Tomasz Ciolek

Solutions Architect, Systems Administrator, Programmer

Education

Bachelor of Information Technology, University of Canberra

Professional Certification

SABSA Foundation Certified Security Architect

Cert IV, Government Fraud Control Investigations

Security Clearance

Defence TS(NV)

Key Skills and Knowledge

Domain Expertise

Enterprise Architecture
Security Architecture
Technical Architecture
ICT Security
ICT Operations
Systems Implementation
Development and Design

Databases

Oracle
MSSQL
PostgreSQL
MySQL

Operating Systems

Unix (Solaris, AIX)
Linux (all distributions)
Windows NT/2000/2K3 server
Windows 9x/NT/2000/XP desktop

Programming Languages and Tools

C, C++
PERL, Python, Unix Shell, UML
Multiple version control systems

Management Consulting Services

Enterprise Architecture
Security Architecture
ICT Security
Systems design and implementation
Systems integration

Project and Program Management

Project Management Requirements Definition

Experience

Tomasz is an IT professional with over 13 years of experience in the IT industry. This experience has been gained in many different positions with many organisations. In his career to date Tomasz has worked in the following fields: enterprise architecture, security architecture, ICT security policy development, ICT security operations, ICT systems and network operations and ICT system design and implementation. Tomasz specialises in enterprise architecture, security architecture and technical architecture.

More recently, Tomasz has been involved in various projects, including the following:

Government – Defence, Solutions Architect (present)
Solutions Architect with a large multinational ICT services company.

The Department of Defence is responsible for the security and integrity of Australia and security of Australian interests. The department is an organisation of approximately 100,000 employees with presence at over 480 sites in Australia and many locations overseas. As a solutions architect Tomasz was responsible for architecture and technical design of new ICT and business solutions in alignment with the Department's Enterprise and Security Architecture standards, technology roadmap and security policies.

Achievements/Responsibilities included:

- Developed full documentation and managed the process to obtain Defence security accreditation for new systems, enabling their use and deployment on the Defence networks.
- Support for the ICT transition effort including development of complex architectural documentation of the environment.

Australian Federal Police (2007 – 2008)
Government, Law Enforcement, AFP ICT Security.

The Australian Federal Police (AFP) are the lead law enforcement agency responsible for prevention and investigation of crimes against the Commonwealth of Australia. AFP has approximately 6500 staff, with offices in all of the Australian States and Territories and a presence in many locations overseas. As an ICT security officer Tomasz was responsible for the development and implementation of new ICT security policies and enforcement of existing ICT security standards. He was involved in the development of new secure ICT capability for the agency.

Achievements/Responsibilities included:

- Development of new ICT security policies and practices
- Development of new ICT risk management practices
- Delivery of new secure ICT capability.
- Security review of all proposed changes to the ICT environment.
- Development of new standards for network and application security

Australian Communications and Media Authority (2004 – 2007)
Government – Telecommunication Regulation, ACMA Investigator

The Australian Communications and Media Authority is the regulatory authority for all telecommunications and broadcast media in Australia. It is an organisation of approximately 700 staff with offices in all Australian States and Territories. The Authority is also responsible for the enforcement of the Spam Act 2003, the Australian laws that regulate the sending of advertising and commercial material via electronic means (e-mail, SMS, IM, etc.). Tomasz was employed by ACMA as a systems analyst, and an investigator with responsibility for actions relating to the Spam Act 2003. He was seconded to the Australian High Tech Crime Centre.

Achievements/Responsibilities included:

- Develop and Implement the Australian National Anti Spam capability. This was the first system of its kind in the world and was implemented effectively such that Federal Court action for breaches of the Spam Act 2003 was successfully prosecuted based on evidence derived from this system.
- Development of a new case management system
- Development of computer forensics capability.
- Investigator in the first (and successful) Federal Court action for breaches of the Spam Act 2003
- Investigator in several cases, resulting in successful court action, fines and other sanctions