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

5-7 SEPTEMBER 2023 • SHANGRI-LA HOTEL • SINGAPORE

Where Law Enforcement, Government Intelligence Agencies and Financial Crime Investigators turn for Technical Training and Product Selection

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89 LEA/Interior Security/Intel Training Sessions and Courses to Choose From
ISS World Asia 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 Asia 2023 Agenda**

**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 Training and Product Demonstrations

**Track 7**
Electronic Surveillance Training and Product Demonstrations

**Track 8**
5G Lawful Intercept, Tracking and Forensics Product Training

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

**Tuesday, 5 September 2023**

**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 (6 classroom hours)

**Seminar #2**

### 8:30-15:00

**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.

**ISS World Asia Exhibit Hours**

**Wednesday, 6 September 2023**

10:00-18:00

**Thursday, 7 September 2023**

10:00-13:30

To Review Complete Agenda or To Register, Go To WWW.ISSWORLDTRAINING.COM
**Seminar #5**
10:30-11:15
Defeating Network Encryption: What Law Enforcement and The Intelligence community Needs to Understand
- Matthew Lucas (Ph.D., Computer Science, VP, TeleStrategies)

**Seminar #6**
11:30-12:15
Locating and Tracking Devices by MAC Addresses and app-based SDKs: Limitations and Emerging OS-based Privacy Measures (e.g., Apple/Google)
- Matthew Lucas (Ph.D., Computer Science, VP, TeleStrategies)

**Seminar #7**
11:45-12:30
Open Source Tools, PART 2. Top 20 FREE Open Source Tools (OSINT) Used in Cybercrime Investigations
- Presented by: Mark Bentley, Communications Data Expert, National Cyber Crime Law Enforcement, UK Police

**Tuesday, 5 September 2023**
14:15-15:00
Accelerating investigation workflows with specially designed IT- and phone forensic laboratories
Cyfluene, fake news and campaign detection
- Stefan Heimgaertner, mh Service GmbH

**Wednesday, 6 September 2023**
13:45-14:30
Mobile tracking & geodata-driven investigations
- Presented by Intersec

**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.

**Track 2**
LEA, Defense and Intelligence Analyst Product Demonstrations
This track is only open to Law Enforcement, Public Safety and Government Intelligence Community Attendees.

**Thursday, 7 September 2023**
11:30-12:15
Recognizing Traffic Data and digital profiling via social networks and devices - digital shadows
- Presented by: Matthew Lucas (Ph.D., Computer Science, VP, TeleStrategies)

**Wednesday, 6 September 2023**
13:45-14:30
Mobile tracking & geodata-driven investigations
- Presented by Intersec

**Track 2**
LEA, Defense and Intelligence Analyst Product Demonstrations
This track is only open to Law Enforcement, Public Safety and Government Intelligence Community Attendees.

**Tuesday, 5 September 2023**
08:30-09:15
Complex investigation Use Cases. Multiple Cyber Intelligence tools coordinated to achieve significative results.
- Presented by AREA

09:30-10:15 **SESSION A**
Cyclops Analysis: Determine the impact of Carrier in Carrier technology on your satellite monitoring capabilities.
- Presented by VASTech

09:30-10:15 **SESSION B**
Wireless Spatial Intelligence Analysis and Location under 24Ghz
- Presented by Sinovatio

10:30-11:15 **SESSION A**
The Future of Lawful Intelligence: fusing OSINT and high-accuracy location with voice and other data sources for quick identity resolution
- Presented by SS8

10:30-11:15 **SESSION B**
Anonymity vs. You: Accelerated WEBINT insights to identify virality, influencers and unmask suspects across social networks

**Seminar #3**
8:30-9:15
Understanding Mobile 2G, 3G, 4G & 5G NSA Infrastructure and Law Intercepts for Technical Investigator
- 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**
9:30-10:15
Understanding 5G Stand Alone, NFV, Edge Computing and Network Slicing
- 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.
Wednesday, 6 September 2023
13:00-13:40 SESSION A
Follow your suspect down the Rabbit Hole.
- Presented by AREA
13:10-13:40 SESSION B
ORCA - rule the ocean of metadata
- Presented by VASTech

