

5th Cyber and SCADA Security for Oil & Gas Industry 2018



Shifting from 'what to do' approach to 'how to make your cyber assets more secure'

14th – 16th of March 2018
Amsterdam, The Netherlands

SPEAKER PANEL

Philippe Puyou-Lascassies
CISO
TIGF
France

Gabor Szabo
Head of Cyber Defence
Mol Group
Hungary

Mo Ahddoud
CISO
Scotia Gas Networks
UK

Thinh Vu
CIO
North Energy
Norway

Andrea Vallavanti
ICT Manager
OLT - Offshore LNG
Italy

Arnold Schuur
Network & Security Engineer
Gasunie
The Netherlands

Arnold de Jong
Senior Consultant
WIB Process Automation
Users' Association
The Netherlands

Tomi Pitkanen
Head of ICT Security
Neste
Finland

Dr. Thorsten Henkel
Division Director Industrial
Security Solution, Director
Industrial Test-Laboratory,
Business Area Responsibility for
Industrie 4.0
Fraunhofer - Institute
for Secure Information
Management (SIT)
Germany

Stephen Smith
Cyber Security Risk
Management
Industrial Cyber Security
Center (CCI)
Belgium

Patrick Lienart*
Head of Cybersecurity for
Industrial Control Systems
TOTAL Refining & Chemicals
France

Workshop Leader

Ralph Moonen
Technical Director
Secura
The Netherlands

Topics to be addressed

- **Hacking and penetration testing**
- **Evolution of cyber security ICS**
- **Cyber Security - legal challenges for critical Infrastructures**
- **Convergence of IT and OT?**
- **Mixing IT & OT analysis for a better cyber incident detection on industries**
- **The New Era - Industrial Cyber Defence**
- **Managing inside threats**
- **Dealing with human factors: security awareness trainings & setting up of Security Operations Centres (SOC)**
- **Addressing the Skills Gap**
- **Securing SCADA and Process Control with a Defense-in-Depth security model**
- **Self-learning autonomous IT - Security Tracking of Production Environments**
- **Managing supply chain security risks**

Benefits of attending

- Meeting selected **senior decision-makers** from IT, ICT & Information Security divisions of leading global **Oil & Gas** companies
- Learning from the selected examples of **practical approaches**
- Knowledge and expertise **exchange**
- Direct **networking** with industry decision makers in a **business - friendly** environment

MEDIA PARTNERS



* Subject to final confirmation

5th Cyber and SCADA Security for Oil & Gas Industry 2018



14th of March

14th – 16th of March 2018
Amsterdam, The Netherlands

INTERACTIVE WORKSHOP Led By Secura

15:30 Registration & Welcome Coffee 

16:00 Opening Address from the Workshop Leader

Ralph Moonen
Technical Director
Secura, The Netherlands

*Topic is subject to final confirmation

HACKING AND PENETRATION TESTING

16:10 **SCADA penetration tests and vulnerability assessments**

- Penetration testing techniques
- Validation of gaps in security processes
- SCADA data quality assurance
- How much does it cost

18:00 Closing Remarks from the Workshop Leader,
Coffee & Networking 

Prospero Events Group produces and organizes business conferences for the Energy industry in Europe.

Our Mission

Our mission is to provide our clients with the opportunity to exchange strategic information.

We are committed to producing innovative and industry tailored conferences dedicated to helping you achieve business excellence and gain the competitive advantage.

Our service is about bringing the right people at the same time and place in order to create an opportunity to do business and exchange knowledge through quality business networking with industry top decision makers.

5th Cyber and SCADA Security for Oil & Gas Industry 2018



15th of March
Conference Day One

14th – 16th of March 2018
Amsterdam, The Netherlands

8:30 Registration & Welcome Coffee  

9:00 Opening Address from the Chairman

LEGAL & REGULATORY REQUIREMENTS

9:10 **Cyber Security - Legal Challenges for Critical Infrastructures ***

- Legal framework - looking at the Present and Future Legal Considerations for establishing a Resilient Cyber Security Policy
- Outline practical consequences for corporate governance and procedures
- Legislations in various countries

Patrick Lienart

Head of Cybersecurity for Industrial Control Systems
TOTAL Refining & Chemicals, France

ENTERPRISE CYBER THREAT MANAGEMENT

9:50 **The convergence of IT & OT?**

- Is it time to rethink security
- How to integrate IT & OT Security
- Responsibility sharing

Mo Ahddoud

CISO

Scotia Gas Networks, UK

10:30 Coffee and Networking Break 

11:00 **Managing inside threats**

- Identifying the threats
- Preventing attackers for exploiting the human factor to protect enterprise's intellectual property
- Board oversight and enterprise wide awareness programs
- Ways to protect and prevent data breaches

Think Vu

CIO

North Energy, Norway

CYBER DEFENSE & SECURITY OPERATION CENTERS(SOC'S)

11:40 **Mixing IT & OT analysis for a better cyber incident detection on industries**

- Various proofs that OT system are the target of criminal organisations
- in the context of a distributed network operator, it is necessary to address not only the conventional IT infrastructure but also to have the capabilities to extract useful information from PLC and other specific devices (e.g. RTU) that directly drive physical processes
- Implement a SOC enabling the detection of incident that may affect an industrial environment correlating IT & OT events
- Organisational aspects

