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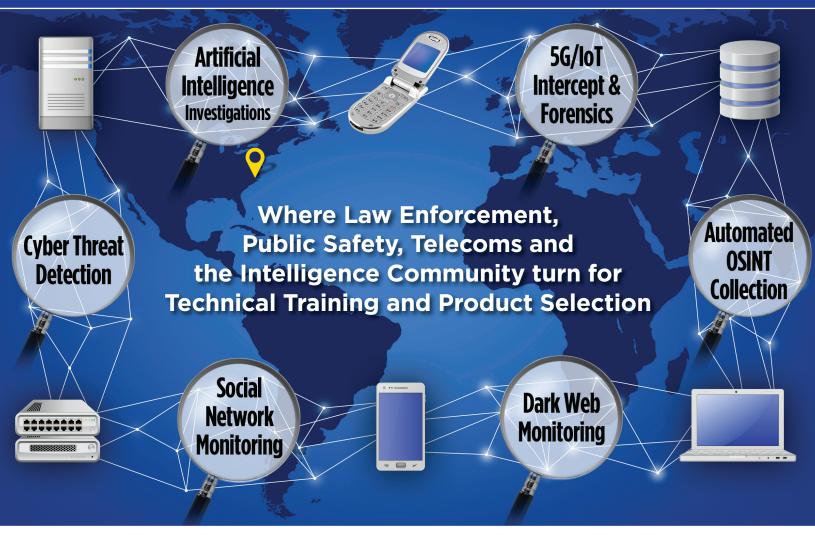# ISSWorld® *North America*

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

NOVEMBER 12-14, 2024 • WASHINGTON, DC

Artificial Intelligence Investigations

5G/IoT Intercept & Forensics

Cyber Threat Detection

Automated OSINT Collection

Where Law Enforcement, Public Safety, Telecoms and the Intelligence Community turn for Technical Training and Product Selection

Social Network Monitoring

Dark Web Monitoring

To Review Complete Agenda or To Register, Go To WWW.ISSWORLDTRAINING.COM

ISSWorld® *North America*

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

NOVEMBER 12-14, 2024 • WASHINGTON, DC

ISS World North America is the world's largest gathering of North American Law Enforcement, Homeland Security, Defense, Public Safety and other members of the Government Intelligence Community as well as Telecom Operators responsible for cyber threat intelligence gathering, DarkNet monitoring, lawful interception, and cyber-crime investigations.

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

Track 1
Lawful Interception and Social Network Monitoring Training

Track 2
LEA, Defense and Intelligence Gathering Product Presentations

Track 3
Social Network Monitoring, OSINT and Data Analytics Product Presentations

Track 4
Investigating Dark Web and Cryptocurrency Transaction Traceback

Track 5
Mobile Signal, 5G Intercept and Electronic Surveillance Product Presentations

ISS World North America 2024 Agenda at a Glance
Special Training Seminars (23 Classroom Hours)
- Led by Law Enforcement Officers and Ph.D Computer Scientists

Tuesday, November 12, 2024
Online Social Media and Internet Investigations
(6 Classroom Hours)
- 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**

Practitioners Guide to Internet Investigations
(6 Classroom Hours)
- Presented by: **Mark Bentley**, Communications Data Expert, National Cyber Crime Law Enforcement, **UK Police**

Understanding 2G/3G/4G/5G/6G Infrastructure for Lawful Intercept
(1 Classroom Hour)
- Presented by: **Dr. Jerry Lucas**, President, **TeleStrategies**

Understanding 5G NFV, Network Slicing and Edge Computing for Law Enforcement Investigators
(1 Classroom Hours)
- Presented by: **Matthew Lucas** (Ph.D., Computer Science, VP, **TeleStrategies**

ISS World North America Exhibit Hours

Wednesday, November 13, 2024
10:00 AM-6:00 PM

Thursday, November 14, 2024
9:30 AM-1:00 PM

Defeating Network Encryption: What Law Enforcement and The Intelligence Community Needs to Understand
(1 Classroom Hours)
- Presented by: **Matthew Lucas** (Ph.D., Computer Science, VP, **TeleStrategies**

Understanding How AI Empowers ISS Products, LEAs and Intelligence Agencies
(1 Classroom Hours)
- Presented by: **Matthew Lucas** (Ph.D., Computer Science, VP, **TeleStrategies**

Generative AI (e.g., ChatGPT): Hype vs. Reality and Law Enforcement Friend or Foe
(1 Classroom Hours)
- Presented by: **Matthew Lucas** (Ph.D., Computer Science, VP, **TeleStrategies**

A Real World Look at Investigations in the Dark Web
(6 Classroom Hours)
- Presented by: **Todd G. Shipley**, CFE, CFCE, and Co-Author of Investigating Internet Crimes: An Introduction to Solving Crimes in Cyberspace and Retired Investigator, **Reno NV, Police Department**

Wednesday, November 13, 2024

8:15-8:30 AM
Welcoming Remarks
- Tatiana Lucas, ISS World Program Director, **TeleStrategies**