13:00-13:40 SESSION C
Pulling Intelligence from the Edge
- Presented by JSI

13:45-14:30 SESSION A
Revolution in Audio Investigations
- Presented by Phonexia
13:45-14:30 SESSION B
Dark what?! Telegram is now the hub for hackers, fraudsters and other criminals
- Presented by S2T
13:45-14:30 SESSION C
Streamlining law enforcement and national security communities through convergent intelligence and security technologies
- Oskar Axelsson, Product Manager, Xolaris
15:00-15:40 SESSION A
Simplify investigation with one platform
- Presented by ATIS
15:00-15:40 SESSION B
CDRs of WhatsApp, Signal, Telegram and other encrypted VoIP messaging applications
- Presented by ClearTrail
15:00-15:40 SESSION C
Human weakness vs Device Weakness
- Presented by RCS S.p.A.
16:20-17:00 SESSION A
Every piece of data tells a story – combine and analyze data from any source in your digital investigation.
- Mark Uldahl, CTO, XCI A/S
16:20-17:00 SESSION C
Early detection of malware, bots and advanced persistent threats (APTs) on high-speed networks at a national scale
- Presented by ClearTrail

Thursday, 7 September 2023
08:30-09:10 SESSION A
Fibre Signal Analysis: What intelligence value does a fibre link contain?
- Presented by VASTech
09:15-10:00 SESSION B
Encryption Vs You: Identify potential suspects through mass IP metadata analysis at a countrywide scale
- Presented by ClearTrail
11:00-11:40 SESSION A
New perspectives for Strategic Investigation – Latest Innovations!
- Presented by Trovicor
11:00-11:40 SESSION B
How to empower the local workforce and enhance their capabilities in the fields of Lawful Interception
- Presented by Butterfly Effect

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, 5 September 2023
08:30-09:15 SESSION A
Massive Social Media data collection and analysis for Counter-Terrorism Intelligence Activities
- Presented by IPS
08:30-09:15 SESSION B
Investigate, prevent and mitigate risks of riots, terrorism, and crimes through a country-wide geospatial analytical AI.
- Presented by Butterfly Effect
09:30-10:15 SESSION A
WhatsApp, Telegram, Facebook... how IPS helps you to locate most wanted targets with LI
- Presented by IPS
09:30-10:15 SESSION B
No data scientists? No problem! Intuitive AI for SOCMINT
- Presented by Fivecast
10:30-11:15 SESSION A
Unique Social Media Relation and ID-Mapping Solution Against Encryption Challenges
- Presented by Sinovatio
11:30-12:15 SESSION B
Next Generation Data Fusion Monitoring Center: new ways of gathering intelligence
- Presented by RCS S.p.A.
13:15-14:00 SESSION A
LEVERAGING THE BIG DATA POWERHOUSE TO ADDRESS THE FINANCIAL CRIME OF ANTI MONEY LAUNDERING (AML)
- Omni Raider, RAKIA Group
14:15-14:35 SESSION B
Automatic Exploitation of Social Network, Deep and Dark Web to complement traditional Lawful Interception Infrastructure for Target Profiling.
- Presented by IPS
14:35-15:00 SESSION B
Cyber Threat Intelligence to accelerate online investigations
- Presented by IPS
Wednesday, 6 September 2023
09:10-10:00 | SESSION A
Overview of the Info-stealer Eco System on the deep & dark web
• Presented by S2W
09:10-10:00 | SESSION B
BIG DATA PLATFORM – A comprehensive, practical guide to getting the most out of your DATA
• Omri Raiter, RAKIA Group
13:00-13:40
Monitoring maritime crime and threats in supply chain using OSINT
• Presented by S2T
13:45-14:30
Using OSINT with visual link analysis to enhance your investigations
• Presented by Maltego
15:00-15:45 | SESSION A
Supercharged IPDR extraction and analysis - Advanced Internet Activity Analytics
• Presented by Trovicor
16:20-17:00 | SESSION A
Finding the Relevant Pieces of the Puzzle across Multiple Data Sources and Identifying Targets to Discover Real Identities
• Presented by Innosystec
16:20-17:00 | SESSION B
From Terabit per second network to intelligence: achieve full communication awareness unleashing the power of advanced metadata with dedicated Cyber intelligence solution.
Use cases and demonstration.
• Presented by AREA

