



# MILITARY & HOMELAND SECURITY

6<sup>TH</sup> TO 8<sup>TH</sup> NOVEMBER 2018  
ROYAL PAVILION, AL MAKTOUM AIRPORT  
DUBAI SOUTH, DUBAI, UAE



## CONFERENCE AGENDA



Organized by:



To be co-located with:





The biennial International Helicopter Technology & Operations Exhibition, better known as Dubai Helishow, welcomes you to the 7th edition of the distinctive trade show dedicated to the helicopter industry from 6-8 November 2018. Under the patronage of His Highness Sheikh Mohammed Bin Rashid Al Maktoum, Vice-President and Prime Minister of the UAE and Ruler of Dubai, the Dubai Helishow will once again represent a unique opportunity for the international helicopter community to showcase their products, services and technologies covering the commercial, civil defense and military helicopter markets.

Dubai Helishow will host two exclusive three day conferences covering:

- Helicopter Technology & Operations
- Military & Homeland Security

Live Demonstrations include:

- A helicopter ride as part of a search and rescue operation with opportunity to enact a victim's role
- Teaming up with a bomb disposal squad to learn how to counter IEDs

The Military & Homeland Security Conference will focus on countering terrorism with specialised and strategic operations, improve long range surveillance and remote monitoring capabilities as well as develop superior capabilities to counter narco-terrorism with state-of-the-art technology. The event will have experts from homeland security, police, customs, border guards, airports and ports, industrial security, armed forces across the land, air and sea discuss enhancing capabilities to deal with the two predominant security threats in the Gulf, a conventional warfare (CW) threat and an asymmetrical warfare (AW) threat. There is also a considerable focus on developing smart security surveillance techniques that can help build robust intelligence operations to manage growing threats of terrorism, piracy, sabotage, human and drug trafficking. Interoperability and inter-agency cooperation is a necessity today to improve homeland security capabilities across local, national, regional and global levels.

If you have any comments regarding this draft please contact :

**Pawan Kulkarni**, Divisional Director - Defence & Security, IQPC Middle East & Defence IQ Tel: +971 4 4464250 E-mail: [pawan.kulkarni@iqpc.com](mailto:pawan.kulkarni@iqpc.com)

For sponsorship opportunities please contact: **Noel Greenway**, Sponsorship Director Tel: +971 4 4464605 E-mail: [noel.greenway@iqpc.com](mailto:noel.greenway@iqpc.com)

THIS IS A CONFIDENTIAL DRAFT DOCUMENT FOR SPEAKER ACQUISITION AND DISCUSSION PURPOSES ONLY. DO NOT DISSIMT.

## CONTENTS:

Overview, Past Attendees, Sponsors .....	04-05
Conference Day One .....	06
Conference Day Two .....	08
Conference Day Three .....	10



If you have any comments regarding this draft please contact :

Pawan Kulkarni, Divisional Director - Defence & Security, IQPC Middle East & Defence IQ Tel: +971 4 4464250 E-mail: pawan.kulkarni@iqpc.com

For sponsorship opportunities please contact: Noel Greenway, Sponsorship Director Tel: +971 4 4464605 E-mail: noel.greenway@iqpc.com

THIS IS A CONFIDENTIAL DRAFT DOCUMENT FOR SPEAKER ACQUISITION AND DISCUSSION PURPOSES ONLY. DO NOT DISSIMT.

## BENEFITS OF ATTENDING:

- Empower your police forces with Internet of Things tools
- Understand and celebrate the role of women in homeland security
- Learn from innovations like robotics in policing and helicopter operations for developing special forces
- Discover new patterns in narco-terrorism and learn how to overcome these challenges by integrating intelligence, forensics and response operations
- Learn about the best practices to boost joint inter-agency cooperation between armed forces and homeland security agencies by developing actionable intelligence and sharing critical inputs
- Identify and get introduced to state-of-the-art, smart and long range surveillance technologies to help combat complex threats
- Understand how to integrate early warning radar systems with your country's security perimeter surveillance systems to optimise monitoring preparedness
- Learn how to build a security operations centre for big events by combining intelligence operations and incident response



## PHOTOS FROM THE PREVIOUS NATIONAL AND HOMELAND SECURITY RELATED EVENTS



H.E. Major General Dr. Obaid Al Ketbi, Deputy Commander, UAE MOI receiving award for outstanding achievement.



