

TeleStrategies®

ISSWorld® Middle East & Africa

Intelligence Support Systems for Electronic Surveillance,
Social Media/DarkNet Monitoring and Cyber Threat Detection

Register 1
and 2nd FREE

28 FEBRUARY - 2 MARCH 2022 • JW MARRIOTT • DUBAI, UAE

Where Law Enforcement and
Government Intelligence Agencies
turn for Technical Training
and Product Selection

AI for OSINT
Automation

Defeating
Encryption

Bitcoin
Blockchain
Analysis

4G/5G
Intercept &
Tracking

Social
Media
Monitoring

TOR /
DarkNet
Traceback

Lead Sponsor

Associate Lead Sponsors



Exhibitors and Sponsors



97 LEA/Interior/DoD Training Sessions and Courses to Choose From

28 FEBRUARY - 2 MARCH 2022 • JW MARRIOTT • DUBAI, UAE

ISS World Middle East and Africa is the world's largest gathering of Regional Law Enforcement, Intelligence and Homeland Security Analysts, Telecoms as well as Financial Crime Investigators responsible for Cyber Crime Investigation, Electronic Surveillance and Intelligence Gathering.

ISS World Programs present the methodologies and tools for Law Enforcement, Public Safety, Government and Private Sector Intelligence Communities in the fight against drug trafficking, cyber money laundering, human trafficking, terrorism and other criminal activities conducted over today's telecommunications network, the Internet and Social Media.

Track 1

Lawful Interception and Criminal Investigation Training

Track 2

LEA, Defense and Intelligence Analyst Product Demonstrations

Track 3

Social Network Monitoring, Artificial Intelligence and Analytics Product Training

Track 4

Threat Intelligence Gathering and Cyber Security Product Training

Track 5

Investigating DarkWeb, Bitcoin, Altcoin and Blockchain Transaction

Track 6

Mobile Signal Intercept and Electronic Surveillance Training

Track 7

5G Lawful Intercept, Tracking and Forensics Product Training

Plus Special Training Seminars lead by Law Enforcement Officers and Ph.D. Scientists

ISS World MEA Exhibit Hours

Tuesday, 1 March 2022
10:00 - 18:00

Wednesday, 2 March 2022
9:15 - 12:30

ISS WORLD MEA 2022 PROGRAM AGENDA

Training Seminars Led by Law Enforcement Officers and Ph.D., Computer Scientists

20 classroom training hours, presented by Law Enforcement Officers and Ph.D. Scientists

- **Charles Cohen** a Vice President at **NW3C**, the **National White Collar Crime Center**, Professor in Practice Criminal Justice, **Indiana University** and Retired Captain, **Indiana State Police** (6 classroom hours)
- **Mark Bentley**, Communications Data Expert, National Cyber Crime Law Enforcement, **UK Police** (7 classroom hours)
- **Jerry Lucas**, Ph.D., (Physics), President, **TeleStrategies** (2 classroom hours)
- **Matthew Lucas** (Ph.D., Computer Science), VP, **TeleStrategies** (3 classroom hours)
- **Vladimir Vesely** (Ph.D., Computer Science) Researcher, **Brno University of Technology** (2 classroom hours)

Monday, 28 February 2022

SEMINAR #1

08:30-16:00

Online Social Media and Internet Investigations

- Presented by: **Charles Cohen**, Vice President at **NW3C**, the **National White Collar Crime Center**, Professor in Practice Criminal Justice, **Indiana University** and Retired Captain, **Indiana State Police**

08:30-09:30

Cellular Handset Geolocation: Investigative Opportunities and Personal Security Risks

09:45-10:45

Collecting Evidence from Online Social Media: Building a Cyber-OSINT Toolbox (Part 1)

11:00-12:00

Collecting Evidence from Online Social Media: Building a Cyber-OSINT Toolbox (Part 2)

13:00-14:00

Proxies, VPNs, and Dark Web: Identity Concealment and Location Obfuscation

14:15-15:00

Tor, onion routers, Deepnet, and Darknet: An Investigator's Perspective

15:15-16:00

Tor, onion routers, Deepnet, and Darknet: A Deep Dive for Criminal Investigators

SEMINAR #2

08:30-16:00

Practitioners Guide to Internet Investigations

- Presented by: **Mark Bentley**, Communications Data Expert, National Cyber Crime Law Enforcement, **UK Police**

The aim of this 1-day seminar is to take the attendees from the basics of understanding the Internet, how to find data, through to a full understanding of best practice of an Internet investigator, building their OSINT toolbox, and having awareness and knowledge of all the tools available to achieve this. It is aimed primarily at the investigator, delivered from the perspective of detective, to empower them to have the best methodology and tradecraft to profile and catch suspects.

