



# CYBER ARCHITECTURE & CONSULTING

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## PRACTICE PROFILE

CSO Group's Cyber Architecture & Consulting Practice is a specialised team that focus on providing comprehensive guidance and expertise in the field of cybersecurity. Its primary objective is to develop and implement a robust framework to protect from threat and mitigate security risks within your organisation. Our team works closely with you to understand your specific business requirements, industry regulations, and technological landscape.

Ultimately, the Cyber Architecture & Consulting practice strives to create a proactive and comprehensive cybersecurity framework that safeguards sensitive data, protects against cyber threats, and enables your organisation to operate securely in today's interconnected digital landscape.

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## WHY WE BUILT THIS PRACTICE

The inception of CSO Group's Cyber Architecture & Consulting practice was driven by the aim of offering top-tier advisory and consulting services with a strong focus on business needs. Our approach involves collaborating closely with you, delving into your core operations, and providing valuable insights to comprehend and effectively handle your cyber security risks.

With industry experts offering extensive experience in cyber security, our team is passionately committed to solving business problems and helping organisations thrive securely with well-managed risk.

## OUR APPROACH

Central to our operations is a genuine comprehension of the business challenges at hand, along with a thorough understanding of the risks that need to be mitigated and the potential opportunities worth capitalising on. Our core ethos revolves around establishing a trusted advisory relationship, prioritising your business needs over merely selling solutions.

We diligently strive towards achieving business security outcomes that align seamlessly with you and your organisation's overarching goals. Each member of our team shares this customer-centric view, and their dedication has earned us a reputation for excellence in client delivery.

## THE RESULT

Through our approach, we deliver results that empower your business to operate securely and sustainably while maintaining your core functions. Our strategies and solutions are meticulously designed to be purpose-driven, justified, actionable, manageable, and, most importantly, valuable. We ensure that every aspect of our approach makes sense and aligns seamlessly with the unique needs and goals of each business we serve. Delivering the following key benefits to our customers:

**Enhanced Cybersecurity Posture:** Engaging our Cyber Architecture & Consulting service equips you with a comprehensive and tailored cybersecurity framework. This results in a significantly improved cybersecurity posture, reducing vulnerabilities and potential risks to your organisation's digital assets and sensitive data.

**Customised Solutions:** Our Cyber Architecture & Consulting service takes into account the specific needs and challenges of your business. By developing customised solutions, the service ensures that the cybersecurity measures are aligned with your organisation's goals, industry regulations, and unique technological landscape.

**Proactive Risk Mitigation:** With a dedicated focus on identifying potential threats and vulnerabilities, the service enables proactive risk mitigation. By addressing risks before they escalate into major security incidents, you can prevent costly data breaches and cyber attacks.

**Efficient Resource Allocation:** A well-designed Cyber Architecture can help you allocate resources efficiently. By prioritising security measures based on risk assessment and business impact, your organisation can optimise its cybersecurity investments and maximise a return on investment.

# CORE COMPETENCIES

*Our competencies underpin our ability to produce business security outcomes. This is how we achieve success for our customers.*



*Each member of our team has a broad technical background with extensive experience in advising, designing, implementing and managing various technologies. This breadth of expertise provides us with the knowledge and understanding to assist clients across a business issue, end-to-end, inclusive of business outcomes, planning, processes, people, and technology.*

## CREDENTIALS AMONG OUR TEAM INCLUDE:

- ✓ Sherwood Applied Business Security Architecture (SABSA)
- ✓ The Open Group Architecture Framework (TOGAF)
- ✓ Certified Information Systems Security Professional (CISSP)
- ✓ Payment Card Industry Qualified Security Assessor (QSA)

# OUR STRATEGY & ARCHITECTURE PRACTICE THREE KEY SERVICES ARE:

- 1 Cyber Security Strategy
- 2 Cyber Security Architecture
- 3 Strategic Advisory

## 1 CYBER SECURITY STRATEGY

*A security strategy service plays a crucial role in helping organisations proactively strengthen their security posture, protect sensitive data, and safeguard against potential cyber threats. It enables organisations to be more resilient and better equipped to respond to security incidents effectively.*

### STRATEGY DEVELOPMENT

Conducting business without a clear security strategy is risky business. It will inevitably lead to unforeseen risks that will impact on the business's ability to achieve its goals and objectives to varying degrees, and may even bring more severe consequences.

Utilising our business-centric approach, CSO Group will drive the development of a strategy that will enable your organisation to continue to function and grow in a secure and sustainable manner, using a combination of people, process, technology, and risk management that is fit for purpose.

We commence by obtaining the right stakeholder engagement and distilling a clear view on your organisation's objectives. A detailed discovery exercise is conducted through a series of interviews and artefact reviews to establish detailed business context, then leading to an assessment of current controls, threats and determination of gaps and security maturity.

The strategy is developed with stakeholder review and input. Once finalised, CSO Group provides a roadmap for implementation of the strategy and can assist in raising the business case for approval to proceed.

We appreciate the unique requirements of differing businesses, and our strategy development is flexible to accommodate. Whether attempting to resolve a key issue in the short term, or the business is looking for opportunities to exploit new trends/technology, we can help.

### TRANSITION ARCHITECTURES

In concert with our Security Architecture services, we can develop transition architectures which articulate how your current state architecture needs to change over time to deliver your organisation's security strategy.