VIP attendees include H.E. Ahmed Mahboob Musabih, Executive Director, Dubai Customs; H.E. Khaled Al Mansouri, President, IAEM; H.E. Humaid Al Hudaidi, Chief of Sharjah Police.



Lt. Col. Khaled Al Razooqi, CIO, Dubai Police delivering the keynote.

## MEET EXPERTS FROM:

- Police
- Customs
- Border surveillance and security
- National and coast guard
- Specialised operations and combat units
- Systems information centers
- Civil defence and fire services
- Airports and ports
- Ministries
- Embassies
- Intelligence operations
- Critical infrastructure protection
- Criminal investigation and forensics
- Control and command center operations
- Emergency health services
- Municipalities
- Strategic studies and universities
- Any many more

If you have any comments regarding this draft please contact :

Pawan Kulkarni, Divisional Director - Defence & Security, IQPC Middle East & Defence IQ Tel: +971 4 4464250 E-mail: pawan.kulkarni@iqpc.com  
For sponsorship opportunities please contact: Noel Greenway, Sponsorship Director Tel: +971 4 4464605 E-mail: noel.greenway@iqpc.com

THIS IS A CONFIDENTIAL DRAFT DOCUMENT FOR SPEAKER ACQUISITION AND DISCUSSION PURPOSES ONLY. DO NOT DISSIMT.

## PREVIOUS PARTICIPANTS FROM RELATED EVENTS INCLUDE:

- Abu Dhabi Police
- Dubai Police
- Sharjah Police
- Ras Al Khaimah Police
- Ajman Police
- UK Metropolitan Police
- London Metropolitan Police
- New York Police Department
- Hong Kong Police Department
- Riyadh Police Force
- Emirates Identity Authority
- Royal Saudi Border Guards
- Abu Dhabi Customs
- Dubai Customs
- Sharjah Customs
- National Crisis & Emergency Management Authority UAE (NCEMA)
- Ministry of Defence – Abu Dhabi
- Ministry of Interior – Abu Dhabi
- Sharjah National Defence
- Sharjah General Directorate of Civil Defence
- Abu Dhabi Civil Defence
- Royal Air Force Oman
- Roads and Transport Authority
- Saudi Chemical Company
- Embassies & Consulates of Germany, United Kingdom, Switzerland, Egypt, US, France, Canada, Sweden, Finland, Australia, New Zealand etc
- United States Department of Homeland Security
- General Authority of Ports Border & Free Zones
- Abu Dhabi Systems Information Center
- International Police Science Association
- International Association of Emergency Managers
- Royal Canadian Mounted Police
- United States Customs & Border Protection
- UAE Armed Forces
- Finnish Armed Forces
- Khalifa University
- College of Media & Mass Communication – Dubai
- Rabdan Academy
- Emirates Center for Strategic Studies & Research
- Abu Dhabi Distribution Company
- Abu Dhabi Municipality
- Abu Dhabi Health Services
- Kuwait Oil Company
- Kuwait National Guard
- Kuwait Fire Service Directorate
- Civil Defence Kuwait
- Kuwait Police
- Kuwait Coast Guard
- Abu Dhabi Ports Company
- National Electronic Security Authority
- Telecom Regulatory Authority
- And many more...

## OUR PREVIOUS SPONSORS FOR SECURITY EVENTS INCLUDE:



THALES

Raytheon

AIRBUS



sas THE POWER TO KNOW



ORACLE



THURAYA



advancis



If you have any comments regarding this draft please contact :

Pawan Kulkarni, Divisional Director - Defence & Security, IQPC Middle East & Defence IQ Tel: +971 4 4464250 E-mail: pawan.kulkarni@iqpc.com

For sponsorship opportunities please contact: Noel Greenway, Sponsorship Director Tel: +971 4 4464605 E-mail: noel.greenway@iqpc.com

THIS IS A CONFIDENTIAL DRAFT DOCUMENT FOR SPEAKER ACQUISITION AND DISCUSSION PURPOSES ONLY. DO NOT DISSIMT.