Philippe Puyou-Lascassies

CISO

TIGF, France

12:20 Lunch Break 

13:20 Coffee and Networking Break 

14:00 **The New Era - Industrial Cyber Defense**

- Overview of a Cyber Defence concept with focus on its mission, domains and processes
- Adaptation to Industrial Cyber Defence highlighting Industrial Cyber Incident Detection and Response
- Transformation to effective IT & OT Cyber Defence via alignment with coherent processes

Gabor Szabo

Head of Cyber Defence

Mol Group, Hungary

14:40 **Dealing with human factors: security awareness trainings & setting up of Security Operations Centres (SOC)***

- Board oversight and enterprise wide awareness programs
- Preventing attackers for exploiting the human factor to protect enterprise's intellectual property
- Deploying security control systems to monitor sensitive information leaked out of the organisation
- Building the virtual security operation centre - Understanding overall architecture

Tomi Pitkanen

Head of ICT Security

Neste, Finland

15:20 Coffee and Networking Break 

16:00 **Panel Discussion**

Addressing the Skills Gap

- How organisations are addressing the skills gap?
- Developing a cyber security mindset that creates awareness in the everyday process for personnel
- Getting the support at board level make effective changes?
- Cooperation between universities and oil & gas industry

16:40 Closing Remarks from the Chair & Wrap up of Day One

16:50 **Cocktail Reception**



* Topic subject to final confirmation

Booking Contact: Reda Bernard tel:+420 255 709 505 fax:+420 255 709 599 email: redab@prosperoevents.com

5th Cyber and SCADA Security for Oil & Gas Industry 2018



16th of March
Conference Day Two

14th – 16th of March 2018
Amsterdam, The Netherlands

8:30 Registration & Welcome Coffee  

9:00 Opening Address from the Chairman

TACKLING ICS & SCADA SECURITY ISSUES

9:10 **Securing SCADA and Process Control with a Defense-in-Depth security model**

- Policies, security awareness and training
- Network segmentation and system hardening
- Vulnerability scanning and patch management
- Intrusion detection and Incident response

Arnold Schuur

Network & Security Engineer

Gasunie, The Netherlands

9:50 **Incident reporting & response management**

- Trainings to encourage collective response
- Reaction planning & implementation steps
- Developing information plans for reacting to cyber incidents
- How to effectively plan and implement technical security measures, active monitoring systems and regular threat assessment
- Establishing internal emergency response teams and technologies
- Incident evaluation

Andrea Vallavanti

ICT Manager

OLT - Offshore LNG, Italy

10:30 **Business Card Exchange and Coffee Break**  

Opportunity for the participants to share their contact information with each other dedicated specifically to strengthening business connections with the industry peers

11:00 **Self-learning autonomous IT-Security Tracking of Production Environments**

- How AI and machine learning are automating advanced threat detection
- Pre-empting emerging threats across both IT & OT
- Better resource allocation and lower risk opportunities

Dr. Thorsten Henkel

Division Director Industrial Security Solution, Director Industrial Test-Laboratory, Business Area Responsibility for Industry 4.0

Fraunhofer - Institute for Secure Information Management (SIT), Germany

11:40 **Panel Discussion**

Future of ICS and SCADA systems cyber protection

- Rapid growth of the internet, digital control systems and wireless device connectivity has changed the landscape of way things operate
- Optimizing critical infrastructure for the next-generation work load
- Expanding on machine learning and big data
- Limitations to IT centric approach

12:20 **Lunch Break** 

13:20 **Coffee and Networking Break** 

MANAGING SUPPLY CHAIN RISKS

14:00 **OT security – Closing ranks**

- IEC62443-2-4 make it clear.
- Identifying the differences.
- Closing the cap between suppliers and end users

Arnold de Jong

Senior Consultant

WIB Process Automation Users' Association, The Netherlands

14:40 **Managing supply chain security risks**

- Tender process
- Project phase
- Maintenance phase

Stephen Smith

Cyber Risk Assessment Consultant

European Corporate Security Association (ECSA), Belgium

15:20 **Closing Remarks from the Chair & Wrap up of Day Two**

15:30 **Afternoon Coffee and Networking** 

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5th Cyber and SCADA Security for Oil & Gas Industry 2018

Prospero Events Group: PEG Europe Ltd
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14th – 16th of March 2018

Amsterdam, The Netherlands

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fax: +420 255 709 599

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CONFERENCE: 5th Cyber & SCADA Security for Oil & Gas industry 2018
DATES, VENUE: 14th - 16th of March 2018, Amsterdam, The Netherlands

5th Cyber & SCADA Security for Oil & Gas Industry 2018

brings together information technology experts from European leading Oil and Gas companies to exchange their knowledge, expertise, challenges and best practices. The focus is on critical questions of information security and cyber threats, SCADA and mobility effects; discussing the latest EU legislative updates, advanced external & internal cyber threats, analysing available counter-measures and the costs. The event will serve the attendees as a platform to gain a cost-reducing advantage from a shared proven knowhow of experts through practical business-friendly networking.

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 2 DAY CONFERENCE €3395+VAT
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Amsterdam, The Netherlands

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