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

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

13-15 FEBRUARY 2024 • JW MARRIOTT • DUBAI. UAE

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

ISS WORLD MEA 2024
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, 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)

Tuesday, 13 February 2024

SEMINAR #1
08:30-15:00
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

08:30-09:15
Proxies and VPNs: Identity Concealment and Location Obfuscation

09:30-10:15
Tor, onion routers, Deepnet, and Darknet: An Investigator’s Perspective

SEMINAR #2
08:30-15:00
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.

08:30-09:15
The Internet, and how suspects leave a Digital Footprint. How the system works for us, as investigators

09:30-10:15
Recognizing Traffic Data and digital profiling via social networks and devices - digital shadows

To Review Complete Agenda or To Register, Go To WWW.ISSWORLDTRAINING.COM
10:30-11:15
WIFI, geolocation, and Mobile Data traces and tracking

11:30-12:15
Advanced Techniques in Tracing Suspects, and lateral problem solving

13:15-14:00
Awareness of Emerging Technologies, Masking Tech and Tools, TOR and proxies

14:15-15:00
Open Source Tools, resources and techniques - A walk through my free law enforcement open source tools site

**SEMINAR #3**

08:30-09:15
Understanding Mobile 2G, 3G, 4G, 5G NSA & LEO Infrastructure and Law 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**

09:30-10:15
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. (Full description below Track 9)

**SEMINAR #5**

10:30-11:15
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**

11:30-12:15
Understanding How AI Empowers ISS Products, LEAs and Intelligence Agencies

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

**SEMINAR #7**

13:15-14:00
Generative AI (e.g., ChatGPT): Hype vs. Reality and Law Enforcement Friend or Foe

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

**SEMINAR #8**

12:30-13:30
Top 20 Open Source Tools (OSINT) Used in Cybercrime Investigations

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

**Wednesday, 14 February 2024**

Welcoming Remarks

8:15-8:30
- Tatiana Lucas, ISS World Program Director, TeleStrategies

Keynote

8:30-9:00
Top Ten Internet Challenges Facing Law Enforcement and the Intelligence Community and Who at ISS World Middle East and Africa 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.

**Tuesday, 13 February 2024**

14:15-15:00
Simplifying lawful requests: how CSPs can automate, secure and speed their responses to criminal investigations

- Presented by Subtonomy & Telia Norway

15:15-16:00
Oxygen Forensic® Detective - all-in-one forensic software platform for data extraction and analysis. Product Overview

- Paul Down, Director of Sales EMEA, Haitham Khatib, Sales Engineer, MEAI, Oxygen Forensics

**Thursday, 15 February 2024**

16:15-17:00
Finish Investigations Faster, with Magnet Automate

- Presented by mh Service GmbH
**Wednesday, 1 March 2023**

14:00-14:45  
**Countering Illegal Trade on Darknet Marketplaces**  
- Veronica Wildenberg, New Sales Manager, Social Links  
- Scott Wilcox, Founder, Sicuro Group LLC

15:15-16:00  
**Location investigations: beyond compliance using mass location techniques**  
- Presented by Intersec

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**Thursday, 15 February 2024**

08:30-09:15  
**Rapid Digital Forensics Triage - Finding Evidence in Seconds**  
- Ashley Page, Director, Cyacomb Ltd

10:15-11:15  
**Dealing with Real Life Use Cases of Cryptography**  
- Presented by InterProbe

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**Tuesday, 13 February 2024**

09:10-10:00  
**SESSION B**  
**NSO: The unencrypted story**  
- Presented by NSO

09:30-10:15  
**WhatsApp, Telegram, Facebook... how IPS helps you to locate most wanted targets with LI**  
- Presented by IPS

10:30-11:15  
**ADINT Revealed**  
- Presented by Rayzone Group

11:30-12:15  
**Encryption Vs You: Identify potential suspects through mass IP metadata analysis at a countrywide scale**  
- Presented by ClearTrail

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**Wednesday, 14 February 2024**

09:10-10:00  
**SESSION A**  
**NSO: The unencrypted story**  
- Presented by NSO

10:30-11:15  
**SESSION B**  
**Using Intelligence techniques and OSINT solutions in asset recovery and in-depth due diligence cases**  
- Veronica Wildenberg, New Sales Manager, Social Links and Scott Wilcox, Founder, Sicuro Group LLC

11:30-12:15  
**SESSION A**  
**Supercharged IPDR extraction and analysis - Encrypted IP Applications and Advanced Internet Activity Analytics**  
- Presented by Trovicor

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**Wednesday, 14 February 2024**

14:15-15:00  
**SESSION B**  
**Follow your suspect down the Rabbit Hole.**  
- Presented by AREA

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**Thursday, 15 February 2024**

08:30-09:15  
**SESSION A**  
**Next Generation Lawful Intelligence - enhanced geolocation analysis**  
- Presented by SS8

10:30-11:15  
**SESSION A**  
**Impact of VoLTE inbound roaming on your Lawful Interception requirements**  
- Presented by Group 2000

11:30-12:15  
**SESSION A**  
**Next generation IP analytics - how conflicts, fake SN media, IOT and crypto are changing the intelligence challenges**  
- Presented by Cognyte

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**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.

