

## Service Definition Document

**Service Name:** Saracen Consultancy Cyber Security Services

**Introduction:** Saracen Consultancy Cybersecurity Service is designed to help businesses identify, protect and business-critical and sensitive information assets from unauthorised access, exposure, malware attacks, and other cyber threats. Our teams of highly qualified and experienced security subject matter experts hold leading industry accreditations, are passionate about security and are committed to achieving the best security outcomes for our clients.

Our services are comprehensive, robust and flexible and can be tailored to meet the specific needs and risk profiles of our clients.

### Service Description

#### 1. Cyber Strategy

We define your organisation's Cyber Strategy and ensure alignment with business goals and regulatory compliance requirements.

The service includes

- cyber readiness assessment
- Capability Maturity assessment
- Controls gap assessment
- Identification of compliance requirements and standards
- Cyber security strategy definition, documentation and implementation
- Definition and documentation of security principles, guidelines and operational guide for your organisation.

#### 2. Security Architecture Design

We design a secure architecture for your technology and data infrastructure, ensuring your services are resilient against cyber threats. Our experienced security architects ensure defence and strategic security control requirements are identified and built into solution designs, implemented in development and continuously assessed for effectiveness throughout the service lifecycle.

Our service covers

- Identification and articulation of risks in the abstract and detailed design of systems and services. We provide guidance on how to reduce the likelihood of exploitation of vulnerabilities and minimise impact in the event of a compromise
- Guidance on secure development, build, deployment, operation and management of systems and services
- Guidance on the adoption and secure implementation of common architectural blueprints or patterns
- Guidance on selecting technologies that provide adequate mitigation to potential vulnerabilities identified in a system architecture
- Summarising technical security analysis into appropriate formats for different stakeholders.

### **3. Security Risk Assessment & Management**

Our qualified security experts will identify and evaluate threats and potential risks to your organisation's information systems and data. We work with you to identify potential sources of threats, vulnerabilities and mitigations for identified risks align with your organisation's risk appetite.

We develop and document risk management plans that are appropriate for the client's business taking into account business objectives and policies.

The service covers

- The provision of advice and guidance to clients to help them understand the right approach to risk assessment in the context of the objectives of the business and desired outcomes
- We work with clients to help them develop a realistic view and understanding of the cyber security risks that are associated with their business objectives
- Undertaking and documenting risk assessments on behalf of clients to help them identify and tackle cyber security risks relevant to what they are doing and what they are trying to achieve
- The communication of risk assessment outcomes to clients, provision of advice, guidance and recommendations on how identified cyber security risks could be managed to help clients make risk decisions, support effective security risk management and business decision making

- The provision of advice and guidance on the effective application of recognised risk management frameworks and methods
- The provision of cyber security control recommendations aimed at providing through life management of identified risks
- The development and documentation of risk management plans that are appropriate for the client's business
- The provision of advice and guidance to help clients develop approaches that ensure the continuous management of identified risks which evolve to cope with changes in the business, threat and technology landscape.

#### **4. AI Security & Ethics**

Our AI subject matter experts are qualified to identify AI risks and advise on the ethical and responsible use of AI technologies. We work with your organisation to discover potential sources of harm and offer solutions to reduce harm to individuals and, your business.

Our Service covers

- Review and audit of your business's use of AI technology against ethical AI principles of Legal and Compliance, Equitable Design, Transparency and Interpretability, Privacy and Cybersecurity and Data Governance.
- Identification of business value use cases
- Develop Guidance and Policies for ethical AI
- AI Risk Management
- Establishing AI Governance and Strategy

#### **5. Data security, Compliance and Regulation**

Our specialist data security services include asset identification & classification, Data Privacy Impact Assessment and audit support. We help clients assure the privacy and security of personal data in compliance with the General Data Protection Regulation (GDPR).

Our services covers

- GDPR readiness assessment
- Data Protection Impact Assessments
- Ongoing compliance monitoring
- Support for clients to achieve compliance and audit certifications for CyberEssentials, UK GovAssure CAF, ISO 27001, ISO 42001, ISO 9001 and SOC2.

## **6. Security Testing**

Service includes offensive testing of web, application, infrastructure and network services to identify threats and vulnerabilities in line with standards and defined requirements.

Our service covers

- Configuration and build assessments of your IT services and infrastructure
- Testing support service where we help scope and work with your preferred Pen testing company.
- Engagement management with your third-party company
- Support and guidance for implementing recommended remediation and mitigating controls.

## **7. Identity and Access Management**

Our expert Identity architects will audit your current identity and access management solutions and provide a report that takes account of technology, applicable standards and industry best practices. We work with you on remediating identified weaknesses and risks.

We design cross-platform identity solutions and set up roles, permissions, and role-based access controls for cloud services.

## **8. Cyber Program Management**

Our team of experienced security program managers can help shape, design, and deliver your security program of work.

Our program management service includes

- Risk assessment to identify and evaluate potential risks and vulnerabilities.
- Project management of the implementation of recommended security measures.
- Working with client's partners, vendors, employees, and agencies to ensure project success
- Supporting the development, implementation, and communication of cybersecurity activities and programs
- Lead the set-up and execution of program events, briefings, and meetings
- Define program requirements and identify all elements of cost, schedule and performance
- Assessing the project impacts of scope, schedule and budget change requests and taking requisite action
- Ensuring successful and timely delivery of your cyber program

## **9. Applications Security**

Our application security team is comprised of experts with several years of application development experience. They understand how vulnerabilities can be exploited to the detriment of the business and users of your services.

Our service include

- Code Reviews
- Dynamic Application Security Testing
- Continuous Integration and Continuous Deployment process audit,
- Risk assessments, reporting and remediation planning.

## 10. Incident Response

We provide turn-key, fast and immediate security incidents response service that is suitable for organisations of all sizes. We can manage the security incident lifecycle from delivery to recovery or, simply augment the existing in-house major incident teams.

We aim to minimize the impact and downtime of any security incident and our expertise in this area includes documenting business impact assessment, disaster recovery and business continuity planning, DR/BC testing, active data and service recovery, process management and reporting services.

### Service Properties:

- **Type:** Professional Consulting,
- **Availability:** Business hours with 24/7 emergency response
- **Delivery:** On-site, Client-facing, Remote or Hybrid consulting

### Metrics and KPIs:

- **Client Satisfaction:** Measured through quarterly surveys
- **Incident Response:** Tracked by the number of incidents successfully mitigated

### Change Management:

**Versioning:** We provide regular updates to services in response to new threats and technologies

### Review and Approval:

The service definition is owned by Saracen Consultancy Security Service Owner. It has been reviewed by industry experts and conforms to the National Cyber Security Centre's standards.

### Contact Us

If you have any questions about the content of this document, please contact us at

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