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

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

151 LEA/Interior/DoD Training Sessions and Courses to Choose From
ISS World Europe 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 EUROPE 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 (1 classroom hours)
- **Mathew Lucas** (Ph.D., Computer Science), VP, TeleStrategies (3 classroom hours)
- **Vladimir Vesely** (Ph.D., Computer Science) Researcher, Brno University of Technology (3 classroom hours)

**Tuesday, 4 June 2024**

**SEMINAR #1**

08:30-15:05

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

10:30-11:15

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

11:30-12:15

Cellular Handset Geolocation: Investigative Opportunities and Personal Security Risks

13:15-14:00

Ultra-Wideband Geolocation and Cyber OSINT

14:15-15:00

Collecting Evidence from Online Social Media: Building a Cyber-OSINT Toolbox

**SEMINAR #2**

08:30-15:05

Practitioners Guide to Internet Investigations

(THESE SEMINARS ARE ONLY OPEN TO LEA AND GOVERNMENT ATTENDEES)

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

**SEMINAR #3**

08:30-09:20

Understanding Mobile 2G, 3G, 4G & 5G NSA 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**

09:25-10:15

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. (Full description below Track 9)

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.

08:30-09:20

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

09:25-10:15

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

10:35:11:25

WIFI, geolocation, and Mobile Data traces and tracking

11:30-12:20

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

13:20-14:10

Advanced Techniques in Tracing Suspects, and lateral problem solving

14:15-15:05

Open Source Tools, PART 1. Resources, tradecraft and techniques - highlighting the best free tools and resources

**ISS World Europe Exhibit Hours**

**Wednesday, 5 June 2024**

10:00 - 18:15

**Thursday, 6 June 2024**

10:00 - 13:00

To Review Complete Agenda or To Register, Go To WWW.ISSWORLDTRAINING.COM
SEMINAR #5
10:35-11:25
Understanding How AI Empowers ISS Products, LEAs and Intelligence Agencies

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

SEMINAR #6
11:30-12:20
Generative AI (e.g., ChatGPT): Hype vs. Reality and Law Enforcement Friend or Foe

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

Thursday, 6 June 2024

SEMINAR #7
13:00-14:00
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

Wednesday, 5 June 2024

8:15-8:30
Welcoming Remarks

- Tatiana Lucas, ISS World Program Director, TeleStrategies
- 8:30-9:00
This seminar is only open to LEA and Government Attendees

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

- Dr. Jerry Lucas, President, TeleStrategies

Lawful Interception and Criminal Investigation Training

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

Tuesday, 4 June 2024

15:25-16:05 SESSION B
Accelerating investigation workflows with specially designed IT-forensic laboratories incl. Cyflueno, fake news and campaign detection

- Presented by mh-service GmbH
15:25-16:05 SESSION C
AI-enabled Government Intelligence for multilingual content using Language Weaver Machine Translation

- Claudiu Stiube, Senior Principal Solutions Consultant, RCS

16:10-17:00
ETSI/3GPP LI/LD Standards Update

- Martin Kissel, ETSI TC LI Chairman and Coordinator Lawful Interception, Telefónica Germany
- Carmine Rizzo, ETSI TC LI Technical Officer and 3GPP SA3-LI Secretary, ETSI

Wednesday, 5 June 2024

13:00-13:40
5G LI Technical Compliance Challenges from a Mobile Operator Industry Perspective

- Alex Leadbeater, Technical Security Director GSMA, Chair 3GPP SA3-LI / ETSI TC Cyber

13:45-14:30 SESSION A
Location investigations: beyond compliance using mass location techniques

- Presented by Intersec
13:45-14:30 SESSION B
Fighting Crime with Cutting-Edge Speech Technologies

- Jiří Nezval, Phonedia
15:00-15:40 SESSION A
Analyzing Social Networks

- Presented by MKCVI
15:00-15:40 SESSION B
Interception Challenges on VoLTE Network for LEA's

- Serkan Altmışık, General Director, Interprobe & Mustafa Göksu Gürkas, Director of Software Development, Interprobe
16:30-17:15 SESSION A
Unlocking Hidden Insights: Exploring Metadata Extraction against Encrypted Data

- Presented by RCS S.p.A.
16:30-17:15 SESSION B
Using OSINT in offensive operations'

- Sylvain HAJRI, Epieos

Thursday, 6 June 2024

08:30-9:10 SESSION B
Understanding the Implications of Online Social Media and 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

13:45-15:25 SESSION A
Beyond LI: Advanced Investigative Intelligence that Goes Above and Beyond: Combining ADINT and VISINT for a Better Decision Making

- Presented by Rayzone Group
13:45-15:25 SESSION B
Beyond LI: Advanced Investigative Fusion Technologies for an Evolving Digital Landscape

- Presented by JSI Group
10:35-11:25 SESSION B
Intelligence that Goes Above and Beyond: Combining ADINT and VISINT for a Better Decision Making

- Presented by Rayzone Group
11:30-12:20 SESSION A
The future of digital data collection and analytics

- Ariel Karayev, Strategic Pre-Sales Expert, Cellebrite
11:30-12:20 SESSION C
Forensic analysis of smartwatches, mobile phones and clouds

- Presented by Compelson
13:20-14:10 SESSION A
Silent Data Gathering on Latest Generation Devices.

