ALIUD SOLUTIONS

SECURE/INNOVATE/DELIVER
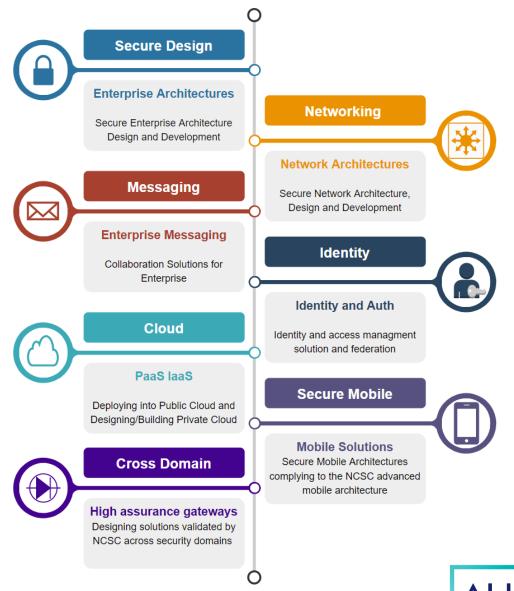
PRICING GUIDE

CYBER
ESSENTIALS

Service Definition

Aliud Solutions has a wealth of knowledge and experience in delivering secure systems and solutions across government security classifications, including Public Cloud, Private Cloud and SaaS technologies, as well as being Cyber Essentials certified organisation.

Aliud Solutions provide highly skilled technical architects and specialists to design and deliver systems and individual technical products across secure architectures including those that require; High Threat (High Assurance) cross domain gateway components, virtualised and containerised components, secure networks and encryption technologies (including high grade) to support enterprise mobility, messaging and real time communications, and information exchanges between multiple systems with varying risk and security characteristics.

Our business understands the technical and commercial engagements required to deliver technologies for clients and is experienced in assisting other SMEs and partners deliver by provided technical input to these solutions, including the contractual scopes for new deliverables, new technologies and ensuring their integration into secure system architectures.

Aliud has a wealth of experience managing lasting relationships with multiple vendors and suppliers in the secure technology space.

Secure Design

Enterprise Architectures
Secure Enterprise Architecture Design and Development

Networking

Network Architectures
Secure Network Architecture, Design and Development

Messaging

Enterprise Messaging
Collaboration Solutions for Enterprise

Identity

Identity and Auth
Identity and access managment solution and federation

Cloud

PaaS IaaS
Deploying into Public Cloud and Designing/Building Private Cloud

Secure Mobile

Mobile Solutions
Secure Mobile Architectures complying to the NCSC advanced mobile architecture

Cross Domain

High assurance gateways
Designing solutions validated by NCSC across security domains

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Our Service Offerings

Secure Network Architecture, Design and Development: Designing and delivering security network architectures across multiple security zones and those with differing security properties. Including sovereign encryption solutions (High Grade) architectures to deliver these at scale and using high grade devices and key management technologies to allow devices to be leveraged in enterprise architectures. Delivering Network Architecture and WAN designs, Mobile Networks and datacentre fabrics including software defined data centres (SDDC), application firewalls.

Collaboration Services at Tiers 1, 2 and 3: Providing networks, architectures and technologies for delivering collaboration services, data flows including email with attachments for multiple enterprise document types and real time collaborations technologies such as Identity, messaging, voice and video.

Application hosting Architecture, Design and Development: Delivering secure shared government platforms for applications. Including VMware and Openstack and cloud management systems, and virtual desktop technologies. Designing and delivering additional capacity and availability to these. Scale out architectures and linking to additional systems for resilience. Application delivery and load balancing technologies in Zero Trust Architectures.

PaaS and IaaS: Designing and delivering secure private cloud environments in secure data centres incorporating physical and logical elements, incorporating identity permission models. Designing systems and delivering solutions in public cloud platforms including AWS, GCP and Azure and leveraging their SaaS components. Deploying components into private virtual datacentres and integrating these into end-to-end architectures with private cloud environments and across multiple security classifications when required.

Windows Server, Linux, Docker, Kubernetes: Specialisms in component technologies within modern secure architectures, including Microsoft Server and Desktop operating systems, Enterprise Linux variants, containers and orchestration systems such as Docker and Kubernetes and CI/CD integrations, version control and configuration management tooling.

Our Service Offerings

Secure Comms and Enterprise Messaging: Specialist skills and experience in developing Enterprise secure comm's applications architectural and design around secure Instant chat and secure video solutions.

Tech Leadership: Technical content and contexts provided for Leadership teams, Commercial teams, Security teams and CISO and SRO's as well as the system accreditors. Guiding technical teams during the design, development and delivery phases.

Secure Reviews and Risk migrations: Experience Scoping security and pen testing as part of new developments and architecture and advising on remediations and appropriate controls subsequently . Security strategy and risk management.

Identity Solutions, Certificates PKI and cryptography (public and government suites): Extensive experience in working with vendors developing and integrating services into organisations Identity provider services. Enterprise Identity management and Federation identity technologies experience includes ADFS, SAML 2.0, OAuth 2.0.

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Platform Services: Specialist experience in architecting and implementing highly complex and secure platform services within single and multi-domain air gapped environments.

Application hosting Architecture, Design and Development: Delivering secure shared government platforms for applications. Including VMware and Openstack and cloud management systems. Designing and delivering additional capacity and availability to these. Scale out architectures and linking to additional systems and resilience.

Mobile Solutions: Secure Enterprise Mobility - On-Prem and Cloud mobile management services. Capabilities include alpha, beta, live delivery - design/architecture and engineering through to operational management and support of Mobile device, application and identity management solutions services working to NCSC accredited designs and the Advance Mobile Solutions Architectures providing effective data, user, application and device management.

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Additional Services / Capability Team

Aliud are experienced in working with and delivering against the agreed requirements for common technologies and on secure shared government platforms. We have taken proof of concept components, designs and technologies and worked with these, and their suppliers and developers, to deliver these into systems iteratively and helping to mature these technologies to meet the user needs and design these into appropriate system architectures. Examples of these are designing and delivering:

- New high assurance technologies to support integrating these securely what would have traditionally been completely air gapped systems to deliver secure enterprise messaging across security classification.

- Datacentre resilience and scale out architectures in Zero Trust architectures

- Resilient enterprise laptop remote access designs to support significant increases in device and user numbers.

- Secure infrastructure designs that allow more flexible working at tier 2.

- Architectures to support information exchanges and accessing multiple external systems and applications securely, with differing properties, in line with agreed risk acceptances.

- Integrating with other systems securely and designing and delivering these integrations with NCSC approvals.

- Design and implement Enterprise Identity Management solutions in a tiered environment and browse down between security classifications systems with different security risk.