



Stephen Wilson PKI profile

Stephen Wilson is an international authority on Public Key Infrastructure, and one of the most influential figures in the evolution of PKI in Australia. For over 20 years he has helped organisations across the Asia Pacific establish effective PKI solution and regimes, providing advice on strategy, architecture, CP/CPS, privacy, application enablement, technology selection and governance. In brief, Stephen has:

- held leadership positions at four commercial CAs (CAPL, KPMG, beTRUSTed, SecureNet)
- been strategic advisor on national PKI in Hong Kong, Indonesia, Kazakhstan, Macau, New Zealand and Singapore, and for the ASEAN secretariat
- created the *Relationship Certificate* category for Project Gatekeeper
- chaired the international OASIS PKI Adoption Technical Committee
- been awarded nine PKI patents.

Stephen's PKI achievements include:

- awarded a US Homeland Security R&D grant to develop an attributes wallet (2016-18)
- product manager for Queralt Inc.'s hybrid Derived-PIV / FIDO Authenticator (2017)
- led five Australian Gatekeeper PKI accreditations (CAPL, ATO, Medicare, PwC, SNX)
- wrote the business case for National Authentication Service for Healthcare "NASH" (2007)
- PKI manager for NASH, advising the prime contractor build and compliance (2011-12)
- wrote the PKI plan, CP/CPS and Key Signing Ceremony for SA Health PKI (2008-11)
- wrote the pioneering *Relationship Certificate Policies* for Medicare Australia (2005-6)
- business architect on the Project Gatekeeper strategic overhaul (2006)
- lead editor for the Australian Government Smartcard Framework (2006)
- led the establishment of the Hong Kong CA Recognition Office (1998)
- Principal Consultant to the *Cybersign Malaysia* commercial CA (2001)
- presented the paper *Public Key Superstructure* to NIST IDtrust Workshop, USA, 2008
- developed the *Starterpak* documentation template package for *Identrus* (2001)
- researched and populated the OASIS PKI resources website (2007)
- developed the *OASIS PKI Return on Investment* model and whitepaper (2005)
- subject matter expert on the business case for the Hong Kong Post CA (2001)
- wrote the New Zealand Cabinet's position paper on PKI (2000)
- founded the DnB/KPMG *Enshrine* corporate CA, with the world's first evergreen SSL certificates automatically vetted against regulatory databases (1999)
- developed PKI strategies for Westpac (2007), NZ Bankers Association (2001), Australian Stock Exchange (1998) and Australian Medical Association (1999)
- led the Asia Pacific chapter of the PwC Cryptographic Centre of Excellence (2001-01)
- Chair, international OASIS PKI Adoption Technical Committee (2007-8)
- OASIS liaison to the Asia PKI Forum (2005-8)
- Chair, Certification Forum of Australasia (1998-2001)
- Ministerial appointment to National Electronic Authentication Council (1998-2001)
- Member, Privacy Commissioner's Gatekeeper PKI Reference Group (2001).

See also <http://lockstep.com.au/library/pki>.