- Presented by RCS S.p.A.
Zero-Click Attacks - The Holy Grail:
- Presented by Candiru

OSINT and Forensic Data Consolidation For Modern Investigations
- John Randles, CEO, Siren
- Richard Chen, EMEA Professional Services, Siren

Every piece of data tells a story - combine and analyze data from any source in your digital investigation.
- Mark Udahl, CTO, XCI A/S
- Fast visualization, analysis and fusion of large data sets from different sources
- Presented by ATIS

Smartphones and PCs interception
- Presented by MOLLITIAM CYBERINTELLIGENCE

Effective photo and video investigations: from CCTV enhancement and analysis to deepfake detection in OSINT media
- Presented by Amped Software

How Lawful Interception benefits from Traffic Filtering.
- Presented by Group 2000

Linking and analyzing data with different classifications or sensitivity across intelligence fields on the TOVEK platform
- Presented by Tovek

A Deep Dive in to Mobile Exploitation - A Full Chain overview
- Presented by SecFence

Operations Security (OpSec) in Offensive Mobile & PC operations (ft. How to make your Zero-Days last longer)
- Presented by SecFence

From Leaks to Lockdown: Profiling Suspects Using Their Compromised Credentials
- Presented by StealthMole

Expanding Operational Awareness and Uncovering Digital Footprints with AI-Driven Data Fusion
- Presented by JSI Group

Supercharged IPDR extraction and analysis - Encrypted IP Applications and Advanced Internet Activity Analytics
- John Senior, CEO, Trovicor Intelligence

Breaking Barriers: How SATCOM Intelligence Can Fill Communication Gaps in Law Enforcement Investigations
- Presented by Cognyte

Using situational awareness and C2 tools to achieve faster decisions and actions during operations
- Presented by Drakontas LLC

IPS helps you to locate most wanted targets with LI
- Presented by IPS

Exploiting the power of Advanced AI to anticipate and prevent attacks on critical infrastructure
- Sam Holt, Sr. Solutions Architect, Voyager Labs

Future of Traffic Summarization for LI: Correlating Carrier-Grade NAT (CGNAT) at Carrier Scale and Speed
- Presented by Packet Forensics

Advancing Data Inception Solutions for Narrow Bandwidth and IoT Devices
- Presented by SBS Networks

The Encryption Battlefield: Leveraging Metadata for Real-World Intelligence Missions
- Presented by ClearTrail

Exploiting the power of Advanced AI to anticipate and prevent attacks on critical infrastructure
- Sam Holt, Sr. Solutions Architect, Voyager Labs

VASTech Cyclops: Real-world results showing the impact of Carrier-in-Carrier technologies on your satellite monitoring capabilities
- Presented by VASTech

IPS

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

Exploiting the power of Advanced AI to anticipate and prevent attacks on critical infrastructure
- Sam Holt, Sr. Solutions Architect, Voyager Labs

Future of Mass Data Visualisation for fast and precise actionable intelligence.
- Presented by Innosystec

TikTok challenges: Adapting to new and evolving platforms
- Presented by Fivestack

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

How to Uncover a Money Laundering Network in 7 Steps
- Presented by Cognyte
Wednesday, 5 June 2024

9:10-10:00 SESSION A
Location & Open Source Intelligence: Real Life Case Studies & Live Demonstration
- Presented by Cobwebs

10:00-10:15 SESSION B
From IOC to threat actors hunting
- Presented by Cobwebs

10:45-11:45 SESSION C
Revolutionize OSINT with ChatGPT and LLMs: a Practical Guide
- Presented by S2T Unlocking Cyberspace

13:00-14:00 SESSION A
AI & geolocation for homeland security
- Presented by Intersec

14:00-14:45 SESSION B
OSINT For Counter Extremism in Europe
- Presented by Fivecast

14:45-15:45 SESSION C
BIG DATA PLATFORM – A comprehensive, practical guide to getting the most out of your DATA
- Presented by Omri Raiter, RAKIA Group

15:45-17:00 SESSION A
Threat Intelligence Gathering and Cyber Security Product Training
This track is only open to Law Enforcement, Public Safety and Government Intelligence Community Attendees.