# CONFERENCE DAY ONE

Tuesday 6, November 2018

8:00 Registrations and Morning Coffee

Executive sponsored breakfast for VIP attendees

9:00 Welcome remarks by Domus Group, IQPC

9:10 Chairperson's welcome remarks

9:20 - 10:00 **Keynote sessions by VIP Distinguished Speakers**

9:20 - 9:30 **Keynote 1:** IOT enabled police officer : The future well connected police officer to promote friendliness of the police forces across the 7 emirates

9:30 - 9:40 **Keynote 2:** Women in policing: Celebrating their achievements and way forward for future generations

9:40 - 9:50 **Keynote 3:** Smart police for smart people: Promoting the concept of smart police services in every residential and commercial area to promote happiness and prosperity across the region

9:50 - 10:00 **Keynote 4:** Preparing the security and critical infrastructure forces for EXPO 2020 and other global events  
This session will have keynotes and strategic talks about the evolving homeland security industry from senior experts around the world. With technology now connecting devices like never before, joint inter-agency co-operation and interoperability of forces is the need of the hour. At the same time, counter-terrorism initiatives at a strategic and military level needs the right combination of special operations, combat warfare and intelligence reconnaissance. With countries now also developing key capabilities to integrate military and homeland security agencies, the session aims at providing a holistic picture to build a strong resilient homeland security program in the country and replicating it across the region.

10:00 - 11:00 **Awards of appreciation presented to VIP attendees and achievers of excellence in policing**

**Ribbon cutting ceremony and VIP exhibition tour**

**Networking coffee break, corporate videos & product demos**

11:00 - 12:00 **Future Innovations in Policing Technologies**

Developing artificial intelligence (AI) across organisations

- Role of AI in structuring data by using intelligent sensors and communication devices
- Social media data monitoring and acquisition to identify threat levels and mapping it with arrest records, vehicle registrations, property records and known associates
- Integrating cloud, artificial intelligence and real time response to develop a comprehensive AI system

Developing an IOT-enabled police officer to drive efficiency in public safety and key economic zones

- Adapting and capitalising on the advent of IOT in security operations
- Using a digital environment to detect and prevent crime
- Developing crime-reporting apps for citizens and integrating it with the security infrastructure

Digital policing and forensics: Optimising police investigations

- Accelerating police investigations by digital gathering and processing of evidence
- Using advanced data acquisition techniques at the crime scene to avoid pitfalls in evidence gathering
- Integrating surveillance and monitoring camera inputs with the scene of the crime

If you have any comments regarding this draft please contact :

**Pawan Kulkarni**, Divisional Director - Defence & Security, IQPC Middle East & Defence IQ Tel: +971 4 4464250 E-mail: [pawan.kulkarni@iqpc.com](mailto:pawan.kulkarni@iqpc.com)

For sponsorship opportunities please contact: **Noel Greenway**, Sponsorship Director Tel: +971 4 4464605 E-mail: [noel.greenway@iqpc.com](mailto:noel.greenway@iqpc.com)

THIS IS A CONFIDENTIAL DRAFT DOCUMENT FOR SPEAKER ACQUISITION AND DISCUSSION PURPOSES ONLY. DO NOT DISSIMINATE.

# CONFERENCE DAY ONE

Tuesday 6, November 2018

12:00 - 12:40 Prayer time and networking coffee break, featuring corporate videos, product demos

12:40 - 13:40 Future policing: Robotics in law enforcement

- Developing tactical advantage and efficiency by deploying unmanned intelligence robots
- Gathering vital intelligence through onboard video and audio systems
- Using robots for bomb disposal to neutralise threats to police lives

Modernising threat detection and response capabilities for smart cities

- Addressing data privacy concerns as cities get smarter
- Upgrading threat assessment techniques for connecting intelligent devices
- Modernising incident command systems with advanced threat intelligence capabilities

Biometrics data: Channeling data flow from biometrics smart devices to the right stakeholders

