

ISNR 2018 FUTURE POLICE FORUM PROGRAM

Wednesday 7th March: The 4th Industrial Revolution	
10:00 to 10:10	<p>Keynote <u>Confirmed speaker:</u> Lt. Colonel Dr. Suleiman Mohamed Al Kaabi, Director of Innovation and Foresight Department, Abu Dhabi Police</p>
10:15 to 10:30	<p>Official Opening: <u>Confirmed speaker:</u> Major General Dr. Ahmed Nasser Al Raisi, Chairman, Higher Organising Committee of ISNR Abu Dhabi</p>
10:35 to 11:00	<p>Understanding the 4th Industrial Revolution (4IR) The 4IR new technologies help governments foster a flexible, knowledge and skills-based providence, improves efficiency and effectiveness, and offers advantages in security sectors for those that make best use of emerging technologies.</p> <ul style="list-style-type: none"> - The Evolution of Communication - The Digital Revolution - The Power of Data - Artificial Intelligence Opportunities and Challenges <p><u>Confirmed speaker:</u> Mr. Peng Xiao, CEO, Pegasus – a DarkMatter company</p>
11:00 to 11:15	Coffee break
11:20 to 11:45	<p>The Internet Of Things The IoT presents enormous opportunities to help police better serve their communities, provide public safety and save money. The IoT could, for instance, improve safety for police officers and other emergency personnel.</p> <ul style="list-style-type: none"> - The Platforms Involved - Prioritization of Resources - Risk Analysis and Evidence Gathering - The Ability to Improve Safety While Saving Money <p><u>Confirmed speaker:</u> Rafi Tahmazian, Solutions Architect - Cisco Systems International B.V.</p>
11:50 to 12:15	<p>Artificial Intelligence: The Dilemma Big city police departments are drowning in data that is far too much information for human beings to process and analyze.</p> <ul style="list-style-type: none"> - The Trust Strategy - The Engines - The Skills <p><u>Confirmed speaker:</u> Mr. Eric Moncet, Prospective & Innovation, Thales</p>

12:20 to 12:45	<p>Robots in Law Enforcement Applications Today's police Robots are designed to deal with situations that are difficult to get to or dangerous for first responders. These robots can manipulate objects as well as gather data through a variety of technologies.</p> <ul style="list-style-type: none"> - The Progress - The Different Technologies - AI Implication <p><u>Confirmed speaker:</u> Mr. Belal Al Hattab, CEO / Co-Founder, Digi Robotics Technologies</p>
12:50 to 13:15	<p>The Need for AI Applications Policies The last few years have seen dramatic growth in the number of people doing technical research to figure out how we can safely program an artificial general intelligence. There is another topic that is just as important and has become relatively more neglected: improving AI policy and strategy.</p> <p><u>Confirmed speaker:</u> Mr. Harshul Joshi, Senior Vice President, Cyber Advisory Services, DarkMatter</p>
13:20 to 13:35	<p>Digital Transformation across Law Enforcement The Impact of Emerging Technologies</p> <ul style="list-style-type: none"> - Challenges to city operators - Game Changing Technologies - End Users vs Supplier Views <p><u>Confirmed speaker:</u> Mr. Anthony Leather, Aerospace, Defence & Security, Frost & Sullivan</p>
13:35 to 14:00	<p>Lunch Break</p>
	<p>Artificial Intelligence Solutions</p>
14:05 to 14:15	<p>Key note: <u>Confirmed speaker:</u> Brigadier Khaled Nasser Al-Razooqi, Director of the General Department of Artificial Intelligence, Dubai Police</p>
14:20 to 14:45	<p>Analytics Today's crimes create enormous amounts of complex data. This requires professionals to meticulously design and analyze all data sources to uncover entities of interest and eliminate irrelevant information.</p> <ul style="list-style-type: none"> - The Importance of Objectives Design - Data Collection Mission - Machine Learning Plannin - Intelligent Led Policing Information <p><u>Confirmed speaker:</u> Rene Duettra, Product and Business Development Lead, DarkMatter</p>

14:50 to 15:15	<p>Machine Learning The ultimate aim of machine learning is to enable software applications to become more accurate without being explicitly programmed. But how do machines Microsoft actually learn?</p> <ul style="list-style-type: none"> - Building Algorithms - Using Statistical Analysis - Recognizing Information - Delivering Reasonably Accurate Outcome <p><u>Confirmed speaker:</u> Mr. Ahmed Farrag, Regional Director for Government, Public Safety and Defence Industries, Microsoft</p>
15:20 to 15:45	<p>Predictive Policing: The Role of Crime Forecasting in Law Enforcement Harnessing the power of information, geospatial technologies and evidence-based intervention models to reduce crime and improve public safety.</p> <ul style="list-style-type: none"> - How Crime is Predictable - The Prediction-Led Policing Process - Making Predictions About Potential Crimes - Focusing on Prediction Accuracy Instead of Tactical Utility <p><u>Confirmed speaker:</u> Mr. Muhammad Azam, Software Development Manager, Space Imaging Middle East</p>
15:50 to 16:15	<p>Threat Intelligence Platforms There's a huge difference between threat data, information, and intelligence, and understanding the Huawei difference is essential to getting the most out of your threat intelligence platform.</p> <ul style="list-style-type: none"> - Data Collection and Aggregation - Information Correlation, Enrichment and Contextualization - Intelligence Analysis, Integration, and Production - The Human Factor <p><u>Confirmed speaker:</u> Mr. Edward Zhang, Vice President - Enterprise EBG ME Region</p>
16:20 to 16:45	<p>Facial Recognition Facial recognition is a biometric method of identifying an individual by comparing live capture or digital image data with the stored record for that person. It is an important and rapidly evolving science which opens up many new opportunities for identifying individuals and solving crimes.</p> <ul style="list-style-type: none"> - The Progress - The Challenges - Latest Solutions <p><u>Confirmed speaker:</u> Mikael Fagerlund, Senior Business Development Manager, Cognitec Systems</p>
16:50	<p>End of Day One</p>