This is exclusively Law Enforcement only, as Practical examples, covert and investigative methodology and tradecraft will be given throughout the seminar.

08:30-09:30

The Internet, and how suspects leave a Digital Footprint. How the system works for us, as investigators

09:45-10:45

Recognizing Traffic Data and digital profiling via social networks and devices - digital shadows

28 FEBRUARY - 2 MARCH 2022 • JW MARRIOTT • DUBAI, UAE

11:00-12:00

WiFi, geolocation, and Mobile Data traces and tracking

13:00-14:00

Awareness of Emerging Technologies, Masking Tech and Tools, TOR and proxies

14:15-15:00

Advanced Techniques in Tracing Suspects, and lateral problem solving

15:15-16:00

Open Source Tools, resources and techniques - A walk through my free law enforcement open source tools site

SEMINAR #3

08:30-09:30

Understanding Mobile 2G, 3G, 4G & 5G NSA Infrastructure and Lawful Intercept for Technical Investigators

- Presented by: Dr. Jerry Lucas, President, TeleStrategies.

This session addresses the infrastructure evolution of 2G to 3G to 4G to 5G NSA and the impact on lawful interception.

SEMINAR #4

09:45-10:45

Transitioning Lawful Interception Network Core Features from 4G to 5G SA: What's it Looking Like and Challenges Ahead

- Presented by: Matthew Lucas (Ph.D, Computer Science), VP, TeleStrategies

Cellular market analysts collectively have identified 5G services deployed in over 400 cities spread over 30 or so countries. The one common feature of all these operations is that they are providing 5G services with a 4G/5G hybrid network infrastructures or so called non-Stand Alone (NSA) architecture. This session addresses the transition to 5G stand alone.

SEMINAR #5

11:00-12:00

Understanding Advanced Techniques to Defeat (or Work Around) Encrypted Third Party Services, Bitcoin Anonymity, TOR/HS and iPhone Encryption

- Presented by: Matthew Lucas (Ph.D, Computer Science), VP, TeleStrategies

You can't defeat today's encryption (at least not that we know of) but law enforcement and the government intelligence community can "Work around encryption" for a price. Once you identify a target using commercially available encryption products or services (and with enough resources or money) government can defeat the target near 100% of the time

SEMINAR #6

13:00-14:00

Locating and Tracking Devices by MAC Addresses and App-Based SDKs plus Privacy Measures by Apple & Google

- Presented by: Matthew Lucas (Ph.D, Computer Science), VP, TeleStrategies

Wednesday, 2 March 2022

SEMINAR #7

13:00-14:00

Top 20 Open Source Tools (OSINT) Used in Cybercrime Investigations

- Presented by: Mark Bentley, Communications Data Expert, National Cyber Crime Law Enforcement, UK Police

Pre-Conference Sessions Description At The End of Agenda Posting

Tuesday, 1 March 2022

Welcoming Remarks

8:15-8:30

- Tatiana Lucas, ISS World Program Director, TeleStrategies

8:30-9:00

Top Ten Internet Challenges Facing Law Enforcement and the Intelligence Community and Who at ISS World Middle East has Solutions

- Dr. Jerry Lucas, President, TeleStrategies

Track 1

Lawful Interception and Criminal Investigation Training

This track is for Telecom Operators and Law Enforcement/Intelligence/Defense Analysts who are responsible for specifying or developing lawful intercept network infrastructure.

