



Homeland Security MIDDLE EAST

7th May 2018

Abu Dhabi, UAE



Critical Infrastructure Protection

AN OFFICIAL OPENING | A THEMATIC CONFERENCE | EXHIBITOR WORKSHOPS

A comprehensive event

Join us in Abu Dhabi for a unique comprehensive workshops driven event on Critical Infrastructure Protection and Cyber Security. The key emphasis is given to learning, competency development and thought leadership.

Attend the workshops from international presenters, listen to eminent keynote

speakers and earn a globally recognised certificate from "Homeland Security Qualifications".

Learn and discuss about national and international strategies to better protect critical infrastructure.

Keynote Speakers

Feras Darwich

Chief Information Security Officer
Abu Dhabi Sewerage Services
Company

Charles Mallice

Member of ASIS International
General Manager
Sterling (Middle East) Security
Consultancy

Organised by

**Health, Safety &
Security Review**
Middle East

Exhibitor



Official Media Partners



Workshop Partners





OVERVIEW

A nation's critical infrastructure provides the essential services that underpin society and serve as the backbone of the nation's economy, security and health. We know it as the electricity we use at our workplaces and homes, the water we drink, the transportation that moves us, the stores we shop in, the communication systems we rely on to stay in touch with our colleagues, friends and family.

According to the U.S. Department of Homeland Security (DHS), there are 16 critical infrastructure sectors whose assets, systems and networks, whether physical or virtual, are considered so vital to a country that their incapacitation or destruction would have a debilitating effect on national security, national economic security, national public health or safety or any combination thereof. The GCC's critical infrastructures fall into all 16 sectors making it vulnerable to natural and human threats.

The UAE's never ending construction projects such as the venue for Expo 2020, new expressways, hotels, malls, highways and many other individual projects

increases the number of critical infrastructures, which, in turn, increases the need to create strategic protection plans and policies to protect them.

Cyber threats across the world against Governments, businesses and infrastructures are evolving at a fast pace. With the great rewards that cyberspace offers, come new risks to the very infrastructure that supports our ability to use the internet safely and securely.

Protecting critical ICT infrastructure and systems is imperative as the UAE is flagged amongst the top five countries that are targets for cyber criminals.

To address these challenges, Gulf countries are ramping up their cyber security efforts and CIP strategies, working along with their counterparts across the globe.

Homeland security is a top priority for the Gulf region in light of their social and economic development and growth witnessed in the recent years. The UAE has doubled its spending on homeland security from \$5.5 billion (Dh20.1 billion) to more than \$10 billion (Dh36.7 billion),

according to the annual U.S. Department of Commerce's International Trade Administration report. Its programmes extend to the border and maritime patrol, customs check-in ports and airports, search and rescue operations, disaster recovery, combating man-made disasters and cyber attacks.

This event focuses on risks to critical infrastructure, including a range of potential threats, vulnerabilities and consequences of attacks and incidents; providing both theoretical and practical approaches to assess and manage various risks. The certified training dives deeper into the types of infrastructures critical to the region (like petrochemicals and maritime transport) and their unique vulnerabilities with related protective measures. The case studies include threats posed by weather, man, and cyber attacks.

Join us in Abu Dhabi to learn strategies from security experts from Government and private sectors within the Gulf region who are involved in protecting critical infrastructure.

Return on investment

- Attend the event and interact with delegates, presenters and speakers from the government and private sectors
- Participate in workshops to gain in-depth knowledge on the latest innovations and solutions in the market
- Learn about real world protective plans and measures in use
- Earn a globally recognised certificate from "Homeland Security Qualifications"

Learning Objectives

- Get a broad overview on protecting critical infrastructures and discuss unique challenges and solutions to improve security and resilience
- Gain a better understanding of physical and cyber threats closing in on critical infrastructure
- Learn how to manage threats through risk management
- Determine generic risks of weather, man-made and cyber attacks
- Identify different risks relating to specific types of critical infrastructure
- Discuss methods to improve planning and response to physical and cyber threats
- Appreciate the value of inter-agency coordination
- Interact and share perspectives among industry leaders and colleagues



WHY UAE?