**Tuesday, 13 February 2024**

08:30-09:15  
**SESSION A**  
**Massive Social Media data collection and analysis for Counter-Terrorism intelligence Activities**  
- Presented by IPS

09:30-10:15  
**SESSION B**  
**Using OSINT with visual link analysis to enhance your investigations**  
- Presented by Maltego

11:30-12:15  
**SESSION A**  
**Unique Social Media Relation and ID-Mapping Solution Against Encryption Challenges**  
- Presented by Sinovatio

14:15-15:00  
**SESSION B**  
**Revolutionize OSINT with ChatGPT and LLMs: a Practical Guide**  
- Presented by S2T Unlocking Cyberspace
15:15-15:35 **SESSION A**
Automatic Exploitation of Social Network, Deep and Dark Web to complement traditional Lawful Interception Infrastructure for Target Profiling.
- Presented by IPS

**15:15-16:00 SESSION B**
Online investigations using Chinese
- Skip Schiphorst, Online Research in Foreign Languages Instructor, i-intelligence GmbH

**15:35-16:00 SESSION A**
Cyber Threat Intelligence to accelerate online investigations
- Presented by IPS

**16:15-17:00 SESSION A**
Hybrid threats in current conflicts revealed with OSINT tools
- Stavros Vologiannidis, Founder, DataScouting & Mark Pfeiffer, Consultant on hybrid threats

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**Wednesday, 14 February 2024**

09:10-10:00 **SESSION A**
From IOC to threat actors hunting
- Presented by Cobwebs Technologies

09:10-10:00 **SESSION B**
Using AI and Data Fusion to improve decision making for border control
- Presented by Cognyt

13:00-13:45
Location & Open Source Intelligence: Real Life Case Studies & Live Demonstration
- Presented by Cobwebs Technologies

14:00-14:45 **SESSION A**
Anonymity Vs You: Accelerated WEBINT insights to identify virality, influencers and unmask suspects across social networks.
- Presented by ClearTrail, co-hosted by Mark Bentley, Communications Data Expert, UK Police

14:00-14:45 **SESSION B**
Online investigations using Arabic
- Skip Schiphorst, Online Research in Foreign Languages Instructor, i-intelligence GmbH

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**15:15-16:00 SESSION A**
trovicor’s Latest interception Innovations – Speech Analysis, Encrypted IP applications and hyper efficient Big Data Analytics
- Presented by Trovicor

**Thursday, 15 February 2024**

08:30-9:15 **SESSION B**
AI & geolocation for homeland security
- Presented by Intersec

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

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**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

**Tuesday, 13 February 2024**

14:15-15:00
When Spyware Turns Phones Into Weapons: Addressing Mobile Devices Software and Hardware Vulnerabilities to Save Your Organization
- Presented by Feedback Italia

15:00-15:45
Cybersecurity Reinvented: Navigating the Landscape of Secure Communication in the Age of Threats, Hardware Vulnerabilities, and Post-Quantum Computing
- Presented by Feedback Italia

16:15-17:00
Combine DPI-based Traffic Visibility with Threat Detection Capabilities to Raise the Performance of Government Security Operations
- Nicolas Duteil, Senior Technical Account Manager, DPI & Traffic Intelligence, Enea

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**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
Sessions only open to LEA and Government.

**Tuesday, 13 February 2024**

13:15-14:00
Live Demonstration of DarkOwl Vision: Darknet Intelligence Discovery and Collection
- David Alley, CEO, DarkOWL FZE

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**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.

**Tuesday, 14 February 2024**

16:15-17:00
Satellite traffic: cutting through the noise to find Actionable Insights
- Presented by Cognyt
Thursday, 15 February 2024
11:30-12:15
Electronic Surveillance solutions family.
Covertly investigate on suspects in the field and operate form a unified, AI enabled, centralized Cyber Intelligence platform. Use cases and demonstration.
• Presented by AREA

Tuesday, 13 February 2024
08:30-09:15
Understanding Mobile 2G, 3G, 4G, 5G NSA & LEO Infrastructure, Intercept and Cryptography
• Dr. Jerry Lucas, President, TeleStrategies

Wednesday, 14 February 2024
13:00-13:45 SESSION B
Geo-time link analysis, merging historical Communication Data, (CDR/DR/CD), live lawful interception data (IRI/CDR), Social media communication and computer and mobile forensics extraction.
Use cases and demonstration.
• Presented by AREA

15:15-16:00
Interception challenges on VoLTE network for LEA’s
• Presented by InterProbe

Thursday, 15 February 2024
10:15-11:00
Keep using your IMSI Catchers and Direction Finders in the 5G SA Era
• Presented by Group 2000

ISS World MEA Exhibits Schedule
Wednesday, 14 February 2024
10:00 - 18:00
Thursday, 15 February 2024
9:15 - 12:30

Registration Information
Save $300 by registering before 9 January 2024

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*Note: To Attend the LEA/DHS/IC/DoD Training Tracks 2, 3, 4, 5, 6 and 7 you must be a sworn law enforcement officer or military/intelligence/government employee. Also you must register by 9 February 2024 in order to verify eligibility. Government photo ID required for Tracks 2, 3, 4, 5, 6 and 7 classroom access.

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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
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