- Integrating smart alarm management systems with real time biometrics identification technologies
- Modernising civil registry across federal entities to ensure a seamless data flow and privacy control
- Developing a common database of biometrics entries across various channels: Airports, ports, customs, borders etc

Chairman's closing remarks

13:50 - 15:00 Lunch invitation speech | Corporate videos in the lunch area



If you have any comments regarding this draft please contact :

Pawan Kulkarni, Divisional Director - Defence & Security, IQPC Middle East & Defence IQ Tel: +971 4 4464250 E-mail: pawan.kulkarni@iqpc.com

For sponsorship opportunities please contact: Noel Greenway, Sponsorship Director Tel: +971 4 4464605 E-mail: noel.greenway@iqpc.com

THIS IS A CONFIDENTIAL DRAFT DOCUMENT FOR SPEAKER ACQUISITION AND DISCUSSION PURPOSES ONLY. DO NOT DISSIMILATE.

## CONFERENCE DAY TWO

Wednesday 7, November 2018

8:00 Registrations and Morning Coffee

9:00 Chairperson's welcome remarks

### 09:00 - 10:00 **Intelligent Surveillance**

#### 09:00 - 10:00 **Surveillance of critical infrastructure using IOT (internet of things)**

- Using high resolution video analysis across critical infrastructure like nuclear facilities, airports, ports, electricity and water facilities
- Integrating visual surveillance systems with face recognition capabilities for enhanced image processing
- Overcoming latency related issues for better processing of data to the respective stakeholders
- Security Operations Centre: Building a tactical centre of excellence

#### **Smart integration of traffic centres to optimise transport security and monitoring capabilities**

- Smart patrolling for effective public safety using vehicle mounted smart monitoring systems integrated with real time data analytical software
- Reporting violations using ANPR systems by employing micro and nano - plate scanners
- Utilising fixed camera systems to enhance red light enforcement, speed enforcement and point-to-point average speed measurement to catch offenders

#### **Securing public establishments by deploying video surveillance integrated with command centres**

- Deploying an array of IP cameras, codecs, and recording equipment across malls, warehouses, mosques, hospitals, city centres, education campuses, hotels, tourist spots, residential, commercial, industrial areas, prisons etc to efficiently build a robust monitoring perimeter
- Integrating intrusion detection systems and access control with command centres
- Deploying data algorithms for the processed data from visual surveillance inputs

10:00 - 11:00 **Networking coffee break, corporate videos & product demos**

### 11:00 - 12:00 **Inter-Agency And Special Operations**

#### **Increasing the interoperability of C4ISR (command, control, communication, computer, intelligence, surveillance, reconnaissance) systems in the Middle East for joint security operations**

- Integration of joint forces by developing a C4ISR architectural design
- Creating a strategic platform for information exchange between ground assets and command centres
- Turning information into actionable intelligence to offer a tactical advantage

#### **From London Olympics to EXPO 2020: Inter-agency cooperation for world mega-events**

- Evaluating strategic risks of terrorism, organised crime, diseases, transportation failure etc
- Building a centralised strategic operations center for coordination of all event operations
- Combining security intelligence, operations monitoring and integrating activities across government, public transportation, venue teams, specialized counter-terrorist operations, media group and the core EXPO 2020 leadership team

#### **Discovering new intelligence patterns in narco terrorism**

- Developing counter narco terrorism analytics based on historical data
- Integrating investigation, reporting and response operations
- Sharing case studies from across the globe to learn from best practices

If you have any comments regarding this draft please contact :

**Pawan Kulkarni**, Divisional Director - Defence & Security, IQPC Middle East & Defence IQ Tel: +971 4 4464250 E-mail: [pawan.kulkarni@iqpc.com](mailto:pawan.kulkarni@iqpc.com)

For sponsorship opportunities please contact: **Noel Greenway**, Sponsorship Director Tel: +971 4 4464605 E-mail: [noel.greenway@iqpc.com](mailto:noel.greenway@iqpc.com)

THIS IS A CONFIDENTIAL DRAFT DOCUMENT FOR SPEAKER ACQUISITION AND DISCUSSION PURPOSES ONLY. DO NOT DISSIMILATE.



