Keynote Address-2:
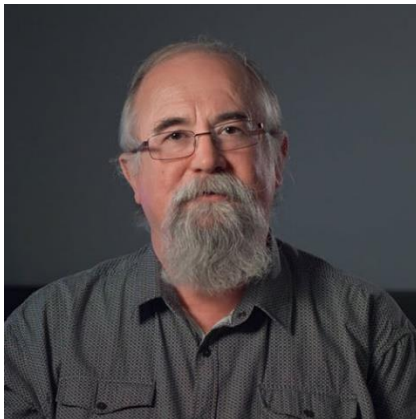## Securing critical infrastructure and the IIoT

Prof. Iain Murray
John Curtin Distinguished Professor,
School of Electronic Engineering, Comp and Math Sci (EECMS), Faculty of Science and Engineering
Curtin University, Australia

Abstract:

With the advent of the IoT and its application in industrial settings, there is a significant gap in security policy and implementation as data traverses the traditional Operational Technology (OT) infrastructure and into the IT space. Data gathered in the OT environment now needs to traverse the corporate network to decision makers opening up an array of security and compatibility issues that need to be addressed to keep our critical infrastructure safe.

Speaker Biography:

John Curtin Distinguished Professor Iain Murray AM received his B.Eng (Hons) in Computer Systems Engineering in 1998 and his PhD titled "Instructional eLearning technologies for the vision impaired" in 2008, both at Curtin University. He has worked in the field of assistive technology for nearly 30 years both as a practitioner and researcher. Currently employed as Deputy Head in the School of Electrical Engineering, Computing & Mathematical Sciences, his research interest include; learning environments for people with vision impairment, embedded sensors in health applications, the Internet of Things and assistive technology. He founded the "Cisco Academy for the Vision Impaired" in 2002 to deliver ICT training to vision impaired people globally. He has supervised 19 research students' completions and published in excess of 140 peer reviewed articles in the fields of IoT, engineering education and assistive technology. He is a Member of the Order of Australia, Fellow of the Australian Computer Society, Curtin Academy Fellow and a senior member of the IEEE.