16:00-17:00 SESSION B
OSINT Case Study: Leveraging Open Data to Make Breakthroughs in an Arms Trafficking Investigation
- Christof De Windt, OSINT Specialist at the Federal Judicial Police of Belgium
- Alexandra Samuseva, Customer Success Manager, Social Links

16:10-17:00 SESSION D
From IOC to threat actors hunting
- Presented by Shadow Dragon

Thursday, 6 June 2024

8:30-9:20 SESSION A
Shedding light on the Info-stealer Eco System
- Presented by S2W

10:20-11:10 SESSION A
Live Demonstration of DarkOwl Vision: Darknet Intelligence Discovery and Collection
- David Alley, CEO, DarkOWL FZE

11:45-12:30 SESSION B
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

12:30-13:15 SESSION C
How to accelerate avatar-based social network intelligence gathering while staying secure?
- Presented by Corexalys

13:45-14:30 SESSION D
Investigate, prevent and mitigate, risks of riots, terrorism, and crimes through a country-wide geo-analyticAI.
- Presented by Butterfly Effect

14:30-15:15 SESSION B
AI & geolocation for homeland security
- Presented by Intersec

15:15-16:15 SESSION C
Big Data Platform – A comprehensive, practical guide to getting the most out of your data
- Presented by Omri Raiter, RAKIA Group

16:00-17:00 SESSION A
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17:00-17:45 SESSION D
From IOC to threat actors hunting
- Presented by Shadow Dragon
Tuesday, 4 June 2024
8:30-9:20 SESSION B
Understanding Mobile 2G, 3G, 4G and 5G NSA Infrastructure, Intercept and Cryptography
• Dr. Jerry Lucas, President, TeleStrategies
10:35-11:25
Satellite Networks: Detecting, Locating and Interception transmitters
• Presented by Kratos
11:30-12:20
Advanced SatCom Monitoring in tactical and strategic scenarios
• Presented by Rohde Schwarz

13:20-14:10 SESSION A
Streaming Visual Intelligence from IoT
• Presented by Interionet
14:15-15:05 SESSION A
A Revolutionary AI Based network independent 5G SA cellular locator
• Presented by Septier
14:15-16:05 SESSION B
Why mobile phone location accuracy matters for successful missions
• Chris Fritz, Polaris Wireless
15:25-16:05 SESSION A
Secure the smartphone data at rest and in transit - Bittium secure communication solutions
• Presented by Bittium
16:10-17:00
Mobile tracking with a narcotic investigation
• Presented by Intersec

Wednesday, 5 June 2024
9:10-9:30
(Very) Connected Cars: How Identity Collection From Vehicles Can Help Fight Crime
• Presented by Cognyte
9:30:10
It’s Compact...It’s Covert...It’s a Micro-Tactical Suite - Operating Everyday Field Missions in Versatile Environments
• Presented by Cognyte
13:00-13:40
Strategic Satellite Monitoring
• Presented by Secure Information Management GmbH
13:45-14:30
ArrowCell - Securing your Cellular Environment, Anywhere, Anytime
• Presented by Rayzone Group
15:45-16:25
A Revolutionary AI Based network independent 5G SA cellular locator
• Presented by Septier

Track 7
Electronic Surveillance Training and Product Presentations
This track is for law enforcement investigators and the government intelligence community who are responsible for deploying video, audio and GPS surveillance products and only open to Law Enforcement, Public Safety and Government Intelligence Community Attendees.

Tuesday, 4 June 2024
9:25-10:15
Understanding 5G Stand Alone NFV, Edge Computing and Network Slicing
• Matthew Lucas (Ph.D, Computer Science), VP, TeleStrategies
14:15-15:05
Transforming security intelligence with high accuracy 5G location
• Presented by SS8
15:25-16:05
Keep using your IMSI Catchers and Direction Finders in the 5G SA Era
• Presented by Group 2000
16:10-17:00
Update on 5G NR Mobile Radio Analysis – Network Survey and SUPI Catchers
• Presented by Rohde Schwarz

Wednesday, 5 June 2024
13:45-14:30 SESSION A
Liberating Experts in Tracking and Video Surveillance
• Presented by ProximalIT
13:45-14:30 SESSION B
New Microphone Arrays from Squarehead
• Vilbeke Jahr, COO and Founder, Squarehead Technology

Track 8
5G Lawful Interception Product Training
This track is only open to Law Enforcement, Public Safety and Government Intelligence Community Attendees.

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