

Alex Morkos

Partner in Sydney

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Alex is a specialist cyber security architect with experience designing small and large enterprise technology solutions across a range of sectors.

Alex is a technology and cyber specialist with more than 25 years' experience. His experience covers security engineering and operations, risk management and Enterprise Security Architecture roles. Having started his career as a developer, he co-founded, operated, and eventually sold a cyber business to a 'Big 4' consulting firm. Alex's experience covers both the business and technical sides of cyber across industries including banking, retail and defence.

Alex has worked in various roles from leadership, strategy, governance, policy, regulatory readiness, architecture and consulting to Enterprise Security Architecture, Cloud, End-Point Security, Cyber Risk Management and DevSecOps.

Engagement Experience —

Enterprise and Solution Security Architecture

- Delivered Security Architecture service models for a number of organisations in retail and financial sectors.
- Developed SABSA based Security Architecture solutions.
- Architected desktop security services for large Australian banks.
- Architected secure key management solutions for large enterprise with over 50,000 seats.
- Designed and deployed data encryption solutions for numerous databases services such as Teradata, Oracle and SQL.
- Developed the Security Architecture and cyber risk model for big data platform at large Australian Bank.

Governance, Compliance and Risk

- Developed board presentations for CISO's on their cyber maturity and risk posture.
- Run numerous compliance and maturity assessments across various industries, using:
 - NIST CSF and 800-53, ISO 27001, CIS and Privacy
- Run enterprise cyber risk assessment across large organisations.

Qualifications & Memberships —

- Member, Australian Information Security Association
- Sherwood Applied Business Security Architecture (SABSA) - 2012
- Bachelor of Science (Computer Science and Psychology) Sydney University



McGrathNicol

Alex Morkos Partner in Sydney

Engineering and Product Development

- Developed and sold a Security Architecture assessment platform on SABSA principles.
- Designed and implemented Zero-Trust solutions on premise and Cloud.
- Built DevSecOps teams leveraging OWASP.