Monday, 28 February 2022

14:15-15:05 **SESSION A**

Accelerating investigation workflows with specially designed IT-forensic laboratories

- Presented by mh Service GmbH

14:15-15:05 **SESSION B**

Memento Labs, the evolution of lawful 360° remote surveillance

- Presented by Memento Labs

15:25-16:05

How Far States have to go to Secure the Net

- What is Regulatory Compliance / Digital Enforcement

- Why do governments need such solutions

- What are countries doing about it (use cases from the public sources)

- Joseph Dadon, VP Sales, Allot

Tuesday, 1 March 2022

09:00-10:00

Lawful Interception and Communication Data, Current & Future Challenges: Mobile, Cyber Security, Virtualization and AI - An industry view

- Alex Leadbeater, 3GPP SA3-LI and ETSI TC Cyber Chairman and Head of Global Obligations Future and Standards, BT Security

13:00-13:45

Office darknet investigation with the Web-I-Qube

- Presented by **mh Service GmbH**

Wednesday, 2 March 2022

8:30-9:15

Intercepting and Collecting Web Evidence in the Times of TLS1.3 and HTTP3.0

- Vladimir Vesely (Ph.D., Computer Science) and Jan Pluskal, Researchers, **Brno University of Technology**

Track 2

LEA, Defense and Intelligence Analyst Product Demonstrations

Monday, 28 February 2022

08:30-09:30

The Wide Area Network vs. Moore's Law: Generating IP Intelligence at 100G and beyond

- Gene Litt, CTO, **NetQuest**

13:00-14:00

All-Optical Switching as an enabling technology for Intelligence, Law Enforcement and Cyber Monitoring

- Presented by **HUBER+SUHNER Polatis**

14:15-15:00 **SESSION A**

Simplify investigation with one platform

- Presented by **ATIS**

14:15-15:00 **SESSION B**

New experience gained from Voice Biometrics and Speech Analytics deployments

- Presented by **Phonexia**

15:15-16:00 **SESSION A**

Don't let the new 5G SA Privacy Features stop you from catching IMSIs

- Sander de Jong, **Group 2000**

15:15-16:00 **SESSION B**

Cyber Intelligence in Our Increasingly Privacy & Security Conscious Environment

- Presented by **Wintego**

16:15-17:15 **SESSION B**

How to transform network data into intelligence in spite of encrypted and obfuscated IP traffic

- Presented by **Rohde Schwarz**

Tuesday, 1 March 2022

09:00-10:00

Setting standards in Cyber Technology & Defense

- Presented by **NSO Group**

13:00-13:45 **SESSION B**

The role COTS Equipment on contemporary operations - freedoms and limitation

- Presented by **Providence**

13:00-13:45

Digital Toolbox: the investigator's best friend

- Presented by **AREA**

14:00-14:45 **SESSION A**

Automating forensic Speaker Recognition for Cyber Crime units

- Presented by **ATIS**

14:00-14:45 **SESSION C**

Combining mass location, mobile network metadata and intelligent call data records analytics in real-time combat crime

- Amalendu Parasnis, Head of Business Development, **Xolaris**

15:00-15:45 **SESSION C**

Obtaining valuable information from the latest versions of MacOS

- Presented by **MOLLITIAM CYBERINTELLIGENCE**

16:00-17:00

Profile, target and investigate the Darknet. Reinventing traditional HUMINT in the Digital Era

- Presented by **AREA**

Wednesday, 2 March 2022

08:30-09:15

Guess who is using THAT App in your Country. Metadata as IP Intelligence

- Presented by **AREA**

09:30-10:15

Real Time Application Forensics: Finding suspects and evidence on an encrypted internet

- Presented by **Sandvine**

11:15-12:15 **SESSION A**

A new perspective for field operations - supporting Cyber operations in the field

- Presented by **Trovicor**

12:30-13:30

Session Title TBA

- Presented by **ClearTrail Technologies**

Track 3

Social Network Monitoring, Artificial Intelligence and Analytics Product Training

Sessions in this track are only open to Law Enforcement, Public Safety and Government Intelligence Community Attendees, unless marked otherwise.

Monday, 28 February 2022

08:30-09:30

Massive Social Media data collection and analysis for Counter-Terrorism Intelligence Activities

- Presented by **IPS**

09:45-10:45

WhatsApp, Telegram, Facebook... how IPS helps you to locate most wanted targets with LI

- Presented by **IPS**

Tuesday, 1 March 2022

15:15-15:35

Automatic Exploitation of Social Network, Deep and Dark Web to complement traditional Lawful Interception Infrastructure for Target Profiling.

