**Cyber Security
Defence Consultants**

Cyber Security Consultancy

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G-Cloud 14 Service Description

Cyber Security Defence Consultants
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Technical Cloud Security Architecture Specialist

Cyber Security Defence Consultants

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1   OVERVIEW

Cyber Security Defence Consultants work with organisations to improve and enhance their cybersecurity thresholds.

Our teams work within complex and diverse environments to achieve strategic, operational and realistic outcomes, including ISO/IEC27001, Cyber Essentials and Cyber Essentials Plus.

Over multiple consultancy contracts, we have developed and implemented information risk management processes that support our client's governance models and provide support to control specific target areas, improve processes and mitigate risk. This has increased security controls, reducing the organisation's risk appetite and cyber threats.

We engage experienced and qualified consultants who are up to date with all legislative practices to support organisations to manage risk effectively.

Our team hold qualifications including CISSP, CISM and ISO/IEC 27001 Lead Auditor and Lead Implementer.

Our cyber security consultancy engagement process aligns with the NCSC Certified Cyber Security Consultancy Standard, ensuring a high-quality client journey including agreed deliverables, transparent and regular reporting, defined escalation paths, suitably skilled and qualified resources and focused delivery.

2   SERVICES

2.1   Technical Cloud Security Architecture Specialist

Cyber Security Defence Consultants can provide an analysis of an organisation's technical landscape and company strategy to recommend the best way forward to move operations and applications into a cloud-based infrastructure and benefit from operational improvements and cost savings.

We can guide your organisation in producing a cloud-based architecture strategy and supporting artefacts for the current and future.

Services include:
1. Architectural Review
2. Technical debt review
3. High-level cloud strategy
4. Cloud architecture design
5. Cost models
6. Roadmap to the cloud
7. Consultancy services to support Microsoft Cloud/Azure selection/implementation
8. Make appropriate cloud-architecture decisions for your needs
9. Maximise benefits from cloud-hosting

We have provided further details on some of these specialist services below:
1. **Cloud Strategy and Consulting:** we work with our clients and internal stakeholders to understand their business requirements, assess their current IT infrastructure, and develop a comprehensive cloud strategy. This includes evaluating the suitability of different cloud platforms, identifying potential use cases, and ensuring alignment with organisational goals.
2. **Cloud Architecture Design:** our technical architecture services consultants design and architect cloud solutions tailored to specific business needs. This involves selecting the appropriate cloud services, defining the infrastructure components, and ensuring scalability, security, and compliance with industry standards and best practices.
3. **Cloud Migration and Deployment:** we plan and execute migrating existing applications, data, and workloads

to the cloud environment. This may involve refactoring applications, setting up cloud infrastructure, migrating data, and ensuring smooth transitions with minimal downtime.

4. **Cloud Automation and DevOps:** we implement automation strategies and DevOps practices to streamline cloud operations, such as infrastructure provisioning, configuration management, continuous integration, and continuous deployment (CI/CD) pipelines.

5. **Cloud Optimisation and Cost Management**: we monitor and optimise cloud resource utilisation, performance, and cost. They analyse usage patterns, identify opportunities for cost savings, and implement strategies like auto-scaling, load balancing, and resource rightsizing.

6. **Cloud Security and Compliance**: we ensure that cloud architectures and deployments adhere to security best practices, industry regulations, and compliance standards. This includes implementing access controls, encryption, network security, and monitoring and logging mechanisms.

7. **Cloud Governance and Operations:** we establish governance frameworks, policies, and procedures for cloud operations, including resource management, access controls, and incident response processes.

8. **Training and Knowledge Transfer:** we provide training and knowledge transfer sessions to internal teams or clients, enabling them to understand and effectively manage their cloud environments.

We work closely with your organisation and key stakeholders to ensure successful cloud adoption and optimisation within the organisation, now and in the future.