



Artificial Intelligence (AI) - Security Consultancy services from 2T Security

Commented [SV1]: Are we really providing this?

2T Security delivers end-to-end AI strategy, implementation, and secure deployment for public sector security teams, enabling trusted adoption of machine learning (ML) and large language models (LLMs) to enhance threat detection, operational efficiency, and staff productivity. We combine NCSC-certified security architecture with a proven delivery lifecycle to ensure solutions meet UK government security standards, ethical requirements, and operational needs – from initial discovery to handover.

Our service covers the full AI implementation and adoption journey:

- Discovery & Requirements – Workshop with your teams to define security-critical use cases.
- Security-First Design – NCSC-aligned architecture for ML/LLM solutions, including risk assessment, data governance, and compliance.
- Vendor & Solution Sourcing – Expert procurement support for on-prem infrastructure, including vendor evaluation and RFP support.
- Build, Deploy & Integrate – Secure development of ML models and LLM interfaces, integrated with existing SIEM/IT systems.
- Handover & Knowledge Transfer – Comprehensive documentation, staff training, and governance frameworks to ensure sustainable, in-house management.
- NCSC Assurance is embedded in our process – we are certified to provide NCSC's 'Security Architecture' services and routinely collaborate with NCSC teams to ensure solutions meet current security standards.

Capabilities

- End-to-end AI strategy & implementation: From discovery workshops to handover, including ML model deployment and LLM interfaces.
- NCSC-certified security integration: Embedding NCSC's AI Security Guidance into every phase (design, build, deployment) to ensure compliance with UK government security standards.
- Vendor & procurement enablement: End-to-end support for cloud/on-prem sourcing (Azure AI, AWS Bedrock), RFP development, and vendor evaluation.
- Ethical & secure AI delivery: Bias testing, data privacy, and interpretability baked into ML/LLM solutions from day one.
- Public sector AI blueprinting: Proven framework for deploying AI in high-risk environments.
- Secure by Design: principles are at the heart of everything we deliver with significant experience across central government & civil service bodies.
- Certified consultants: Our team of Security Architects include AWS and Azure certified consultants, with cloud, and cloud security experience across numerous implementations and security initiatives.
- Service assured by National Cyber Security Centre (NCSC).
- Service led by ACSC (CCP) Lead Security Architect.



Key benefits

- Extensive data analytics experience in high threat environments.
- Secure by Design principles are embedded at earliest opportunity with extensive experience in public and private sectors.
- Experience in creating architectural blueprints and standards.
- Experience navigating Technical Review Boards and other appropriate change boards.
- Technology agnostic approach that reflects business needs.
- Confidence working with internal and external stakeholders across your organisation.
- Confidence your technical security problems will be managed by an NCSC assured organisation.
- Confidence that your security architecture is being delivered to a consistent standard.
- Backed up by extensive real-world experience covering most central Government departments and organisation.
- Modular approach to functionality — we support and rapidly deliver a minimal set of requirements for a client's immediate needs, which can then be augmented in stages to support enhanced requirements.
- Services led by ACSC (CCP) Lead Security Architect.
- Trusted by NCSC for high value and complex projects.
- Skills transfer to internal staff including training.

Engagement Process

Our AI security consultancy service engages widely to deliver high levels of value to your business, including:

- Discovery: Joint workshops to define security-critical use cases.
- Security-First Design: NCSC-certified architecture for ML/LLM solutions, including risk assessments and compliance mapping.
- Vendor & Build: End-to-end procurement support & secure development (cloud/on-prem/hybrid) of models/interfaces.
- Deploy & Integrate: Seamless integration with existing SIEM/IT systems.
- Handover: Training, documentation, and governance framework for permanent in-house management.
- NCSC-Backed Oversight: All phases led by an NCSC-certified Lead Security Architect with public sector experience.