART

FOUNDATION OF EXCELLENCE	Made in the USA and led by highly respected figures at the intersection of AI and national defense.
EMPOWERING READINESS	Providing AI solutions at the edge to accelerate decision-making and unlock data insights.
SEAMLESS INTEGRATION	Streamlining workflows and reducing time to value with seamless AI to optimize legacy systems.
TAILORED EXCELLENCE	Enabling efficiency gains with explainable AI and intuitive software built by and for today's warfighters.
UNIFYING VISION	Trusted and proven with long-term contracts and awardable status for government projects.

PROVEN AI SOLUTIONS

Our ability to win the next war depends on our capacity to sustain, maintain, and supply our warfighters. Avathon is dedicated to balancing the readiness equation with proven AI solutions at the nexus of data and decision-making.

Industrial AI Platform
(IAIP)

Proven and powerful predictive analytics platform to unlock actionable insights from industrial data, improve performance, and avoid asset downtime.

Digital Maintenance Advisor
(DMA)

IAIP application to help efficiently maintain complex weapons systems and extend visibility into fleet health, supply, and logistics capacity.

Multidomain Awareness
Advisor (MDAA)

IAIP application that stacks and scales the abilities of AI to leverage disparate data forms in contested environments, enhancing domain awareness and shortening OODA loops.

Visual AI
(VAI)

Camera image/video analysis application to proactively detect emerging safety and security threats and alert personnel when seconds count.

"AFRL is excited about expanding our work with Avathon to bring innovative AI technology to our warfighters and impact the readiness of our aviation assets. We eagerly anticipate the powerful impact this collaboration will have on the F-16 fleet and beyond."



—ELIZABETH LOIACONO
Industrial Engineer, Air Force Research Laboratory

Avathon seeks to collaborate with national security leaders and government agencies aligned with our mission of empowering defense readiness with commercially proven explainable AI solutions. To learn how we can support your objectives, contact us at info@avathongov.com.