TeleStrategies®

ISSWorld® *Middle East & Africa*

Intelligence Support Systems for Electronic Surveillance, Social Media/DarkNet Monitoring and Cyber Crime Investigations

28-30 JUNE 2021 • JW MARRIOTT • DUBAI. UAE

AI For Web Intellegence

Defeating Encryption

Bitcoin Blockchain Analysis

4G/5G Intercept & Tracking

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

ISS World® Middle East & Africa

Intelligence Support Systems for Electronic Surveillance, Social Media/DarkNet Monitoring and Cyber Crime Investigations

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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 Training

Track 3
Social Network Monitoring and Cyber Threat Detection Training

Track 4
Investigating DarkWeb, Bitcoin, Altcoin and Blockchain Transaction

Track 5
Artificial Intelligence and Facial Recognition, Threat Detection Training

Track 6
5G Lawful Intercept and Forensics Training

Track 7
Mobile Signal Intercept and Electronic Surveillance Training

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

ISS World MEA Exhibits Schedule:

Tuesday, 29 June 2021
10:00 - 18:00

Wednesday, 30 June 2021
9:30 - 12:30

ISS WORLD MEA 2021 PROGRAM AGENDA

Advanced HI-Tech Cyber Investigation Training Seminars Led by former Law Enforcement Officers and Ph.D Computer Scientists

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

- **Charles Cohen** a Vice President at **NW3C, the National White Collar Crime Cente**r, 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** (3 classroom hours)
- **Matthew Lucas** (Ph.D., Computer Science), Vice President, **TeleStrategies** (3 classroom hours)
- **Vladimir Vesely** (Ph.D., Computer Science) Researcher, **Brno University of Technology** (3 classroom hours)

Monday, 28 June 2021

SEMINAR #1

9:00-17:00
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**

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 Perspective

11:30-12:30
Tor, onion routers, Deepnet, and Darknet: A Deep Dive for Criminal Investigators

13:30-14:30
Cellular Handset Geolocation: Investigative Opportunities and Personal Security Risks

14:45-15:45
Collecting Evidence from Online Social Media: Building a Cyber-OSINT Toolbox (Part 1)

16:00-17:00
Collecting Evidence from Online Social Media: Building a Cyber-OSINT Toolbox (Part 2)

SEMINAR #2

9:00-17:00
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.

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

13:30-14:30
Awareness of Emerging Technologies, Masking Tech and Tools, TOR and proxies

14:45-15:45
Advanced Techniques in Tracing Suspects, and lateral problem solving

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

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16:00-17:00
Open Source Tools, resources and techniques - A walk through my free law enforcement open source tools site

SEMINAR #3
9:00-10:00
Understanding Mobile 2G/3G/4G/5G Infrastructure and Lawful Intercept for Technical Investigators

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

This session covers what technical investigators need to know about 2G/3G/4G infrastructure, SIM Cards, Authentication, CDR analysis, SS7, Cellular encryption and more.

SEMINAR #4
10:15-11:15
Understanding 5G Network Core (NFV, SDN, EDGE Computing and Network Slicing) for Law Enforcement Investigators

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

This session presents the challenges telecom operators and law enforcement face with the transition from a 4G/LTE to a 5G Core.

SEMINAR #5
11:30-12:30
Cybercurrency 101: What Technical Investigators Need to Know about Bitcoin and Altcoin Transactions, Dark Web Commerce and Blockchain Analysis

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

This 101-training seminar is an introduction to Bitcoin, how the system is used to support criminal activities (e.g. Dark Web) and why technical investigators need to understand the basic Bitcoin transaction mechanism (Blockchain) to successfully defeat 21st century criminals and terrorist actions. Specifically, this introduction to Bitcoin for technical investigators

SEMINAR #6
13:30-14:30
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 #7
16:00-17:00
SSL/TLS Interception Workshop (TLS1.3 edition)

- Presented by: Jan Pluskal (Researcher) and Matej Gregr (Ph.D., Computer Science, Researcher), **Brno University of Technology**

The presentation introduces methods for intercepting TLS/SSL connections. The focus is on man-in-the-middle attack employing proxy and other ways how to obtain unencrypted content of the TLS/SSL session. Speakers outline necessary theory (including news about TLS 1.3), well-known attacks (e.g., renegotiation, downgrade, cipherspec change, and others) and industry-standard tools (such as Wireshark, NetFox Detective, Fiddler Proxy and SSL-Split). The session also includes a live demonstration of the MitM attack on HTTPS connections enhanced with form-logging JavaScript injection. Participants will receive free of charge access to the testbed, which consists of real devices (and their traffic), including the prototype of our hardware probe decrypting SSL/TLS on-the-fly.