Thursday 8th March: Command and Control	
10:00 to 10:10	<p>Keynote <u>Confirmed speaker:</u> Major Dr. Faisal Al Kaabi, Head of Policing Research and Studies Centre - Abu Dhabi Police</p>
10:15 to 10:30	<p>Official Opening <u>Confirmed speaker:</u> Major General Maktoum Ali Al Sharifi, Director General, Abu Dhabi Police</p>
10:35 to 11:00	<p>The Challenges in 21st Century Command Center Design The infrastructure that enable Command Centers to complete their missions have changed dramatically, requiring new skills and approaches to ensure success. To prepare for the inevitable evolution of technology to come, many factors should be taken in consideration.</p> <ul style="list-style-type: none"> - The New Organizational Challenges - The Technical Skills in Designing and Implementation - The Increasing Number of New Systems and Functionalities - People the Strongest Link <p><u>Confirmed speaker:</u> Mr. Tim Roberts, Senior Advisor, Transguard Group Consultancy</p>
11:00 to 11:15	Coffee Break
11:20 to 11:45	<p>Big Data: The Challenge In the past, technology was often housed inside the Command Center, but it is now housed in a separate Data Center that is adjacent or near the Command Center. This movement of technology means that Data Center size and cost have dramatically increased.</p> <ul style="list-style-type: none"> - The Evolving Big Data Housing - Re-examining the Strategic Needs - More Information, More People - Data Security <p><u>Confirmed speaker:</u> Walid Issa, Senior Manager, Systems Engineers - NETAPP</p>
11:50 to 12:15	<p>Data Integration The biggest challenge in command and control centers is that these highly specialized facilities need to take in signals from various video audio and data sources and coalesces them into an intelligible format.</p> <ul style="list-style-type: none"> - The Rapidly Changing Technology Landscape - Enabling Innovative New Applications - Interoperability and Data Access Outside your Operation <p><u>Confirmed speaker:</u> Walid Gomaa, General Manager - Data Center Solutions - Middle East - Huawei</p>

12:20 to 12:45	<p>Operations Management Software: The New Technologies Challenges Command Center software, the intuitive security operations solution to help identifying incidents, manage response resources and procedures, document events, and identify opportunities to make a safer environment.</p> <ul style="list-style-type: none"> - Incident Management and Reporting - Dispatch and Monitoring - Mapping Incidents <p><u>Confirmed speaker:</u> Mr. Toufic Saad, Project Manager, Techwan SA</p>
12:50 to 13:30	<p>Geographic Information System: The Platform Geographic information systems were built specifically to collect, analyse, and disseminate information in an understandable way: through a map. Crime can be more accurately monitored, response tactics and investigations improved, and daily law enforcement tasks streamlined.</p> <ul style="list-style-type: none"> – Incorporating and Displaying Various Data Feeds – Collecting, Storing, and Managing Crime Data – Developing Actionable Intelligence – Disseminating Information to other law enforcement agencies <p><u>Confirmed speaker:</u> Guilhem Soulie, National Government Team Lead - Esri Global</p>
13:30 to 14:00	<p>Lunch Break</p>
	<p>AI Products for Patrolling</p>
14:05 to 14:15	<p>Keynote <u>Confirmed speaker:</u> Dr. Nasser Al Saadi, AI Expert - Abu Dhabi Police</p>
14:20 to 14:45	<p>Technology Fitted Field Jacket A demonstration of a Technology fitted Jacket invented by Major Mohammad Al Darmaki from Abu Dhabi Police Innovation and Foresight Department. The jacket enables an officer to detect and report different hostile activities during field intervention or special operations.</p> <p><u>Confirmed speaker:</u> Major Mohammad Al Darmaki, Abu Dhabi Police Innovation and Foresight</p>
14:50 to 15:15	<p>Multitasking Radios Every time you exit your vehicle, enter a building, knock on a door or engage with a citizen, you enter the unknown. Officers everywhere are depending on the rich flow of intelligence that a mobile broadband connection can deliver like offender records, crime statistics, video feeds, and Real-time collaboration tools.</p> <p><u>Confirmed speaker:</u> Mr. Selim Bouri, Head of Region, Airbus Defence and Space</p>
15:50 to 16:15	<p>Biometric Tablet Taking mobile secure identification to the next level. First responders need actionable intelligence to inform next step. Simple real-time access to digital</p>



	evidence in the field can mean the difference between a case that goes cold and the one that gets solved. <u>Confirmed speaker:</u> Mr. Ziad Zamel , VP Presales and Solutions ME, IDEMIA
16:20	End of The Forum