



Vendor response to control system cyber security

This panel highlights the fact that vendors are responding to the need to provide cyber security in control system environments. Four vendors will present for 10 minutes each on their company's stance and activities on cyber security, with 15 minutes at the end for the audience to ask the panel questions. The four vendors are split into two groups:

1. **Schneider Electric** and **Siemens**: vendors who have existed for a long time and who have had to adapt to the new need for cybersecurity; and
2. **Claroty** and **Waterfall Security**: vendors who exist because the need for cybersecurity in control systems exists.

Chair: Kenneth Radke

Panellists:

Luke Wildman

Dr Luke Wildman is the Siemens Mobility Australia Key Expert for RAMSS: Reliability, Availability, Maintainability, Safety, and Security.

Luke's background includes security product development for Australian Defence, RAMSS Engineering in Software and Hardware R&D for Rail, and the Systems Assurance Manager at Siemens Mobility.

Over the last 10 years Luke has been involved in the Assurance of Safety and Security for various products and projects. These includes Vandal-resistant train-stops, Safety-related Operational Train Control software, and Safety-Critical Signalling Interlocking and Automated Train Protection systems, as well as Mainline and Metro Railway projects applying these products.

Increasing digitalisation and modernisation of the Railway sees Luke increasingly occupied with software-intensive and communications-based systems and the cyber-security aspects for product development and project delivery.

Peter Clissold

Peter Clissold is responsible for the Cyber Security services offering in Pacific and is considered one of our thought leaders on Industrial Cyber Security. As an Electrical engineer, Peter has been involved in industrial automation, networking and software architectures for 22 years. More recently Peter has focused his attention on securing industrial systems and helping organisations to improve the security and safety of their operational assets.

Patrick McBride



Patrick McBride is the Chief Marketing and Chief Strategy Officer of Claroty. Prior to joining the company, he was the Vice President of Marketing and Communications at iSIGHT Partners (now FireEye). At iSIGHT Partners Mr. McBride was responsible for defining the global threat intelligence market and was a key advocate for security professionals shifting from attack response to proactive preparation. Before iSIGHT Partners, Patrick led global marketing at privileged identity management company, Xceedium Inc. Previously, he co-founded and served as the CEO of META Security Group, a security and compliance software and consulting company, and was a Senior Vice President of META Group (now Gartner), where he led the Global Research Team's network security and IT operations practice. With nearly three decades of experience in cybersecurity, Mr. McBride is frequent speaker at industry events. He holds a BS in Management and an AS in Computer Programming from Keene State College.

Andrew Ginter

Andrew Ginter is the VP Industrial Security at Waterfall Security Solutions, leading a team responsible for industrial cyber-security research, contributions to standards and regulations, as well as security architecture recommendations for industrial sites. Before Waterfall, Andrew led the development of technology products for SCADA systems, IT/OT middleware, and ICS cyber security. He holds patents in the fields of IT/OT integration and ICS cyber security, is a co-author of the Industrial Internet Consortium Security Framework, the author of SCADA Security – What's broken and how to fix it and the author of The Top 20 Cyberattacks on Industrial Control Systems. He is the co-chair of the ISA SP-99 working group updating the ICS Security Technologies report, and a frequent contributor to ICS cyber-security standards and post-secondary curricula. Andrew holds B.Sc. AMAT and M.Sc. CPSC degrees from the University of Calgary.