



“Securing Your Business’ Information”

CURRICULUM VITAE for Richard G. Wilsher



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Background

Richard Wilsher has almost thirty years computing/IT experience, the last eighteen of them in the information security domain. He has international experience in Information Systems Security and is widely experienced in the fields of PKI, electronic signatures and trust/assurance service-related issues. He has undertaken many projects concerned with accreditation and certification issues related to the assessment of Information Security Management Systems (ISMS – ISO/IEC 27001 & 17799), helping clients establish their own ISMSs and to ‘fast-track’ their internal control systems towards certification. Prior to entering the IT security field he developed successful high-integrity software systems for air defence and air traffic control applications.

Since 1993 he has operated his own independent consultancy business, the Zygma partnership. This was initially established in Great Britain. In 2003, Zygma began undertaking assignments in the USA and Richard established the Zygma partnership LLC in California in early 2005, where he now lives and focuses his energies.

Richard is a qualified Information Security professional and through Zygma offers businesses and governments guidance in developing IT strategies, operational frameworks, assessment schemes, and in developing their ISMS capabilities so as to strengthen the effectiveness of their business operations. In this latter regard Zygma offers its clients a specialised Advanced Internal Management System (AIMS) based upon both a methodology and a skeleton documentation system implementing the requirements of either ISO/IEC 27001 or ISO/IEC 20000-1. This enables our clients to quickly and effectively develop, operate and continuously improve their own ISMS/ITSM, leading to fast-track certification. Zygma is itself going through ISMS certification at the present time (October 2006).

Established as a limited liability company, the ‘partnership’ in the business names refers to the business philosophy of Zygma – entering into a business *partnership* with clients and collaborators alike: hence the play on the Greek symbol ‘sigma’, ensuring that the client’s information security is greater through being the sum of their parts.

Through a network of associates Zygma can build a team with the required strengths and composite skills to meet its clients’ specific needs and will ensure that the client has full visibility and knowledge of such arrangements.

the Zygma partnership LLC.

registered in California, USA, # 2005 08 81 01 08



Work experience / Assignments

Richard Wilsher is presently developing the ISMS for the US' Federal PKI Operational Authority, including relating the ISMS process to the broader FISMA requirements incumbent upon Federal agencies.

He has developed on behalf of the US' Federal Identity Credentialing Committee (FICC) FIPS 201-derived criteria for identity proofing and vetting (IPV) management processes. These FICC 201 criteria have been the basis of an IPV framework for the Trans-Atlantic Secure Collaboration Programme (TSCP) and also as the basis for the US Department of Defense's internal Directive on identity proofing and vetting. He has also undertaken other contracted HSPD-12 – related tasks, contributing to NIST FIPS and SP 800 documents.

Richard has been a central figure in the development of the US Government's Electronic Credential Assessment Framework (eCAF - a part of OMB's Electronic Authentication Initiative) and was the principal author of the Electronic Authentication Partnership's (EAP) service assessment criteria. Whilst working with the EAP he cooperated closely with many leading US businesses in developing the criteria for the assessment of electronic credential services. He has also supported US Government initiatives in their international promotion, having been funded by the DoD to support development of the TSCP's IPV framework at international workshops; he has also represented the General Services Administration at conferences in Great Britain and France.

Richard is presently undertaking assignments with GSA and collaborating in that work with other Federal bodies, such as NIST, NIH, DoD and OMB, in addition to providing services to corporate clients in banking and other sectors.

Through Zygma, Richard Wilsher also provides ISO/IEC 27001 ISMS awareness and internal audit training, which can be related to Zygma's 'AIMS' Skeleton where the client chooses to use this support.

Although now based in California he retains clients in the UK and Europe, from whence he originated, including an assignment to develop an assurance framework for the UK's electronic electoral services – this has many international implications and some of the work has been conducted in the USA, liaising with bodies here which have an interest in such systems, at both Federal and State government levels, and in industry.

Richard provided consultancy support to the UK's Department of Trade and Industry (which is responsible for the UK's electronic signature legislation and promotion) over the period 1998 to 2004. He was responsible for a major part of the development of the UK's independent trust service provider voluntary approval scheme (*tScheme*). He recently (2005-04) helped the Turkish Telecommunication Authority with practical operational compliance issues regarding their electronic signature supervisory scheme, and gave similar advice to the Greek government in its early strategy for developing and implementing its national scheme.

He is a voting member and active contributor of INCITS Technical Committee CS1 on Cyber Security (INCITS/CS1), the US National Body/ which provides technical Advice to ISO/IEC JTC1/SC27, the International Standards Organisation sub-committee responsible for the information security management standards family, ISO/IEC 27xxx. Richard has recently joined the management board of the US-ISMS Users' Group. He was a contracted expert to the European Electronic Signature Standardisation Initiative over the period 2001 - 2005, contributing to the development of technical standards for



the use of e-signatures within the European Member States and participation in working groups pursuing international harmonisation of certificate policies and related, including with the US' Federal PKI Bridge CA.

He was the leader and co-author of the European specification on trust service provider status-reporting requirements (the Trust-service Status List). He has experience in assessing trust services (i.e. those providing electronic and PKI-related services) and has been the co-author of European guidelines for how such services should be assessed. He has also contributed to the work of ISO TC68 (Banking and related financial services) as well as to the Asia-Pacific Economic Community's e-Signature Task Group.

During his career he has successfully managed both software and engineering departments. Richard has management skills in teams of various sizes and in differing environments and cultures. He has successfully completed a range of reviews, studies and consultancies concerning security policies, system accreditation/approval, service assessment. He applies security concepts through appreciation of overall business concerns and objectives, and consequently can contribute in wider, related project areas.

See www.Zygma.biz for additional information.



Professional Qualifications / Memberships

Richard gained a first-class degree in Computer Science at Kingston University (UK) in 1977, is a Chartered Fellow of the British Computer Society (08403658) and a Certified Information Technology Professional.

He is also a qualified Information Security Management (ISMS) Lead Auditor (BVQi Certificate IS/05/US/168) and a member of INCITS Technical Committee CS1 on Cyber Security (INCITS/CS1).

He has a working capability in spoken French (*même si un peu rouillé*) in his technical domain.

Summary of attributes:

Risk Analysis
Concept modelling
Project and Study management
Development of assurance and trust frameworks
Capable and valuable facilitator, with interactive skills
Application of Security Evaluation, Audit and Certification
Flexible/multi-domain capabilities coupled with a system viewpoint
System Security Policy and Security Operating Procedure development
Expressive communications skills in writing, orally and in formal presentations
Committed to establishing working partnerships with both colleagues and clients
Evangelistic proponent of Information Security Management practices à la ISO/IEC 27001
Ensuring that Zygma's client's information security is greater through being the sum of their parts

