



The essence

Internationally-recognized information security expert

- Z** Information Security Management specialist
- Z** IS 27001 Lead Audit Master and Trainer
- Z** Unparalleled experience in building trust and assurance frameworks (Kantara IAF, ECAF, tScheme)
- Z** Specialist in the Identity Management field
- Z** Advisor to businesses and governments in information security management, developing IT strategies, trust frameworks and assessment schemes
- Z** Voting member of INCITS Technical Committee CS1 on Cyber Security (INCITS/CS1), the US's National Body to ISO's information security techniques sub-committee
- Z** US's Technical Lead at ISO on ISO/IEC 2700x matters
- Z** Editor/Contributor to European, US, International and industry-specific standards

Current rôle

Founder and Chief Executive Officer, Zygma LLC

1993 – date

Founded Zygma in 1993 in the UK, migrating the business to Southern California in 2003, where it has since become an established part of the identity management and information security and audit scene.

Key experience

Vendor Risk Management customization

2014

Consultant

Supported a client with the updating of their risk management SaaS offering to extend its capability to be reflective of revisions to IS27001 and IS27002.

Kantara Assessments

2013 – date

Auditor

Assessed two major organization's internal identity credentialing service, finding each to be conformant to Kantara's Assurance Level 1 criteria: both services were subsequently granted Kantara Approval.

Two further assessments are under way, at ALs 2 & 3.

Supporting corporations to achieve Kantara Approval

2012 - date

Consultant

Piloted three major corporations through their preparation for Kantara Assessments, at Assurance Level 3. Assisted with planning and execution of their preparations and through the assessment process to enable them to achieve Kantara Approval.

To date all but two of the Approved Kantara CSPs have used either Zygma's assessment support or audit services.

US 'IS27001 SME' Delegate to ISO JTC1 SC27

2009 - date

Voting Member, Deputy WG1 Head of Delegation

Ongoing effort to research, author and develop original technical material for inclusion in revisions to ISO/IEC 27001, '27002 and other 27000-family standards; supporting agreed US positions with regard to revision of these standards at the ISO international meetings, as a Subject-Matter Expert (SME).

Retained security consultant to a leading Identity Services Provider

2014 - date

Consultant

Senior Security Consultant to a leading Identity Services Provider, providing input to strategy and direction with an information security and identity management perspective at the CXO level and as a member of the business' Information Security Governance Forum.

Advisor to the Kantara Initiative Identity Assurance Framework

2008 - date

Consultant

Principal architect of the Identity Assurance Framework (IAF) Service Assessment Criteria. Defined the Assessor Qualifications & Requirements and establish the necessary processes and rules for the IAF's Assurance Assessment Scheme (AAS) which both accredits assessors and certified Credential Service Providers. Assigned as a non-executive technical advisor to the Accreditation Review Board.

Review of Federal PKI Shared Service Provider compliance practices

2007 - 2008

Consultant

Reviewed the audit practices applied to Shared Service Providers (SSP) to the Federal PKI, to determine the extent to which their audit findings could be used to satisfy FPKI requirements for SSP compliance. Zyigma's report was presented to GSA managers and representatives of the SSPs involved.

U.S. Federal Public Key Infrastructure Policy and Operational Authorities

2006 - 2009

Advisor

Providing support to develop the Federal Bridge CA's towards being an ISO/IEC 27001-conformant ISMS. This involved reviewing FPKI documents for their suitability for supporting an ISMS, developing plans for the development of the ISMS infrastructure and supporting documentation requirements, and training and advising FPKI staff responsible for operating the ISMS. Additional support was given to policy development and to an ongoing redesign of the infrastructure.

PKI Deployment Review for the Government of Bermuda

2006 - 2007

Consultant

Undertook a three month study of the Bermudian PKI, reviewing its infrastructure, practices employed in other successful PKIs operated by other national governments, and creating a deployment strategy report for the Government of Bermuda, setting out various options, assessment of the interactions between the available options, and making key recommendations for deployment.

Development of tScheme

1998 - 2003

Principal Architect

Took a leading role in defining the overall concepts, approval framework, assessment criteria, accreditation and approval policies, operational procedures and guidelines through until the scheme matured into an operational plc. This activity included working with a large group of UK industry representatives and interests with the perspective of achieving impartial criteria and processes which were capable of being applied to many forms of trust services.

Education and Professional Affiliations	Z	Honours degree in Computer Science at Kingston University (UK) <i>summa cum laude</i> (1977)	
	Z	Chartered Fellow of the British Computer Society (08403658)	
	Z	Certified Information Technology Professional, recognised by the Fédération Européenne d'Associations Nationales d'Ingénieurs	
	Z	Certificated in the Governance of Enterprise IT Systems (CGEIT) as accredited by Information Systems Audit and Control Associates, Inc.	
	Z	Information Security Management Systems (ISMS) Lead Auditor (BVQi Certificate IS/05/US/168)	
	Z	Recipient of a 2012 INCITS Technical Excellence Award	

Speaking Engagements and White Papers	Z	Presented two papers at the '27K: Security Summit for the Americas' conference, Austin, TX	2015
	Z	Panel Speaker, RSA Conference, San Francisco, CA	2012
	Z	ISMS - A new paradigm for ISO 27001 Annex A	2011
	Z	ISMS - Fast-Track ISMS Implementation & Certification	2006
	Z	Policy, regulatory and standards conformity through an ISMS	2006
	Z	FISMA & ISMS Alignment	2006
	Z	The Melton Mowbray Assessment	2006
	Z	ISMS - a comparison of HIPAA and the ISO/IEC 27000 series of standards	2005