Thursday, 7 September 2023
08:30-09:10 | SESSION B
Siren - The importance of search across multiple data sources in Law Enforcement and National Security
• Presented by Siren
09:15-10:00
COUNTER ILLEGAL ACTIVITY- From a mere hint to real threat mitigation!
• Omri Raiter, RAKIA Group

11:00-11:40 | SESSION A
Simplify investigation with one platform
• Presented by Babel Street
11:45-12:30
Open Source Tools, PART 2. Top 20 FREE Open Source Tools (OSINT) Used in Cybercrime Investigations
• Mark Bentley, Communications Data Expert, National Cyber Crime Law Enforcement, UK Police

Threat Intelligence Gathering and Cyber Security Product Training
This track is only open to Law Enforcement, Public Safety and Government Intelligence Community Attendees

Tuesday, 5 September 2023
09:30-10:15
The Investigation Cycle: Enhance Your Investigation with Multiple Sensors
• Presented by Rayzone Group
10:30-11:15 | SESSION A
Back to the Future Using ADINT Solutions
• Presented by Rayzone Group
13:15-14:00 | SESSION A
Cost effective cyber monitoring using all-optical switching
• Presented by Huber+Suhner
13:30-14:15
When Spyware Turns Phones Into Weapons: Addressing Mobile Devices Software and Hardware Vulnerabilities to Save Your Organization
• Presented by Feedback Italia

Wednesday, 6 September 2023
09:10-10:00
Meet the Expert: Dive Deep into the Challenges of Big Data Fusion
• Presented by Rayzone Group
13:45-14:30 | SESSION B
Cybersecurity Reinvented: Navigating the Landscape of Secure Communication in the Age of Threats, Hardware Vulnerabilities, and Post-Quantum Computing
• Presented by Feedback Italia
16:20-17:00
Early warning threat detection solution based on mobile, IOT Devices and IPs profiling networks (3/4/5G and WiFi) globally
• VP Sales and Marketing, GeoGence

Investigating DarkWeb, Bitcoin, Altcion 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.

Tuesday, 5 September 2023
11:30-12:15
• Presented by Uppsala Pte Ltd
13:15-14:00 | SESSION A
Live Demonstration of DarkOwl Vision: Darknet Intelligence Discovery and Collection
• David Alley, CEO, DarkOWL FZE
13:15-14:00 | SESSION B
Crypto trends and the power of blockchain to safeguard the industry
• Presented by Chainalysis

Wednesday, 6 September 2023
9:10-10:00
Money Laundering You Say? Insights from a Dataset of 1500 Cryptocurrency Cases
• Presented by Uppsala Pte Ltd
13:00-13:40
Offline darknet investigation with the Web-I-Qube
• Stefan Heimgaertner, mh Service GmbH

Mobile Signal Intercept 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, 5 September 2023
08:30-09:15
Understanding Mobile 2G, 3G, 4G and 5G NSA Infrastructure, Intercept and Cryptography
• Dr. Jerry Lucas, President, TeleStrategies
Thursday, 7 September 2023
9:15-10:00
Lawful Access to Location with Intersec GeoSafe LI
• Presented by Intersec

Wednesday, 6 September 2023
15:30-16:00
VSAT Networks: Tactical and Strategic Threat Detection and Geolocation
• Presented by Kratos

Thursday, 7 September 2023
8:30-9:10
Electronic Surveillance solutions family.
• Presented by AREA

11:45-12:30
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

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Registration after 22 July 2023........................................ $1,295

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*Note: To Attend the LEA/DHS/IC/DoD Training Tracks 2, 3, 4, 6 & 7 you must be a sworn law enforcement officer or military/intelligence/government employee. Also you must register by 2 September 2023 in order to verify eligibility. Government photo ID required for Tracks 2, 3, 4, 6 & 7 classroom access.

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