

# Tomasz Ciolek

## Solutions Architect



### Key Skills and Knowledge

#### Domain Expertise and Solutions (Industry Focus)

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

#### Security Clearance

Defence TSNV

#### Professional Certification

SABSA Foundation Certified Security Architect  
Cert IV, Government Fraud Investigations

#### Education

Bachelor of Information Technology,  
University of Canberra

### Experience

Tomasz is a Solutions Architect with Unisys 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 work 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 projects including the following:

#### Department of Defence 05/2008– ongoing Government - Defence, Unisys Solutions Architect

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 is 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 of complex new systems for use by Unisys Staff on the Defence networks.
- Support for the regional ICT transition effort including development of complex architectural documentation of the environment.

#### Australian Federal Police 06/2007 – 04/2008 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 04/2004 – 06/2007 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 organization 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