

Internet of Things CoE Executive Leadership Group Biographies

Nic Holt, FBCS CITP CEng

Nic joined ICL in 1968 and has worked for the company, now **Fujitsu**, throughout a varied career, during which he has gained expertise in a wide range of IT fields, including hardware design and architecture, software engineering, business and technical architecture.

In his role as a Systems Architect, Nic is responsible for devising coherent solutions that balance the vision and aspirations for clients' businesses with the "art of the possible" – technical feasibility, cost, timescales, risk and flexibility – whilst recognising organisational, human and cultural aspects, often critical to success.

For the last six years Nic has been the Enterprise Architect and CTO for a major government IT and business change programme whose benefits include effective information sharing and agile collaboration in a controlled setting. In this role Nic works closely with client staff and their business partners at many levels, including senior business and technical decision-makers, and also with Fujitsu's delivery partners.

An outstanding innovator, Nic is a named inventor of 11 patents. He has participated in numerous collaborative research projects between industry and academia, notably in novel architectures and parallel processing. He has been active in promoting new programs to support emerging areas of research, most recently in complexity theory. He has served as a Visiting Professor at both Glasgow and Manchester Universities.

Nic is a Fellow of the Royal Academy of Engineering, a Chartered Engineer and Fellow of the British Computer Society. He participates actively in the work of these professional bodies, serving on many working groups, advisory panels and boards. He has co-authored several reports and publications, most recently on topics including information security, privacy and critical systems.

Stephen Pattison

Stephen Pattison is VP Public Affairs at **ARM**. He is responsible for ARM's involvement with and contribution to policy and government thinking across the world. Prior to joining ARM, Stephen was CEO, International Chamber of Commerce UK, where he represented the interests of a range of companies and focussed on various policy and international trade issues. Before that he worked for James Dyson as Head, International Business Development, where he introduced new products into new markets as well as accelerating growth in existing markets. He was once a British Diplomat, working at the British Embassy in Washington, and as Director, International Security at the Foreign Office in London. Educated at the Universities of Oxford and Cambridge. Stephen also spent 2003-4 at Harvard as a Fellow in International Affairs.

Kevin John Dean BSc. FBCS FRSM MRI

Managing Director, Smart Health Science Limited, former Managing Director of Connected Health for the **CISCO Internet Business Solutions Group**.

Kevin has experience in numerous aspects of health IT strategy and execution, especially in large-scale programs at the leading edge of health knowledge and information use. He has developed countrywide IT strategies for some of the world's largest and most innovative healthcare and provider organizations. Kevin is an advisory member of many program boards, including NHS Direct, the NHS Institute for Innovation & Improvement, and the National Institute for Clinical Excellence (NICE). He also has extensive experience outside the United Kingdom, working with his team to support projects throughout the European Union and with the European Commission and World Health Organization (WHO).

Kevin has a BSc (Hons) in engineering science and management from Durham University in England. He has been involved in the healthcare and pharmaceutical industry since the early

1990s, working in procurement, supply chain management, and large systems implementations.

Kevin edited and introduced a collection of essays from leading health IT thinkers (*Thought Leaders: Connected Health*, published in December 2003), which set out ideas, lessons, and opportunities for networked healthcare based on real experience. Among many other published pieces, Kevin also edited and contributed to a white paper on the use of grid technology in healthcare, jointly published with the HealthGrid Association, in 2004.

Alexandra Deschamps-Sonsino is an interaction designer, product designer, **entrepreneur** & speaker based in London. She has been building consumer-facing internet of things products, services and communities since 2006 for clients such as BBC R&D, Nokia, British Gas, EDF, BT and others.

She is the founder of the [Good Night Lamp](#), a family of internet-connected lamps. She was co-founder and CEO of [Tinker London](#), the first distributor of the Arduino platform in the UK that ran workshops around the world and offered design and consultancy services to global clients.

