

SMi present their 4th annual conference on...

# Oil and Gas Cyber Security

24th & 25th  
**NOV**  
2014

Marriott Regents Park Hotel, London, UK

## NEW 2014 SPEAKERS INCLUDE



**Avtar Sehmbi**, Head, Information Security & Risk Management, **Centrica**



**Graham Wright**, Chief Information Security Officer & Head of Digital Risk, **National Grid**



**Troels Oerting**, Head, European Cybercrime Centre, **Europol**



**Chris Gibson**, Director, Computer Emergency Response Team (CERT) UK



**Mounir Kamal**, Incidents Handling and Digital Forensics Manager, **O-CERT**



**Faheem Siddiqui**, Group Information Security Manager, **Petrofac**



**Alessandro Marzi**, ICT Manager Security Standards & Architecture, **ENI**

## CHAIRMAN



**Chris Hankin**, Director, Institute for Security Science and Technology, **Imperial College London**



**Martin Smith**, Chairman and Founder, **The Security Awareness Special Interest Group**

## WHY ATTEND THIS EVENT:

- Hear from operators including **Centrica, National Grid, ENi, Petrofac and Tullow Oil**
- Understand how **government organisations** can support efforts against attacks
- Watch live demonstrations to understand **where attacks are targeted**
- Discuss how **social engineering** should be the key focus in **projecting your networks**
- What are the latest developments and technology you can use for on **SCADA attacks**
- Recognise new, key, **regulations and legislation** that affects your operations

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**PLUS AN INTERACTIVE HALF-DAY POST-CONFERENCE WORKSHOP**  
Wednesday 26th November 2014 Marriott Regents Park Hotel, London, UK

**Legal Aspects for Cyber Security**

8.30am – 12.30pm

Hosted by **CMS**

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[www.oilandgas-cybersecurity.co.uk](http://www.oilandgas-cybersecurity.co.uk)

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# Oil and Gas Cyber Security

Day One | Monday 24th November 2014

8.30 Registration & Coffee

9.00 Chairman's Opening Remarks

Martin Smith, Chairman and Founder, [The Security Awareness Special Interest Group](#)

## STATE OF OIL & GAS THREATS

9.10 Emerging Cyber Threats in the Oil & Gas Industry

- Today's threat trends:
  - Oil and gas business
  - Social/Economic/Political
- Motivations and attack lifecycle
- Overview of recent attacks

Avtar Sehmbi, Head, Information Security & Risk Management, [Centrica](#)

9.50 The Strategic Balance of Risk in The Energy Sector

- Managing and the balance of risk and responsibility between Governments and the Private Sector
- Finding common threads to drive and industry view to enable properly informed national strategies, policy and regulation

Graham Wright, Chief Information Security Officer & Head of Digital Risk, [National Grid](#)

10.30 Morning Coffee - Visit Exhibition Stands

## INCIDENT RESPONSE MANAGEMENT

11.00 EU Response to the Increased Threat Towards Critical Infrastructure

- The changing landscape of cybercrime versus physical crime
- The rapid development of Internet of Everything and the impact,
- The cybercrime threat to individuals, businesses and governments,
- The consolidated response to cybercrime via EC3: prevention, protection, prosecution, governance

Troels Oerting, Head, European Cybercrime Centre, [Europol](#)

11.40 ICS Security: an assessment framework

- Threat landscape
- From standards to a pragmatic approach
- Tactical vs strategic security paths

Alessandro Marzi, ICT Manager Security Standards & Architecture, [ENI](#)

12.20 Networking Lunch - Visit Exhibition Stands

## THREATS AND THE EMERGING TECHNOLOGIES

1.30 Innovation in Industrial Perimeter Security

- Real-Time SCADA protection
- Historian systems protection
- NERC / CIP Compliance
- Hardware based unidirectional Data Transfer
- Secure remote monitoring and management

Paul Charchaffian, European Sales Director, [Waterfall Security Solutions](#)

2.10 Cybercrime Is Huge and Getting Bigger - But Then Why Wouldn't It?

- The market is moving online, the thieves are following.
- The security industry must adapt and go there too.
- Security professionals must let go of traditional methods for protecting assets and embrace the new technology.
- The greatest danger we now face is our fear of change

Martin Smith, Chairman and Founder, [The Security Awareness Special Interest Group](#)

2.50 Afternoon Tea - Visit Exhibition Stands

3.20 Cyber-attacks have evolved in the Energy sector; Have your security defenses?

- Learn how to prepare for an advanced attack or breach WHEN it happens
- Respond quickly and efficiently to isolate the breach and mitigate risk
- Define what 'normal' behaviour is across users, networks, systems and applications
- Improve security intelligence using existing technologies and enhance current security investments

Andrew Hollister, Technical Director, EMEA, [LogRhythm](#)

4.00 Session reserved for GDF Suez E&P UK Ltd  
Session details to be announced

Phil Jones, Security and Resilience Manager, [GDF Suez E&P UK Ltd](#)

5.00 Chairman's Closing Remarks and Close of Day One

Register online at: [www.oilandgas-cybersecurity.co.uk](http://www.oilandgas-cybersecurity.co.uk) • Alternatively

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8.30 **Registration & Coffee**

9.00 **Chairman's Opening Remarks**

**Chris Hankin**, Director, Institute for Security Science and Technology, **Imperial College**

**CYBER BODIES**

**OPENING ADDRESS**

9.10 **The Evolving Cyber Landscape in the UK - CERT UK**

- Role of CERT-UK
- Who and what pose a threat
- CISP - An example of government/industry partnership in action!

