

Monday, 2 November 2009

5:30 for 6:00 pm - concluding by 7.30 pm

Engineers Australia Auditorium Gnd Flr

8 Thomas Street, Chatswood

***The Role and Development of System Engineers*
*A Defence Industry Perspective***

Recently the Defence Material Organisation chief, Dr Stephen Gumley, said (The Australian Financial Review 3 July 2009) that with 80 percent of the government's war fighting assets to be replaced or upgraded over the next 15 years, the Defence industry would need to recruit an extra 5000 people over the next five years, particularly those with system integration and engineering skills. The NSW Chapter of The Australian Society for Defence Engineering recognises that this is a huge ask of our engineering base particularly when the role of system engineers, their skill set and the required competencies are not well enunciated or understood, even within the engineering community. Thus, the Committee has sought the assistance of one of Australia leading Defence companies to provide its insight into the role of Defence system engineers, the skills and competencies they require and how they are developed and acquired. We are most fortunate that a most eminent speaker, Dr Terry Stevenson, has agreed to share his ideas with us on this increasingly important aspect of Defence engineering.

Presenter:

Dr Terry Stevenson
Chief Technology Officer
Raytheon Australia

As Raytheon's Chief Technology Officer, Terry is responsible for the introduction of new technology, research and development, and the execution of all aspects of engineering across the business enterprise. This includes the development of engineering skills and processes to meet the changing needs of the Business Units.

Prior to joining Raytheon Australia, Terry was Technical Director of Boeing Australia for over six years and before this he was with Stanilite Electronics for three years, initially as the Data

Communications Manager and then Group Engineering Manager. He also ran his own consultancy while on the staff of the University of Technology, Sydney for a period of six years.

Terry graduated from the New South Wales Institute of Technology with a Bachelor of Electrical Engineering degree and from the University of Technology, Sydney with a Doctorate in Telecommunications. More recently he completed an MBA through Queensland University of Technology. He is also an adjunct professor at both the University of Queensland and the Queensland University of Technology.

Over the last five years he has been actively involved in the Venture Capital industry, promotion and support of small-to-medium enterprises, and the development of creative skills in young engineers. He currently sits on a number of business and academic advisory boards. Research interests include, systems, complexity and creativity. He also holds a joint international patent in Spread Spectrum communications.

For those with an interest in the role of systems engineering in Defence engineering this is a unique presentation by an eminent speaker which should not be missed.

For Further information please Contact :

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