She runs the [London Internet of Things meetup](#) for [Xively](#) since 2011. Her work has been exhibited at the Museum of Modern Art in New York, the Victoria & Albert Museum and galleries around the world. She has a B.A.Sc. in industrial design from the Université de Montréal and an M.A. in Interaction Design from the Interaction Design Institute Ivrea.

Ian Fish, FBCS CITP

A highly experienced **consultant** with a wide range of capability in the analysis of organisational complexity and the synthesis of effective organisational solutions. Much of this work has been in the risk domain and has ranged from the determination of strategic risk for large enterprises through the examination of resilience in the face of external and internal risk, to detailed implementation of solutions for corporate security, business continuity, disaster recovery, emergency and crisis management. Over the same period consultancy designed to produce improving change in complex organisations has been a major theme. Finally, Ian has operational level expertise in all of the above areas and also in training design and delivery, business modelling, requirements capture and management, and production of procurement documentation for major projects.

Ian has a high profile in the information assurance and governance area of the work of BCS, the Chartered Institute for IT, including providing substantial contributions to BCS positions on information privacy, information governance, ethics and skills and knowledge requirements for information assurance. He is one of a small team representing BCS, on identity assurance issues both in UK and at the UN Internet Governance Forum. Ian also sits on the best practice committee of the BCS Membership Board.

Rick Chandler, FBCS

Rick has over 35 years broad experience in both the Vendor and User sides of the ICT and Telecommunications Industry where he has held Board level positions in several national companies.

He also worked as a consultant in National and Regional Government e.g. on Home Office Infrastructure Development Board, some departments of the DTI and as IT Integration Manager for Berkshire County Council. He was also co-opted to the UK Government advisory panels for ID Cards.

In the 1970's Rick worked on the first secure Digital Wireless technology for Military customers and has had a particular interest in mobile working since then. In 1984 as Technical Director for the UK's largest PC Retail chain he was asked to give the keynote at

the first UK conference on Mobile Computing. The research he did for that has been a mainstay of his career and the vision still holds good today as the effect of mobility and connected devices on lifestyle as well as business vastly exceeds those early expectations. Rick joined his last employer, BT, in 2000 to lead a team building the Genie platform for BT Cellnet (now O2) and while maintaining his wireless and mobility specialism expanded into security through various roles with the company.

Some relevant highlights include.

- He has been active in networking “things” together for decades be it through satellites in space in the 70’s, tanks on a firing range in the 90’s, to crops in fields 3 years ago. He has undertaken this work for Government, Pharmaceutical, Healthcare, Industrial, Telecommunications, retail and many other kinds of organisations.
- He has led teams designing and building the infrastructure for mobile operators in 3 countries.
- He has a visiting Professorship in nano-electronics telecommunications which is ideal technology for embedded sensors. (Working on optical data delivery to processor chips).
- He has led Mobile Location and Geolocation projects for the EU and Galileo.
- He regularly speaks at Government and industry events on the topic e.g. Trust in a Digital World at the European Commission in March 2013 and Digital Enterprise Europe in June 2013 soon Mobile World Congress Barcelona February 2014.
- He consults and writes articles on the topic in both UK and USA
- In his last job at BT, he was in a CISO role covering all aspects of security including wireless and networks for 723 industrial sites around the world (including many thousands of wirelessly connected sensor devices).
- He is representing CMA at the Digital Policy Alliance group currently working on Government briefing papers on IoT and Mobile Security and has been complimented on his input.
- He encouraged one of his BCS mentees to take part in the recent TSB Future Cities competition through which he won £96k. They are currently working together to deliver it and compete for a further £1M next year.
- In addition to being CMA Chairman, he is active in BCS on the Management Board Finance Committee, ELITE Committee (past Treasurer) together with the BCS Entrepreneurs, IAAC and CyberSecurity.

In addition to his activities in BCS and the board of EEMA, he is also a Member of the Chartered Institute of Management and several Industry associations. He is a regular conference speaker and judge of international awards which continues to maintain his breadth of industry awareness.