The United Arab Emirates is a leader in the GCC region's security and defense efforts and the country's safety and security budgets continue to be robust. UAE is expected to nearly double homeland security spending over the next decade, from US\$5.5 billion in 2016 to more than US\$10 billion. The UAE's ability to protect critical infrastructure including nuclear power plants, oil and gas production facilities, water treatment and electricity facilities and cyber security.

UAE has excellent infrastructure and is a leading international and regional trade hub. Ongoing economic growth, boosted by continued activity in the commercial, shipping, property, financial and tourist sectors, presents a constant demand for various security products in different sub-sectors, presenting private companies with a great deal of new business opportunities.

Sectors which can benefit

Homeland Security

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Oil and Gas Industry

United Arab Emirates is the world's sixth largest oil producer and the second largest producer of petroleum and other liquids in OPEC. ADNOC and its operating companies are in the process of expanding the output of crude oil from 2.9 million barrels per day to 3.5 million barrels per day by 2020, which the country aims to maintain until 2027.

Energy and Power

UAE is pursuing plans to diversify its energy mix beyond fossil fuel-fired electricity generation through the use of nuclear and solar.

Sensitive Infrastructure

Stadiums, government facilities, manufacturing, banking facilities, schools, public transport, holy places and defence establishments.

Electronic Security

This segment in the UAE is forecast to grow at a CAGR of 10.7 per cent between 2015 and 2021.

Major Infrastructure Projects

Construction of Expo 2020 venue, hotels, malls, residential communities.

Transportation Sector

UAE transportation infrastructure has been robust. However, it is more vulnerable now than previously because it is adopting ever larger dependencies on other infrastructure. Therefore, it is no longer sufficient to take care of its roads and rails and runways only, it must also be concerned with the potential for attacks on IT systems or on other aspects of telecommunication and computer processing activities that are essential for effective transportation systems.

Nuclear Power Plant(s)

Barakah plant first reactor is scheduled to start operations in late 2017, all four should be operational by 2020. The Emirates Nuclear Energy Corporation has so far hit all of its milestones since construction began on the US\$20 billion programme in 2012. There is an ongoing need for companies that specialise in the protection of nuclear facilities.

Healthcare Systems

There are numerous hospital construction and renovation programs underway as a result of public and private investment. According to investment experts, some of the biggest UAE opportunities are likely to be found in healthcare projects.

Cyber Security

Cyber threats across the world against governments, businesses and infrastructures are evolving at a fast pace. With great rewards that cyberspace offers, come new risks to the very infrastructure that supports our ability to use the internet safely and securely. Protecting critical ICT infrastructure and systems is imperative as the UAE is flagged amongst the top five countries that are targets for cyber criminals.

Fire and Rescue

With a greater number of tall buildings and unfortunate recent incidents, Civil Defense is heavily investing in training first responders and equipping them with best in class tools and equipment.




WHO SHOULD ATTEND?

- Contractors involved in the UAE's key projects such as the venue for Expo 2020, new expressways, hotels, malls, highways
- Defence contractors involved in providing solutions to both Government and private sectors
- Government officials (both senior and mid-level) involved in protecting critical and ICT infrastructures
- Government officials working on national level planning and policy- making for critical infrastructure
- Officers responsible for monitoring and protecting infrastructure
- Background and emergency management officials and first responders for critical infrastructures
- Directors, managers, officers and consultants from private security providers
- Heads of HSSE and security departments
- Group security managers and officers
- Security control managers and officers
- Asset protection managers and officers
- Drone and CCTV operators
- CIOs & CTOs of all the above mentioned sectors
- Smart grid security specialists
- Grid solutions and project managers
- ICS controllers/operators/analysts
- SCADA engineers/operators/managers
- Cloud, IoT and Big Data applications specialists
- Heads of information security
- Heads and managers of ICT infrastructure and security
- ICT solution and service providers
- Automation and control systems operators/managers
- Network and security managers
- IT infrastructure and network security specialists
- Heads of cyber security
- Cyber security solution providers involved in servicing both Government and private sectors