8:30-9:00 AM
Top Ten Challenges Facing Law Enforcement and the Government Intelligence Community and Who at ISS World North America Has Solutions
- Dr. Jerry Lucas, President, **TeleStrategies**

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Track 1

Lawful Interception and Social Network Monitoring Training

Tuesday, November 12, 2024

9:00 AM-5:00 PM

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**

9:00-10:00

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

10:15-11:15

Tor, Onion Routers, Deepnet, and Darknet: An Investigator's Operational Perspective

11:30-12:30

How Criminals Exploit Darknet Services and Dark Markets: A Deep Dive for Criminal Investigators

1:30-2:30

Tor, Onion Routers, Deepnet, and Darknet: Investigative Strategies & Case Studies

2:45-3:45

Device Geolocation Through GPS, Wi-Fi Triangulation, Cell Site Trilateration, BLE Beacons, and Ultra-Wideband: What Investigators Need to Know

4:00-5:00

Collecting Evidence from Online Communication: Building a Cyber-OSINT Toolbox

11:30 AM - 12:30 PM

Understanding How AI Empowers ISS Products, LEAs and Intelligence Agencies

- Matthew Lucas (Ph.D., Computer Science, VP, **TeleStrategies**

1:30-2:30 PM

Generative AI (e.g., ChatGPT): Hype Vs. Reality and Law Enforcement Friend or Foe

- Matthew Lucas (Ph.D., Computer Science, VP, **TeleStrategies**

Wednesday, November 13, 2024

1:00-1:45 PM

From Fragments To Full Picture: Unraveling Complex Criminal Networks With Skopenow

- Presented by **Skopenow**

2:00-2:45 PM

percipient.ai: Accelerating Human Understanding for the Most Important Missions On Earth

- Presented by **percipient.ai**

Thursday, November 14, 2024

8:30-9:30 AM

Generative AI: Implementation Experience and Lessons Learned for Law Enforcement and Intelligence Agencies

- Matthew Lucas (Ph.D., Computer Science, VP, **TeleStrategies**

10:30-11:30 AM

Understanding the Implications of Online Social Media for OSINT During Critical Incidents

- 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**

Track 2

LEA, Defense and Intelligence Gathering Product Presentations

* Note: Sessions in this track are only open to Law Enforcement, Public Safety and Government Intelligence Community Attendees.

Tuesday, November 12, 2024

9:00 AM-5:00 PM

Practitioners Guide to Internet Investigations

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

9:00-10:00

The Internet, and How Suspects Leave a Digital Footprint. How the System Works For Us, As Investigators

10:15-11:15

Recognizing Traffic Data and Digital Profiling Via Social Networks and Devices—Digital Shadows

11:30-12:30

WIFI, Geolocation, and Mobile Data Traces and Tracking

1:30-2:30

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

2:45-3:45

Advanced Techniques In Tracing Suspects, and Lateral Problem Solving

4:00-5:00

Open Source Tools, PART 1. Resources, Tradecraft and Techniques—Highlighting the Best Free Tools and Resources

Wednesday, November 13, 2024

9:10-10:00 AM

Every Piece of Data Tells a Story—Combine and Analyze Data From Any Source In Your Digital Investigation

Jesper Lund Nielsen, Sales Director, XCI A/S

1:00-1:45 PM

WhatsApp, Telegram, Facebook... How IPS Helps You To Locate Most Wanted Targets With LI

• Presented by **IPS**

2:00-2:45 PM `SESSION A`

From Electronic Surveillance To Encrypted Communication Analysis Challenges, Solved With Integrated Cyber Intelligence Solutions. A Structured Case-Study

• Presented by **AREA**

2:00-2:45 PM `SESSION B`

Refocusing Audio Recordings: A New Paradigm for Speech Enhancement

• Presented by **Wave Sciences, LLC**

3:15-4:00 PM `SESSION A`

Forensic Content Derived Metadata With Powerful Data Fusion and Analysis Unleashes the Intelligence Hidden In the Encrypted Communications. Use Cases and Demonstration.

• Presented by **AREA**

3:15-4:00 PM `SESSION B`

Recovery CAT: Technology for Government To Find, Identify, and Increase Seizures of Digital Assets

• Presented by **CAT Labs**

Thursday, November 14, 2024

8:30-9:30

Solving the Challenges Of Data-Fusion and Validation: Communication Data, Live Lawful Interception Data, Mobile Forensics Extraction and More In a Single Platform. Use Cases and Demonstration.

• Presented by **AREA**

10:30-11:30

Electronic Surveillance Solutions To Investigate In the Field and Operate Form a Unified, AI Enabled, Centralized Cyber Intelligence Platform. Use Cases and Demonstration.

• Presented by **AREA**

Track 3

Social Network Monitoring, OSINT and Data Analytics Product Presentations

* Note: Sessions in this track are only open to Law Enforcement, Public Safety and Government Intelligence Community Attendees.