- Presented by **IPS**

15:35-16:00

Machine Learning in a Command and Control Centre for covert field operations and situation awareness

- Presented by **IPS**

Tuesday, 1 March 2022

09:00-10:00

Tactical Web Intelligence (WEBINT) & Social Engineering: Gathering Actionable Intelligence via a powerful WEBINT platform

- Presented by Cobwebs Technologies

13:00-13:45

Location & Open Source Intelligence: Real Life Case Studies & Live Demonstration

- Presented by Cobwebs Technologies

15:00-15:45 **SESSION B**

Supercharged IPDR extraction and analysis - Advanced Mass Internet Activity Analytics

- Presented by Trovicor

16:00-17:00 **SESSION A**

Session Title TBA

- Presented by ClearTrail Technologies

16:00-17:00 **SESSION B**

VoIP Forensics: Revealing encrypted VoIP communication network of criminal organizations

- Presented by Sandvine

Wednesday, 2 March 2022

08:30-9:15 **SESSION B**

Fast visualization, analysis and fusion of large data sets from different sources

- Presented by ATIS

09:30-10:15 **SESSION B**

How to Protect the Status of Data Traffic Without Changing the Status Quo

- DPI as a starting point (watch the network)
- Application Control and Network Management
- Network Security and Traffic Prioritization
- Joseph Dadon, VP Sales, Allot

12:30-13:30 **SESSION A**

Top 20 Open Source Tools (OSINT) Used in Cybercrime Investigations

- Mark Bentley, Communications Data Expert, National Cyber Crime Law Enforcement, UK Police

12:30-13:30 **SESSION C**

How to Protect your RF Environment Against Illegal Interception Systems

- Presented by Rayzone Group

Track 4

Threat Intelligence Gathering and Cyber Security Product Training

This track is only open to Law Enforcement, Public Safety and Government Intelligence Community Attendees

Monday, 28 February 2022

11:00-12:00

Mapping an Effective Intelligence Picture for Maximum Results (LIVE DEMO)

- Presented by Rayzone Group

16:15-17:15

Advanced data exfiltration on modern smartphones: inside the targets compromised

- Presented by MOLLITIAM CYBERINTELLIGENCE

Tuesday, 1 March 2022

15:00-15:45

The Next Generation of Cybersecurity for Intelligence Agencies (LIVE DEMO)

- Presented by Rayzone Group

16:00-17:00

Encrypted & Evasive Traffic: New Visibility with Next-Generation DPI

- Sebastien Synold, Product Manager, Qosmos DPI Business Unit, ENEA

Wednesday, 2 March 2022

08:30-09:15

ADINT - Monitor Digital Footprints to Anticipate and Prevent Evolving Threats (LIVE DEMO)

- Presented by Rayzone Group

12:30-13:30

Riots in Colombia: crowd control on the internet

- Presented by MOLLITIAM CYBERINTELLIGENCE

ISS World MEA Exhibit Hours

Tuesday, 1 March 2022

10:00 - 18:00

Wednesday, 2 March 2022

9:15 - 12:30

Track 5

Investigating DarkWeb, Bitcoin, Altcoin and Blockchain Transaction

This track is for law enforcement and private enterprise investigators who have to monitor and investigate the DarkNet along with Bitcoin transactions associated with criminal activities

Note: Some sessions are only open to LEA and Government. These sessions are marked accordingly.

Monday, 28 February 2022

15:15-16:00

Identifying Darknet Suspects: When Law Enforcement Hacks

- Presented by Searchlight Suspects

16:15-17:15 **SESSION B**

Live Demonstration of DarkOwl Vision: Darknet Intelligence Discovery and Collection

- David Alley, CEO, DarkOWL FZE

(THIS SESSION IS ONLY OPEN TO LEA AND GOVERNMENT ATTENDEES)

Tuesday, 1 March 2022

9:00-10:00

Efficient Deep-Dark-Web Investigation and Digital Risk Protection

- Presented by Utimaco

13:00-13:45

Offline darknet investigation with the Web-I-Qube

- Presented by mh Service GmbH

Wednesday, 2 March 2022

9:15-10:00

Workshop on Correlating Blockchain Activity with Real-Life Events and Users

- Vladimir Vesely (Ph.D., Computer Science) and Jan Pluskal, Researchers, Brno University of Technology

Track 6

Mobile Signal Intercept and Electronic Surveillance Product Training and Demonstrations

This track is for Law Enforcement, Interior Security and the Government Intelligence Community who must work with cellular and mobile satellite operators regarding mobile location, electronic surveillance and RF intercept.