AGENDA

08:00	Registration and networking	
09:00	Conference Inauguration	
09:10	 Feras Darwich Chief Information Security Officer Abu Dhabi Sewerage Services Company	Keynote on Implementing standards to critical sectors
09:40	 Geoffrey Williams President & CEO  3Ci Global Solutions Ltd <small>Total Risk Management for Critical Times</small>	Workshop 1 - Can Your Crisis and Emergency Management Structures Cope with 21st Century Critical Infrastructure Protection Demands? <p>In the era of 'Protecting and Securing Critical Assets,' it's never been more crucial to stay ahead of future trends and cost-effectively and efficiently manage the plethora of different crises and disasters that threaten corporate entities. Changing organisational 'out-dated' cultural management approaches to such critical issues is vital for 21st businesses, industry and organisations if they are to flourish during critical times.</p> <p>This workshop explains the vulnerability of current emergency management systems and demonstrates new cutting-edge methodologies. Delegates are tasked to 'root cause analyse' these threats and risks to their own businesses.</p>
10:25	Networking and coffee break	
10:40	 Paul Bryant Director 	Workshop 2 - Fire Protection Strategies for Critical Infrastructures <p>The fire safety and protection of critical infrastructure has never been more important. Major fires around the world have highlighted that a new and strategic approach to fire engineering may be warranted. Paul Bryant, author of British Standard Specification PAS 911 covering fire strategies, as well as his best-selling fire book "Fire strategies – strategic thinking" will explain his ideas.</p> <p>The workshop delegates will identify 'best practices' that explore the key considerations as covered in the British Standard. The workshop is designed for risk, H&S, security and fire safety professionals, as well as those who have responsibilities for fire safety for complex buildings and other infrastructures.</p>
11:25	Exclusive sponsor workshop	
11:55	 Steve Corrigan Managing Director 	Workshop 3 - Business Continuity for Critical Infrastructure Protection <p>The term Business Continuity has been wrongly associated with nothing other than IT continuity and recovery. This thought provoking workshop explains how applying standards such as ISO 22301 on its own is insufficient and needs a more comprehensive approach.</p> <p>Delegates will be enlightened as they learn to analyse the real meaning of 'Business Continuity' and the mass benefits it can bring to their enterprises.</p>
12:40	Prayer and networking luncheon	





AGENDA

13:40	<p>Effective use of equipment to secure CI</p>  <p>Charles Mallice General Manager Sterling (Middle East) Security Consultancy</p>
14:05	<p>Workshop 4 - New options for rescue operations during hostile events at critical infrastructure installations</p> <p><i>Presented by</i></p>  <p>Matt Dusa Chief Operating Officer</p>  <p>Producing a comprehensive security and protection plan for critical infrastructures creates many financial challenges. Providing security services that integrate within fire/rescue/emergency medical services within a cost-effective plan has never been more relevant in today's financial restrictive times. How to best 'integrate' all the security needs into fire/rescue/ems needs often create conflicts of interests.</p> <p>This critical workshop helps delegates by analysing how these crucial services can overcome these conflicts of interest especially where private fire/rescue ems services are involved.</p>
14:50	<p>Exhibitor Workshop - The enterprise immune system - Using machine learning for next generation cyber defence</p> 
15:20	<p>Networking and coffee break</p>
15:35	<p>Spotlight Session - Securing block chain systems</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;">  <p>Anshul Srivastav Chief Information Officer & Digital Officer Union Insurance</p> </div> <div style="width: 30%; text-align: center;">  <p>Feras Darwich Chief Information Security Officer Abu Dhabi Sewerage Services Company</p> </div> <div style="width: 30%;">  <p>Jorge Sebastio Cloud Practice Leader Huawei Technologies</p> </div> </div>





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Critical Infrastructure Protection

7th May 2018, Abu Dhabi, UAE

CONTACT INFORMATION

Easy ways to register

1. Online at www.homelandsecurityseries.com
2. Phone: UAE: +971 4 448 9260 or INDIA: +91 80 65333362
3. Scan & email your completed booking form and payment details to register@hssreview.me

COMPANY DETAILS

Company Name: _____

Address: _____

City: _____ Postal/Zip Code: _____

Country: _____

Please let us know your details if you are booking, but not attending.