Tuesday, November 12, 2024

2:45-3:45 PM

Digital Intelligence Supercharged: OSINT and Digital Forensics Investigations With CoAnalyst Generative AI Platform

• Presented by **Cobwebs**

4:00-5:00 PM

Beyond Borders: Mastering Passenger Screening With Big Data Fusion

• Presented by **RAKIA Group**

Wednesday, November 13, 2024

9:10-10:00 AM

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

• Presented by **Cobwebs**

9:10-10:00 AM

Mastering the Digital Landscape: Live Demo of Majestic 5

• Presented by **RAKIA Group**

1:00-1:45 PM `SESSION C`

Unveiling the Power of OSINT and Evidentiary Data Integration: A Blueprint for Case Resolution

• Presented by **Cobwebs**

1:00-1:45 PM `SESSION D`

Big Data Fusion Driving Seamless Digital Operations Transformation

• Presented by **RAKIA Group**

2:00-2:45 PM `SESSION B`

Chasing the Money: Utilizing Financial Data To Create Effective Cases

• Presented by **Cobwebs**

3:15-4:00 PM `SESSION A`

Stealer Logs: Intro and Discussion of How They Can Be Leveraged for OSINT Investigations

• Presented by **District 4**

3:15-4:00 PM `SESSION B`

The Ultimate AI-Driven Intelligence To Monitor and Extract Meaningful Information From Social Media and Traditional Media Like TV and Radio To Improve National Security. A Live Demo.

• Presented by **IPS**

4:15-5:00 PM `SESSION B`

Discovering China Support To Mexican Drug Cartels By Using Behavior Based Insights

• Jim Bourie, CEO, **Torchlight**

4:15-5:00 PM `SESSION C`

From Data Deluge To Actionable Intelligence: Skopenow's Solutions for Internet Investigations

• Presented by **Skopenow**

Thursday, November 14, 2024

8:30-9:30 AM

Automatic Exploitation of Social Network, Deep and Dark Web To Complement Traditional Lawful Interception Infrastructure for Target Profiling

• Presented by **IPS**

12:00-1:00 PM

Maritime Threats Prediction, Detection and Monitoring With Revolutionary Fusion Intelligence Platform. A Real Use-Case.

• Presented by **IPS**

12:00-1:00 PM

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**

Investigating Dark Web and Cryptocurrency Transactions Traceback

* Note: Sessions in this track are only open to Law Enforcement, Public Safety and Government Intelligence Community Attendees.

Tuesday, November 12, 2024
A Real World Look At Investigations In the Dark Web

- Presented by: Todd G. Shipley CFE, CFCE, and CoAuthor of, Investigating Internet Crimes: An Introduction to Solving Crimes in Cyberspace and retired investigator, Reno NV, Police Department

9:00-10:00 AM
The Dark Web, What It Is and What It Is Not

10:15-11:15 AM
To TOR Or Not To TOR

11:30-12:30 PM
CryptoCurrency and Its Use In the Dark Web

1:30-2:30 PM
Going Undercover On the Dark Web

2:45-3:45 PM
Using Web Bugs and Other Technology To Locate A Suspect

4:00-5:00 PM
Advanced Dark Web Investigations, Identifying the Anonymous Use

Wednesday, November 13, 2024

9:10-10:00 AM
Blockchain Intelligence: A New Frontline Against North Korean Cyber-Financing Activities

- Presented by **Elliptic**

Mobile Signal Intercept, 5G and Electronic Surveillance Product Presentations

* Note: Sessions in this track are only open to Government Attendees, unless marked otherwise

Tuesday, November 12, 2024

9:00-10:00 AM
Understanding 2G/3G/4G/5G/6G Infrastructure for Lawful Intercept

- Dr. Jerry Lucas, President, **TeleStrategies** (Open to all attendees)

10:15-11:15 AM
Understanding 5G NFV, Network Slicing and Edge Computing for Law Enforcement Investigators

- Matthew Lucas (Ph.D., Computer Science), VP, **TeleStrategies**

Wednesday, November 13, 2024

4:15-5:00
Centralized 5G Ready Cyber-Intelligence AI Enabled Monitoring Centre To Support the Challenges of Lawful Interception and Electronic Surveillance. Hands On.

- Presented by **AREA**

Registration Information *Save $300 by registering before October 12, 2024*

Law Enforcement/DHS/IC/DoD Registration*

ISS World Conference Tracks, Training Tracks 1 through 5
Pre-Conference Seminars plus Exhibits.............................$995
Registration after October 12, 2024................................$1,295

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Pre-Conference Seminars plus Exhibits.............................$995
Registration after October 12, 2024................................$1,295

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Pre-Conference Seminars and Exhibits $995
Registration after October 12, 2024................................$1,295

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

Free Colleague Registration: Register as paid and you can invite a colleague to join you at ISS World North America 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 complete with your contact information. You can register your guest at no charge at a later time.

Conference and Exhibitions: The conference and exhibits will be held at the Sheraton Pentagon City Hotel at 900 South Orme Street, Arlington, VA 22204 in suburban Washington, DC. Phone: 1-703-521-1900.

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 law enforcement, other government employee, private enterprise security/investigative personnel, telecom operator or an ISS vendor with LI, electronic surveillance, social media monitoring or analytics products. If you have questions e-mail Tatiana Lucas, ISS World Director at talucas@telestrategies.com

Registration

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