

## **Professor Emeritus William J (Bill) Caelli, AO**

**BSc (Hons) N'cle, PhD (ANU),**

**FACS, FTICA, Fellow of (ISC)<sup>2</sup>, CISM (Hon), Sen. MIEEEE**



Prof Bill Caelli is a **Senior Consultant** and **Director** of **International Information Security Consultants (IISEC)** (See: <http://www.iisec.com.au>) and **Professor Emeritus / Adjunct Professor** in the **Information Security Institute (ISI)** at the **Queensland University of Technology (QUT)**, Brisbane, Queensland, Australia (See: <http://www.isi.qut.edu.au>). In 2005 the ISI incorporated QUT's **Information Security Research Centre (ISRC)**, a research centre of which he was the **Founding Director** in 1988. He is a member of the **"IT Security"**, and chairs the **"Futures"**, Expert Advisory Groups (EAG) of Australia's **Critical Infrastructure Advisory Council (CIAC)** established under the Australian Government sponsored **Trusted Information Sharing Network (TISN)** (See: <http://www.tisn.gov.au>). He also serves on the advisory board to Australia's **AISEP** (Australian Information Security Evaluation Program) which involves the security accreditation of information technology products and systems under the international **"Common Criteria"** (IS 15408). He has been a

member of IFIP's Technical Committee 11 (Information Security) since 1984 and is a Board Member of the USA's **Colloquium for Information Systems Security Education (CISSE)** and a co-director of its Asia-Pacific affiliate (**CISSE-AP**).

He has over 44 years of experience in the ICT industry, with over 33 years involvement in information security and cryptography, including the provision of extensive consultancy services to both the public and private sectors in Australia and internationally. He co-founded **ERACOM Pty Ltd** in 1979, a company that developed and marketed advanced, integrated cryptographic systems and information security products around the world. These products and systems particularly addressed the information security needs of the banking and finance industry. The company was purchased by SafeNet Inc of the USA in 2005.

In 2007 he was made the **world's first Fellow of (ISC)<sup>2</sup>**, and also received the *"William Hugh Murray Founders' Award"* from the CISSE *"for his outstanding contribution to information assurance education"*. He is a **Fellow of the Australian Computer Society (ACS)** and the **Institute for Combinatorics** as well as being a **Senior Member of the IEEE**. He is an **Honorary CISM** of ISACA. In 2002 he was presented with the *Kristian Beckman Award* by IFIP's Technical Committee 11 for his international work in information security. He received the *Pearcey Medal* in September 2002 for his lifelong work in and contributions to the ICT industry. Computerworld Australia has designated him as a **"Computer Pioneer"** and Business Review Weekly (BRW) has nominated him as one of Australia's **"Top100 Smart"** people.. In Queensland, he received *"The Queensland Premier's Individual Contribution Award"* in 2000.

He was made an **Officer in the Order of Australia (AO)** in the January 2003 Australia Day honours list for his services to the ICT industry and education/research in information security.

He received his PhD from the **Australian National University (ANU)** in Nuclear Physics in 1972. Professor Caelli's research and education interests lie in trusted computer systems and networks, cryptography and its integration into systems as well as in the legal, social, historical, policy and political aspects of information security and, in general, development of the ICT industry and related matters. He has had a long entrepreneurial interest, and real experience, in the development of the ICT industry, particularly in Australia as well as acting as a technical due diligence consultant in business acquisition and development activities internationally.

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