## CONFERENCE DAY TWO

Wednesday 7, November 2018

12:00 - 12:40 Prayer time and networking coffee break, featuring corporate videos, product demos

12:40 – 13:40 **(LIVE DEMONSTRATION)**

### Optimising search and rescue efforts using the state of the art helicopters

- Optimising rescue efforts by deploying aerial unit of police forces within record timelines
- Making provisions for fueling and improved load carrying capacity
- Building collaborated efforts between land forces and aerial units to improve response time of incidents The attendees will be taken to the helipad and volunteers will be demonstrated a rescue effort thus helping the attendees get a hand on experience from the experts. Attendees can also act as “victims” to get an onsite experience which would help to manage such situations in the future.



13:50 - 15:00 Lunch invitation speech | Corporate videos in the lunch area and end of day two

If you have any comments regarding this draft please contact :

Pawan Kulkarni, Divisional Director - Defence & Security, IQPC Middle East & Defence IQ Tel: +971 4 4464250 E-mail: pawan.kulkarni@iqpc.com

For sponsorship opportunities please contact: Noel Greenway, Sponsorship Director Tel: +971 4 4464605 E-mail: noel.greenway@iqpc.com

THIS IS A CONFIDENTIAL DRAFT DOCUMENT FOR SPEAKER ACQUISITION AND DISCUSSION PURPOSES ONLY. DO NOT DISSIMILATE.

## CONFERENCE DAY THREE

Thursday 8, November 2018

### 09:00 - 10:00 **Border Management & Critical Infrastructure Security**

#### **An integrated border management model to monitor migrations and enhance national security**

- Understanding the mix of migration flow of people across the world (refugees, asylum-seekers, economic migrants, victims of trafficking, smuggled migrants, unaccompanied minors, and other migrants) to identify the migration hubs and take appropriate border control measures
- Understanding the migration governance framework and its role so as to design an integrated border management model involving all stakeholders for a multi layered, firmer grip on national borders
- Leveraging and sharing information gathered through technologies such as biometrics, facial recognition and IRIS scanning with all stakeholders to improve interagency cooperation and achieve a tighter net

#### **Maintaining security in a disrupted world and its impact on homeland security policy**

- Integrating armed forces with homeland security forces
- Tackling border issues and its direct impact on public security
- Developing actionable intelligence and its subsequent effect of policy doctrines

#### **Implementing integrated security systems for critical infrastructure, transport, borders and major events**

- Bringing data together from various intelligence sources (Manifest, X-ray Images, Radiation Spectra and all Sensors, CCTV, Biometrics etc.)
- Building a remote analysis data centre to cater to a wide variety of non intrusive inspection systems
- Facilitating decision making across critical infrastructure

### 10:00 - 11:00 **Networking coffee break**

### 11:00 – 13:00 **Bomb disposal activity for all attendees**

Counter-IED efforts are done primarily by military and law enforcement with solid inputs led by intelligence sources. However, counter-IED efforts can also be broken up into 6 key operational activities: predict, prevent, detect, neutralize, mitigate, and exploit. This session is a must attend for explosive ordnance disposal (EOD) and public safety bomb technicians.

#### **After attending this activity participants will be able to:**

- Develop effective response plans to CBRNE attacks to minimise risk to personnel
- Train government employees in how to best respond to chemical, biological, radiological, nuclear, explosives (CBRNE) attacks with minimal loss of services
- Practically learn how to dismantle certain types of IEDs

### 13:00 - 14:00 **Closing ceremony and Networking lunch**



If you have any comments regarding this draft please contact :

**Pawan Kulkarni**, Divisional Director - Defence & Security, IQPC Middle East & Defence IQ Tel: +971 4 4464250 E-mail: [pawan.kulkarni@iqpc.com](mailto:pawan.kulkarni@iqpc.com)

For sponsorship opportunities please contact: **Noel Greenway**, Sponsorship Director Tel: +971 4 4464605 E-mail: [noel.greenway@iqpc.com](mailto:noel.greenway@iqpc.com)

THIS IS A CONFIDENTIAL DRAFT DOCUMENT FOR SPEAKER ACQUISITION AND DISCUSSION PURPOSES ONLY. DO NOT DISSIMILATE.