*"Our goal is to provide practical and actionable strategies that enable our clients to operate securely and efficiently. We pride ourselves on our dedication to continuous improvement, staying abreast of the latest trends and regulations to ensure our clients' long-term resilience."*

\*Matt Sirotich, CTO of CSO Group

## 2 CYBER SECURITY ARCHITECTURE

*A security architecture service plays a critical role in establishing a resilient and scalable security foundation for an organisation. It aims to create a proactive defence system that not only protects against known threats but also anticipates and mitigates emerging risks. By leveraging industry expertise and best practices, this service helps organisations optimise their security investments and enhance their overall cybersecurity posture.*

### ARCHITECTURE DEVELOPMENT

Implementing and integrating controls into an environment requires careful planning and consideration of a multitude of factors. CSO Group's architecture services help organisations to better understand and manage their information security program to enable true value realisation and a sustainable approach to conducting business securely.

Our security experts can help architect the establishment of new controls, uplift existing controls, or even help with consolidation of controls to minimise complexity and overheads.

Leveraging our own reference architecture covering key control domains, CSO Group can enable your business quickly and easily using our proven framework.

In alignment with our core competencies, CSO Group's architecture development methodology takes a business-centric approach. Requirements and objectives are clearly defined up front, and throughout development the focus is squarely on achieving the desired business security outcomes.

### ARCHITECTURES REVIEW & ADVISORY

Whether for an individual project, control, environment, or at an enterprise level, our consultants will assess your existing or planned architecture to identify potential areas for improvement.

We take a holistic approach to validate whether the architecture fulfills the intended business outcomes. We will provide recommendations to address identified gaps, in addition to advice on opportunities to improve in terms of better risk addressment and/or improving business enablement.

### AN INTEGRATED APPROACH

Our Cyber Architecture & Consulting team operates in direct alignment with CSO Group's design, implementation, and managed services capabilities, thus offering you the benefits of an integrated end-to-end approach based on our reference architecture.

### BENEFITS

- ✓ Comprehensive Cyber Framework
- ✓ Enhanced Cybersecurity Posture
- ✓ Proactive Risk Mitigation
- ✓ Cost-Effective Security Investment
- ✓ Scalability and future-proofed
- ✓ Compliance and Regulatory Adherence
- ✓ Improved Stakeholder Confidence
- ✓ Confidence in expertise
- ✓ Modular Adoption
- ✓ Improved Stakeholder Confidence
- ✓ Confidence in expertise

*Our security strategic advisory service empowers organisations to make informed and strategic decisions about their security initiatives. It ensures that security is integrated into the organization's DNA and becomes an integral part of its overall business strategy, enabling the organisation to navigate the complex cybersecurity landscape with confidence and resilience.*

## STRATEGIC ADVISORY

Our strategic advisory services are suitable for projects with a more discreet scope. Examples include consultation and/or advisory on:

- ✓ Business case development
- ✓ Business analysis
- ✓ Addressing organisational change
- ✓ Managing evolving threats
- ✓ Security controls and technology platform decision-making
- ✓ New business initiatives

## ARCHITECTURES REVIEW & ADVISORY

Our services extend into building collateral to drive business and/or executive stakeholder engagement and awareness of Cyber Security. These engagements cover:

- ✓ Tabletop exercises
- ✓ Incident response and playbook development
- ✓ Cyber operating model development
- ✓ Security awareness training programs, including phishing readiness

*"In an era where cyberattacks are becoming more sophisticated and frequent, investing in cyber advisory services is a strategic decision that safeguards not only the organisation's digital assets but also its reputation and the trust of its stakeholders."*

\*Matt Sirotych, CTO of CSO Group

## GENERAL CYBER CONSULTING

If you have a cybersecurity problem and either don't have the internal resource capacity or capability to address it - we can help. Our staff are cybersecurity specialists ranging from CISO's to Incident Responders. We have the skillset and capacity to support you to address your cybersecurity problems.

## CISOaaS

Does your organisation appreciate the value of Cyber Security but requires a temporary or part time CISO? CSO Group offer a pragmatic approach to deliver your organisation executive-level cybersecurity advice, insight, leadership and guidance within time scales to suit your organisation.

## BENEFITS

- ✓ Business-Centric Approach
- ✓ Executive-Level Guidance
- ✓ Risk Assessment and Management
- ✓ Emerging Technology Considerations
- ✓ Business Resilience
- ✓ Compliance and Regulatory Adherence
- ✓ Incident Response Planning
- ✓ Continuous Improvement

## OUR PASSION IS SOLVING BUSINESS PROBLEMS

Our passion is solving business problems and genuinely helping organisations do what they do best in a secure manner with appropriately managed risk. Each member of our team shares in this view and has earned a high reputation for excellence in client delivery. We take a pragmatic approach to enabling client outcomes, building strong internal and client relationships based on trust, active engagement, and quality delivery.

Each member of our team has a broad technical background with extensive experience in advising, designing, implementing and managing various technologies. This breadth of expertise provides us with the knowledge and understanding to assist clients across a business issue, end-to-end, inclusive of business outcomes, planning, processes, people, and technology.

### SAFEGUARD

Investing in a Cyber Architecture & Consulting service empowers an organisation with the knowledge, expertise, and tools needed to protect their digital assets, maintain a competitive edge, and safeguard their business operations in an increasingly interconnected and cyber-threatened world.

### CSO DELIVERY MODEL

**Single Point Accountability:** CSO Group act as your single point of accountability across all security technologies.

**Standard Processes:** Delivered through the Cyber Assurance Service, simplifying service delivery and engagement.

**Shared Resources:** Our cross-skilled resources share responsibility for technical and event management for thorough problem resolution.

**Continuous Improvement:** Our methodologies are tried and tested, with continuous improvement embedded at the core.



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