



# 2018 ECL ICS CYBER SECURITY SUMMIT



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ECL is pleased to announce the 2018 ECL Industrial Control Systems Cyber Security Summit.

Come along to engage with experts in ICS Cyber Security.

Topics will be relevant to:

- Industrial Control System Engineers, Team Leaders and Managers
- ICS Cyber Security Engineers
- IT personnel responsible for Cyber Security in industrial facilities



## THE 2018 ECL ICS CYBER SECURITY SUMMIT WILL INCLUDE PRESENTATIONS FROM:

- Neil Royale  
Industrial Cyber Security BDM,  
Honeywell Process Solutions
- Gary MacDonald  
Senior Control Systems Engineer,  
Shell Taranaki Ltd
- Gavin Dilworth  
ICS Cyber Security Engineer,  
Engineering Control Ltd
- Steven Armitage  
SANS Countries Director for  
Australia and New Zealand
- Engagement Manager  
National Cyber Security Centre,  
GCSB/NCSC

In addition, a Q&A panel will give attendees the opportunity to ask experts about ICS Cyber Security in an open forum.



## DETAILS

**Location:** The Quality Hotel  
Plymouth International,  
Cnr Courtenay & Leach St,  
New Plymouth

**Date:** Thursday 2nd August  
**Time:** 12:30pm to 4:30pm  
followed by drinks and  
nibbles.

**Entry:** FREE

### REGISTER HERE:

<https://icscyber.eventbrite.com>

### FOR MORE DETAILS CONTACT:

[cyber@ecl.co.nz](mailto:cyber@ecl.co.nz)

SPONSORED BY



**12:30PM**

Doors Open

**12:50PM**

Opening Address

**1:00PM | SPEAKER 1**

**Addressing cyber security risk in your industrial environment**

*Neil Royle – Industrial Cyber Security BDM, Honeywell Process Solutions*

With over 50% of cyber vulnerabilities being discovered within the industrials sector during 2017, it should be of no surprise that over 50% of cyber-attacks globally are targeted towards industrial control systems. Honeywell discuss some of the key challenges faced by the industry today and how these can be addressed through a pragmatic, step by step approach to developing a cyber security strategy that enables industrials to enjoy the upside of connected plants while minimising their cyber risk.

**1:30PM | SPEAKER 2**

**Shell Taranaki Approach to PCD-IT Security**

*Gary MacDonald – Senior Control Systems Engineer, Shell Taranaki Ltd*

Working in the Gas and Oil industry, Shell are very familiar with asset integrity and the steps taken to maintain primary containment of hydrocarbons. PCD Cyber security is much the same. In this presentation Gary will talk about the Shell Taranaki approach to ICS cyber security including management, policies/philosophies and use of technology to keep hackers and viruses out of the system while maintaining optimal operations and system integrity.

**2:00PM | SPEAKER 3**

**Attacking the ICS, a Demonstration**

*Gavin Dilworth – ICS Cyber Security Engineer, Engineering Control Ltd*

In this live, practical demonstration, Gavin will demonstrate how easy it can be to compromise an industrial control system. He will also show how mitigation strategies such as patching, anti-virus, implementing firewalls or other technology can reduce risk by reducing the likelihood and/or consequence of a compromise.

**2:30PM**

Afternoon Tea

**3:00PM | SPEAKER 4**

**SANS Institute Training, Certification and ICS Security**

*Steven Armitage – SANS Countries Director for Australia and New Zealand*

Steven will provide an overview of the SANS ICS Security Initiative and the wealth of resources and opportunities it has made available to ICS professionals around the globe. The presentation will highlight the SANS ICS Security Library, Webcasts, Summit Archives, blogs and videos and provide an overview of the cutting-edge training and certification programs that are underpinning the security capability of many of the world's energy, utilities and critical infrastructure organisations.

**3:30PM | SPEAKER 5**

**National Cyber Security Centre (NCSC) Overview**

*Engagement Manager, NCSC*

The NCSC in partnership with the New Zealand Control Systems Security Information Exchange (CSSIE) group has developed the NCSC Voluntary Cyber Security Standards for Industrial Control Systems to recognise and address cyber security risks associated with the operation of ICS technologies in NZ. A representative from the NCSC will talk about the NCSC, an overview of their function in relation to the GCSB and industry as well as general areas of concern for ICS in NZ.

**4:00PM**

**Q&A PANEL**

*Facilitator: Peter Jackson, ICS Cyber Security Engineer, Engineering Control Ltd*

For our final session, we bring together several experts to answer any questions the attendees may have regarding ICS Cyber Security and discuss the future of ICS Cyber Security in NZ and around the world.

**4:30PM**

**CLOSING DRINKS**

An opportunity for attendees to socialise with experts and industry peers.

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