Full Name: _____

Tel: _____ Email: _____

Homeland Security Middle East

Type	Price
Standard Delegate Rate	\$ 799.00
Group Rate	
3+ Delegate Rate	\$ 599.00
5+ Delegate Rate	\$ 399.00

DELEGATE DETAILS

Delegate 1

Mr/Mrs/Ms(other): _____ First Name: _____

Last Name: _____

Job Title: _____ Mobile: _____

Tel: _____ Fax: _____

Email: _____

Delegate 2

Mr/Mrs/Ms(other): _____ First Name: _____

Last Name: _____

Job Title: _____ Mobile: _____

Tel: _____ Fax: _____

Email: _____

Delegate 3

Mr/Mrs/Ms(other): _____ First Name: _____

Last Name: _____

Job Title: _____ Mobile: _____

Tel: _____ Fax: _____

Email: _____

PAYMENT DETAILS

Please select your method of payment:

- BY CREDIT CARD: Amex Visa Mastercard Maestro

Cardholder: _____

Card number:

Start date: _____ Expiry date: _____ Issue no. (if applicable) _____

Security code: _____

Signature: Date: _____

Card billing address, if different from above: _____

BY DIRECT TRANSFER:

(Please quote: Homeland Security Middle East 2018 and number of delegates)

The details of this account are as follows:

USD Account	US Dollar Account No: 43874300
Barclays Bank Plc	Sort/Bank Code: 20 36 88
27 Soho Square, London W1D 3QR	Swift Code: BARCGB22
United Kingdom	IBAN No: GB47 BARC 2036 8843 8743 00
Account Name: Alain Charles Publishing Ltd	

PLEASE INVOICE MY COMPANY

Invoice address, if different from above: _____

TERMS & CONDITIONS

Please read the information listed below as each booking is subject to Alain Charles Publishing's standard terms and conditions.

Payment Terms : An invoice will be sent shortly after the receipt of your registration form. Please note that full payment must be received within 5 business days from receipt of invoice by bank transfer or by credit card, details above. If you have not received confirmation of your booking with 14 days of the event, please contact us on +971 4 448 9206. We reserve the right to refuse admission to the conference if payment has not been received.

Substitutions & Cancellations

- Substitutions can be made at any time by contacting the organisers in writing to register@hssreview.me with the name of the delegate booked and the name of the replacement delegate.
- For any cancellations received in writing not less than 8 days prior to the conference, you will receive a 90% credit voucher to be used at another Alain Charles conference which must occur within one year from the date of issuance of such credit voucher. An administration fee of 10% of the contract fee will be retained by Alain Charles for all permitted cancellations. No credit will be issued for any cancellations occurring within 7 days (inclusive) of the conference.
- In the event that Alain Charles cancels an event for any reason, you will receive a credit for 100% of the contract fee paid. You may use this credit for another Alain Charles event to be mutually agreed with Alain Charles, which must occur within one year from the date of cancellation. If a suitable event is not reconvened within a year then a refund can be sought.
- In the event that Alain Charles postpones an event for any reason and the delegate is unable or unwilling to attend on the rescheduled date, you will receive a credit for 100% of the contract fee paid. You may use this credit for another Alain Charles event to be mutually agreed with Alain Charles, which must occur within one year from the date of postponement. If a suitable event is not reconvened within a year then a refund can be sought.

I have read and agreed to the above.

Signature and Date

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