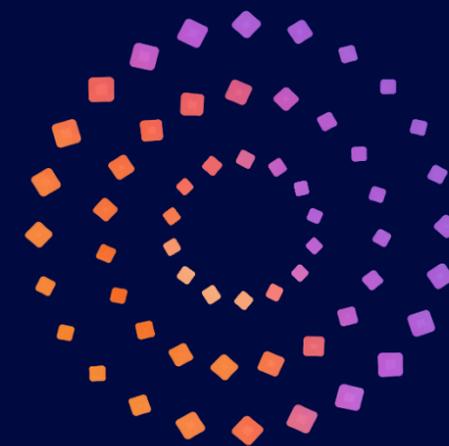


Sun Radia: AI Industry Insights
Federal Technology Partnership

Sun Radia | Washington DC | Reston VA



Value AI Use Cases Transforming Enterprise Operations Today



GenAI for Knowledge Management

Automated document summarization, policy generation, and regulatory compliance support



Cybersecurity AI

Threat prediction, anomaly detection, and automated incident triage for faster response times



Intelligent Automation

Agentic AI managing complex workflows and reducing manual operational costs



Mission Analytics

Large-scale data correlation across structured and unstructured sources for faster insights



Customer & Citizen Experience

Personalized digital experiences, natural language assistance, and multi-channel support powered by LLMs

Robust AI Governance Has Become a Non-Negotiable Organizational Imperative

Policy & Regulatory Alignment

Compliance frameworks aligned with NIST AI RMF, EO 14176, and agency-specific AI standards

Responsible AI Principles

Transparency, fairness, auditability, and data lineage to ensure trustworthy AI outputs

Risk Assessment & Model Oversight

Continuous monitoring, bias detection, version control, and Human in the loop workflows

Secure Data Foundation

Guardrails for training data, PII/PHI handling, and FedRAMP/NIST-compliant environments

Cross-Functional Governance Boards

Collaborative oversight involving legal, security, engineering, and mission teams

Key Challenges Enterprises Face in Scaling AI Responsibly

Data Quality & Silos

Fragmented datasets hinder model accuracy and mission readiness, requiring unified data pipelines, robust ETL processes, and cross-domain data governance to ensure reliable training and evaluation.

Model Drift & Lifecycle

Management
AI models degrade without continuous monitoring and re-training; organizations need automated monitoring, versioning, and retraining workflows to maintain performance and compliance over time.

Security & Privacy Risks

LLM hallucinations, prompt injection risks, and adversarial attacks require hardened defenses, including input sanitization, robust access controls, and privacy-preserving techniques to protect sensitive data and outputs.

Talent Gaps

Shortage of cleared AI experts with experience in secure federal environments limits secure deployment; Need to invest in targeted recruitment, upskilling, and retention programs to build mission-ready teams.

Cost & Infrastructure Constraints

High compute costs for training and hosting large models and limited GPU availability demand optimized resource planning, hybrid cloud strategies, and cost-aware model selection to remain sustainable.

Ethical Concerns

Ensuring decisions are explainable, fair, and aligned with federal AI ethics guidelines requires transparent models, rigorous bias testing, and governance frameworks to enforce accountable AI use.

Foundations Enabling Enterprise-Scale AI



Data Readiness & Architecture

- Establish unified data lakes/lakehouses with governed access
- Deploy high-quality, labeled datasets to improve model reliability
- Implement real-time data pipelines for continuous AI model improvement



Security & Trust Framework

- Zero-trust architecture for model, data, and API-level protection
- Guardrails for prompt governance, content filtering, and model auditing
- Continuous monitoring to detect drift, anomalies, and emerging threats



Tools & Platform Ecosystem

- Enterprise AI platforms offering standardized model, data, and pipeline management
- Pre-built accelerators and reference architectures
- Plugin and integration frameworks connecting AI to core business systems



Change Management & AI adoption

- Clear roadmap aligning AI initiatives with business and mission outcomes
- Scalable operating model with RACI definitions for AI lifecycle ownership
- Communication strategy to build trust and support across leadership and staff

Sun Radia's Track Record and Capabilities

20+

**Years – Partnering
with Industry**

500+

Projects – Delivered

1500+

Key Outcomes

100%

**Success Rate – On
Critical Initiatives**

15+

**Years Average
Experience of
Staff**

24/7

Support – Available

95%

**Client Satisfaction –
Rating**

30+

**Technology
Platforms –
Integrated**

Staying Relevant Through Continuous Innovation and Adaptability

10%

Revenue Invested in R&D

10% of annual revenue is allocated to research and development to drive continuous innovation.

Continuous Training & Technology Scouting

Ongoing employee training and proactive technology scouting enable rapid adaptation to evolving regulations and emerging technical trends.

99.9%

Client Uptime Maintained

Operational excellence ensures 99.9% client uptime through resilient infrastructure and monitoring.

Inclusive Diverse Perspectives

Minority-owned and diverse perspectives foster creative problem-solving and support rapid strategic pivots when circumstances change.

60%

Staff from Diverse Backgrounds

60% of staff come from diverse backgrounds, enriching perspectives and problem-solving capabilities.

Alignment with Federal Priorities

Close alignment with federal priorities, including cybersecurity standards, AI ethics, DEI initiatives, and green sustainability requirements, ensures compliance and strategic relevance.

Our Team: 20 Credentialed Experts with Deep Federal Experience

Sun Radia is a tight-knit team of 20 specialized experts delivering mission-focused solutions. As a minority-owned company, we bring unique perspectives and collaborative problem-solving driven by a culture where 60% of staff come from underrepresented groups, fostering innovation and sustained mission success.



Executive Leadership

CTO-level leaders with prior KPMG backgrounds, including Dennis Tally, bringing strategic IT transformation and executive leadership credentials across large government engagements.



AI & Research

PhD-level AI specialists with 15+ years of technical experience at the NSA and advanced academic credentials, delivering rigorous machine learning and analytics for complex federal missions.



Cloud & Security Engineers

Veteran cloud engineers holding federal security clearances and AWS certifications, experienced in designing secure cloud architectures for both classified and unclassified environments.

Key certifications and clearances: CISSP, AWS certifications, federal security clearances; experienced across classified and unclassified environments.

Partner with Sun Radia

Proven cost savings, innovative technology, stellar team. Ready to deliver results for your federal mission.