**Chris Gibson**, Director, **Computer Emergency Response Team (CERT) UK**

9.50 **Industrial Cyber Incidents Case Study**

- Root cause Incidents analysis
- Panic Vs. Trust Incident analysis mode
- From deep technical analysis to business management level
- Building Trusted computing system

**Mounir Kamal**, Incidents Handling and Digital Forensics Manager, **Q-CERT**

10.30 **Morning Coffee - Visit Exhibition Stands**

11.00 **Cybersecurity 2014, Impact of the latest cyber-attacks on SCADA networks**

- How cyber threats evolved
- Types of vulnerabilities
- A business case for segmenting networks
- Possible solutions
- Be prepared

**Peter Geytenbeek**, International Sales Director, **FOX IT**

**SOCIAL ENGINEERING**

11.40 **Cybersecurity Market Dynamics in the Energy Industry**

- Emergence of niche markets for energy-related security products and services
- Market maturity conditions as affected by oil & gas industry demands
- Policy and regulatory landscape effect on cybersecurity investment opportunities
- Drivers for Public-Private partnerships with a multi-disciplinary and multi-sectoral approach

**Michela Menting**, Cybersecurity Practice Director, **ABI research**

12.20 **Networking Lunch - Visit Exhibition Stands**

1.30 **The New Exploit: Emotion**

- Relying less on the Board to be the leaders in pushing behaviour change
  - Identifying with our organisational dynamics and key influencers
  - Understanding what really drives the change security needs can be uncomfortable – are we ready for it?
  - Creating and sustaining the momentum of change
- Spencer Summons**, Head of Information Assurance and IS Governance, **Tullow Oil**

2.10 **Combating Against the Insider Threat**

- Insider threat is a growing concern for all organisations that can cause severe financial and reputational damage.
- In this talk, we discuss the challenges around insider threat detection.
- We study the types of attack that may be conducted, the behavioural characteristics of insiders, and we discuss how detection systems could be introduced to prevent such attacks from taking place.

**Speaker to be announced**

2.50 **Afternoon Tea - Visit Exhibition Stands**

3.20 **Cybersecurity and Forever Changing Goal Posts**

Hackers are following money trails. Oil, Grids and Banks are the prime targets. Who eventually gains? Constant elevation of security status will soon lead to 'board fatigue'. Security budgets needs to be transformed from linear to non-linear curves for sheer sustainability. The presentation would cover the following:

- Distributed - controls cost framework
- Pareto rule for ICS / SCADA protection
- Role of strategic alliances
- Role of IT governance

**Faheem Siddiqui**, Group Information Security Manager, **Petrofac**

4.00 **Cyber Security: Risks, Regulation and Contracts - a lawyer's perspective**

- Risks – why is cyber security a critical issue?
- Regulatory update
- Supply chain & contractual issues

**Juan Crosby**, Partner, Technology & Sourcing, **CMS Cameron McKenna LLP**

4.40 **Chairman's Closing Remarks and Close of Day Two**

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# HALF-DAY POST-CONFERENCE WORKSHOP

Wednesday 26th November 2014 | 8.30am – 12.30pm | Marriott Regents Park Hotel, London

## Legal Aspects for Cyber Security

### Workshop overview:

The workshop will tackle the cyber security risks that companies are exposed to and will work through ways of reducing these risks. AIG will present the role of cyber insurance and the workshop will discuss what companies need to do in the event of a cyber-security breach incident.

### Why attend this workshop

To learn about cyber risks, how insurance works and what you need to do in the event of an incident

### Workshop timetable

8.30 **Registration & Coffee**

9.00 **Chairman's Opening Remarks**

9.10 **Pre-bind & Breach Preparation:**  
Pre-breach - Understanding of environmental, structural, technical and human measures to protect data and systems.

10.10 **Breach Response:**  
0-72 hours - Rapid, proportionate and coordinated response

10.40 **Morning Coffee**

11.00 **Breach Response:**  
0-72 hours - Part 2

11.30 **Breach Clean up:**  
72 hours plus - Minimise business interruption, reputational damage and third party claims and identify fixes

12.30 **Wrap up and Q&A**

12.50 **End of workshop**

### About the workshop host:

#### Stephen Tester



Stephen Tester is a partner at CMS Cameron McKenna. With Tom Scourfield he leads the CMS Cyber Network, which operates a 24/7 emergency breach response facility providing legal support to clients in over 35 separate jurisdictions. Independently of his work in the cyber field he has a busy practice handling oil and gas insurance disputes and coverage issues.