This track is only open to Law Enforcement, Public Safety and Government Intelligence Community Attendees.

Monday, 28 February 2022

08:30-09:30

Understanding Mobile 2G, 3G, 4G and 5G NSA Infrastructure, Intercept and Cryptography

- Dr. Jerry Lucas, President, TeleStrategies

11:00-12:00

VSAT Networks: Tactical and Strategic Threat Detection and Geolocation

- Presented by Kratos

13:00-14:00

SCPC/VSAT Intercept in CiC/CuC Scenarios

- Presented by Rohde Schwarz

Tuesday, 1 March 2022

09:00-10:00

Empowering field intelligence teams – how Intellexa combines native 3G/4G interception and long range WiFi interception to make field cyber operations more successful than ever

- Presented by Intellexa

14:00-14:45

Breaking the borders of tactical cyber-intelligence

- Presented by Jenovice

Wednesday, 2 March 2022

11:15-12:15

Mobile Radio Analysis Solutions with 5G for Government

- Presented by Rohde Schwarz

Track 7

5G Lawful Interception Product Training

This track is open to all conference attendees unless marked otherwise.

Note: Some sessions are only open to LEA and Government. These sessions are marked accordingly

Monday, 28 February 2022

8:30-9:30

Understanding Mobile 2G, 3G, 4G & 5G NSA Infrastructure and Law Intercept for Technical Investigators

- Dr. Jerry Lucas, President, TeleStrategies

9:45-10:45

Transitioning Lawful interception Network Core Features from 4G to 5G SA: What's it Looking Like and Challenges Ahead

- Dr. Matthew Lucas, Vice President, TeleStrategies

16:15-17:15

Changing Needs for LEAs with 5G, Location and Encryption

- Presented by SS8

Tuesday, 1 March 2022

13:00-13:45

Lawful Interception in 5G Mobile Networks

- Presented by Utimaco

16:00-17:00

Real World Interpretation of 5G LI Requirements and Implications for Carriers and LEAs with 5G

- Presented by SS8

Registration Information *Save \$300 by registering before 17 January 2022*

Law Enforcement/DHS/IC/DoD Registration*

ISS World Conference Training Tracks 1-7, Conference Seminars and Exhibits.....	\$995
Registration after 17 January 2022	\$1,295

Private Enterprise or TeleCom Operator Registration

ISS World Conference (Tracks 1, 5 & 7), Conference Seminars and Exhibits.....	\$995
Registration after 17 January 2022	\$1,295

Vendor Registration

ISS World Conference (Tracks 1, 5 & 7), Pre-Conference Seminars and Exhibits	\$995
Registration after 17 January 2022	\$1,295

**Note: To Attend the LEA/DHS/IC/DoD Training Tracks 2, 3, 4 and 6 you must be a sworn law enforcement officer or military/intelligence/government employee. Also you must register by 22 February 2022 in order to verify eligibility. Government photo ID required for Tracks 2, 3, 4, and 6 classroom access.*

Free Colleague Registration:

Register as paid and you can invite a colleague to join you at ISS World Middle East with a full, free conference pass. If you have not identified your guest at this time, just enter "guest of" followed by your name and ISS World Conference Training Tracks 1-7, complete with your contact information. You can register your guest at no charge at a later time.

Conference and Exhibitions: JW Marriott Marquis Hotel Dubai

To reserve a room go to <http://cwp.marriott.com/dxbae/issworldldubai> or call 971 4 414 0000.

International Attendees:

If you need Visa assistance to attend ISS World, please contact Tatiana Lucas at talucas@telestrategies.com

Conference by Invitation Only:

To attend ISS World you must be a Private Enterprise Investigator, government employee, LEA or vendor with LI, surveillance or network products or services. If you have questions e-mail Tatiana Lucas at talucas@telestrategies.com.

Registration

Phone: 1-703-734-2608

Fax: 1-703-734-9371

Online: www.issworldtraining.com

ISSWorld[®] Middle East & Africa

Intelligence Support Systems for
Electronic Surveillance, Social
Media/DarkNet Monitoring and
Cyber Threat Detection

28 FEBRUARY - 2 MARCH 2022 • JW MARRIOTT • DUBAI, UAE

Lead Sponsor



Associate Lead Sponsors



Exhibitors and Sponsors

