



Dr John Leach

Personal Details

Date of Birth: 21st July 1956

Education: BA Natural Sciences, Christ's College Cambridge, 1977
MA Advanced Mathematical Studies, Christ's College Cambridge, 1978
MA Natural Sciences, Christ's College Cambridge, 1979
Ph.D. Astrophysics, Stanford University, California, 1983

Years in Info. Sec. 30+

Experience and expertise

I am a nationally-recognised Information Risk, Privacy and Security expert with over 30 years' experience. I provide strategic advice and assistance at all levels to blue-chip clients, helping them build information security strategies, programmes and solutions that support their business' objectives and sustain success.

I have a strong technical background (including a science Ph.D.) plus an enormous wealth of experience designing security solutions and running or contributing to security projects. This enables me to work within complex and technological environments helping top-level security and business management address pressing security needs. I can communicate the rationale, value and benefits of security programmes to C-level business management, design security programmes in response to governance and business objectives, and deliver improved security management processes, controls and tools.

As demonstration of the breadth of my experience, I have, for example:

- ♣ Co-authored a report on the business case for protecting people's privacy for the UK ICO;
- ♣ Developed a framework showing all the user security policies a client required and then developed all the policies, supplements and guidance documents needed to populate that policy framework;
- ♣ Developed the techniques and undertaken the analysis for showing, based on real-life data, the relative financial benefits to customers of competing security management services;
- ♣ Developed a set of over 40 security risk metrics that provided actionable measurements for one of the largest banks in the world.

I bring extensive and deep experience and skills to all the roles I fulfil and projects I undertake.

I have worked for clients across most sectors of industry though my experience is predominantly with national and international financial organisations and technology services providers. I have presented at numerous national and international conferences on a wide variety of subjects. I have delivered numerous training courses and workshops for clients, from introductory courses on information security through to a detailed description of the workings of the DES and RSA cryptographic algorithms. I was an active member of the Management Committee for the Information Assurance Advisory Council (www.iaac.org.uk) from May 2002 through to March 2011, and led IAAC's widely-acclaimed research programme for five years. I am also a member of the International Board of Referees for *Computers and Security*.



Examples of my experience and expertise

I have, over the years, worked for a huge range of clients, including:

Allied Irish Banks	Barclays Bank	BAT
BP	GSK	HSBC
Home Delivery Network	ING Bank	The UK ICO
MAN	Medtronic	MessageLabs
The MoD	NatWest Bank	NFU Mutual Insurance
Rabobank International	RBS	Reuters
Royal Mail Group	SWIFT	VISA

In that time I have worked on an enormous range of projects, including:

- ♣ Devising and helping to take forward a multi-million pound Security Improvement Programme for a multi-billion dollar turnover company.
- ♣ Directing a multi-national team providing eCommerce strategy and implementation assistance to a global company, plus provided strategic PKI expertise.
- ♣ Designing security risk metrics that provided actionable risk measurements for one of the largest banks in the world.
- ♣ Developing a complete suite of information security policies for a UK services company.
- ♣ Designing and developing security governance, risk assessment and risk management methodologies for a variety of companies.
- ♣ Developing RFIs, RFPs, evaluating supplier responses and helping with final selection for a variety of security service and product procurements.
- ♣ Providing project management and subject matter expertise to a PCI-DSS implementation project for a UK services provider.
- ♣ Developing a Global Security Framework for an international company.
- ♣ Developing a Logical Access Control Framework for an international company.
- ♣ Developing a security monitoring service model for an international company.
- ♣ Assisting with PKI strategy development for a number of international companies.
- ♣ Developing numerous threat and risk models for UK and international companies.
- ♣ Calculating the security added-value of a managed IT service and helping develop marketing materials.
- ♣ Undertaking strategic reviews of network security and encryption requirements and possible solutions for two UK public sector bodies.
- ♣ Working on the analysis and development of various open and proprietary payment schemes and protocols.
- ♣ Directing and undertaking Information Assurance and Identity Assurance research for the IAAC.