#### Jamie Bouloux



At the beginning of September 2012 Jamie was made Cyber Liability Manager for Europe. He joined the team from New York where he was an Executive Liability Underwriter & Cyber Product Leader with AIG US and Canada. Prior to that Jamie worked in the AIG International home office team as a Professional Associate and helped develop the original international Cyber product and strategy. Jamie holds a B.A. in Economics and History from Franklin and Marshall College.

#### Juan Crosby



Juan is a partner in the CMS Technology & Commercial team focussing on IT issues in the Oil & Gas Sector and a leading lawyer advising on complex technology and outsourcing projects, including in relation to cyber security. He has undertaken major IT projects for many clients including super-majors and other leading oil and gas companies and has been recognised for his work by being awarded Best Advisor of the Year at the National Outsourcing Association's 2013 UK Outsourcing Professional Awards ceremony as well as being recognised as one of Europe's leading outsourcing advisors in the 2013 European Outsourcing Association's "Advisor of the Year" Awards.

Juan recently led negotiations on a twenty year strategic software development and licensing agreement transforming the technology underpinning the core business activities of one of the world's largest energy companies. CMS is the 6th largest law firm in the world with 58 offices worldwide.

#### Tom Scourfield



Tom Scourfield is a partner and solicitor advocate in the Commercial Technology Group at CMS in London. He has considerable experience of the legal, practical and regulatory issues arising from cyber breach and data compromise events. He leads the CMS cyber crash team in the UK and across 32 other jurisdictions, provided 24/7 support and advice in the event of a cyber crisis event. He has worked directly with a number of corporates, as well as being the lead adviser on several insurance policies offering cyber coverage.

### About the workshop organisations:

#### CMS Cameron McKenna

CMS is one of the top ten largest law firms in the world by number of lawyers, with 58 offices in 32 countries.

#### AIG

American International Group, Inc. (AIG) is a global insurance company. The Company provides a range of property casualty insurance, life insurance, retirement products, mortgage insurance and other financial services to customers in more than 130 countries. Its diverse offerings include products and services that help businesses and individuals protect their assets, manage risks and provide for retirement security.

## SMI ENERGY FORWARD PLANNER 2014

### NOVEMBER

**Project Financing in Oil and Gas**  
24th - 25th November 2014, London, UK

### FEBRUARY

**E&P Information and Data Management**  
3rd - 4th February 2015, London UK

### Floating LNG

16th - 17th February 2015, London UK

### MARCH

**Project Financing in Oil and Gas North America**  
9th - 10th March 2015, Houston, Texas, USA

**Gas to Liquids North America**  
11th - 10th March 2015, Houston, Texas, USA

### Oil and Gas Telecommunications

25th - 26th March 2015  
London, UK

### APRIL

**M2M for Oil and Gas**  
29th - 30th April 2015  
London, UK

# Oil and Gas Cyber Security

24th & 25th November 2014

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**D3 Security's** Cybersecurity Incident Management System streamlines, standardizes and automates the reporting, investigation and analysis of cybersecurity incidents such as privacy breaches, malware infection and distributed denial-of-service (DDoS) attacks. The system's highly configurable incident reporting and case management platform allows oil and gas companies, utilities and critical infrastructure entities to proactively create intelligence-gathering processes and operational workflows in response to known threats, while granting the flexibility needed to capture new events and details on-the-fly. Security, Cybersecurity and Risk Management teams at 200 of the Fortune 500 use the D3 system to extract maximum intelligence and respond to simulated, resolved and in-progress events—in turn saving time, facilitating best practices adoption and mitigating impact in a future attack or privacy breach. [www.d3security.com](http://www.d3security.com)



The **IGUANA** family of solutions protects critical networks and data assets against modern cyber-attacks. IGUANABlue provides resilient security for Industrial Control Systems, customised specially for the requirements of ICS. Tailored directly to the risk and criticality of your plant function, IGUANA Blue balances the need for security whilst still maintaining business efficiency, providing a cost-effective 'fit and forget' data guard solution against growing cyber threats. Based on the same architecture and security aspects of the award-winning CATAPAN range of Government Grade IP Encryption solutions, IGUANAGreen has been designed to provide commercial organisations the capability to securely send and receive sensitive information whilst harnessing the flexibility of local IP networks and protecting data from the increasing threat of cyber-attack. [www.iguanasecurity.com](http://www.iguanasecurity.com)



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# OIL AND GAS CYBER SECURITY

Conference: 24th & 25th November 2014, Marriott Regents Park Hotel, London, UK Workshop: 26th November, London, UK

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<input type="checkbox"/> Conference and Workshop	£1498.00	+VAT	£1797.60
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