Wednesday, 30 June 2021
SEMINAR #8
12:00-13:00
Top 20 Open Source Tools (OSINT) Used in Cybercrime Investigations

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

Tuesday, 29 June 2021
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. Note, some session are LEA/Government Only and marked accordingly in "**RED**"

Monday, 28 June 2021
16:00-17:00
SSL/TLS Interception Workshop (TLS1.3 edition)

- an Pluskal (Researcher) and Matej Gregr (Ph.D., Computer Science, Researcher), **Brno University of Technology**

Tuesday, 29 June 2021
9:00-10:00 **SESSION A**
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**

9:00-10:00 **SESSION B**
Protecting Mobile Networks and Infrastructure from External Threat Actors

- Presented by **Adaptive Mobile**

13:00-14:00
Memento Labs presents: "DANTE": the [divine] journy of Lawful Interception

- Presented by **Memento Labs**

Wednesday, 30 June 2021
12:30-13:30
Password Cracking Workshop

- Jan Pluskal (Researcher) and Matej Gregr (Ph.D., Computer Science, Researcher), **Brno University of Technology**

Track 2

LEA, Defense and Intelligence Analyst Product Demonstrations

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

Monday, 28 June 2021
13:30-14:30
Sandvine Next Gen Lawful Intercept

- Presented by **Sandvine**

Tuesday, 10 March 2020

9:00-10:00 `SESSION A`

Drones - The threats of the new world.

- Presented by Eclipse, NSO Group

9:00-10:00 `SESSION B`

Following the black rabbit - Advanced targets monitoring

- Presented by Memento Labs

13:00-14:00 `SESSION A`

Live Demo. Real Cyberoperation, invisible control of Android smartphones and Window/macOS systems

- Presented by MOLLITIAM CYBERINTELLIGENCE

13:00-14:00 `SESSION B`

Digital Toolbox: the investigator's best friend

- Presented by AREA

14:30-15:30 `SESSION A`

Target Tracking and Mass Positioning for Individuals and Groups: Use Cases and Implementation in Cellular Networks.

- Presented by Applicata

14:30-15:30 `SESSION B`

Cyber Intelligence in Our Increasingly Privacy & Security Consious Environment

- Presented by Wintego

Wednesday, 30 June 2021

8:30-9:30

Guess who is using THAT App in your Country

- Presented by AREA

10:30-11:30

Practical and creative example of modifying Android OS by HEX editing system files, and having regular applications to achieve surveillance

- Denis Cuculic, CEO ex. Head of Technical Department, PRO4SEC

Track 3

Social Network Monitoring and Cyber Threat Detection Training

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

Monday, 28 June 2021

9:00-10:00

Cross domain communication challenges and solutions

- Presented by GSN

10:15-11:15

Cyber Threats; How to achieve the highest data accuracy, gain the most granular visibility, and overcome encryption challenges

- Sherief Nazif, AVP Sales for Regulatory, Sandvine
- Elie El-Khoury, Director Sales Engineering, MENAT, Sandvine

11:30-12:30

The Matrix Concept – Combining forward-thinking intelligence tools and proven workflows to assemble a coherent intelligence picture (LIVE DEMO)

- Presented by Rayzone Group

Tuesday, 29 June 2021

9:00-10:00 `SESSION A`

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

- Presented by Cobwebs

9:00-10:00 `SESSION B`

Gens.AI, the Cyber Humint solution that can automate and simplify the management of virtual identities inside a complex operation

- Presented by Cy4Gate

13:00-14:00 `SESSION A`

Removing obstacles for OSINT adoption in law enforcement and cybersecurity: how to fasten up online investigations with Gamayun

- Presented by Social Links

13:00-14:00 `SESSION B`

Global Signalling Threat Analysis and Insights for Cyber Intelligence

- Presented by Adaptive Mobile

14:30-15:30 `SESSION A`

Router based interception – redefining remote monitoring by infiltrating targeted LAN networks (LIVE DEMO)

- Presented by Rayzone Group

14:30-15:30 `SESSION B`

The Next Generation of Profiling using OSINT

- Presented by Indafo

16:00-17:00

Awakening the "Sleeper Cells" [Case study]: Using of the latest WEBINT methodologies and tools to discover a covert terrorist organization through the web

- Presented by Cobwebs

Wednesday, 30 June 2021

8:30-9:30

Worldwide Virtual SIGINT – monitoring digital footprint in order to anticipate and prevent evolving threats (LIVE DEMO)

- Presented by Rayzone Group

12:30-13:30

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

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

Track 4

Investigating DarkWeb, Bitcoin, Altcoin and Blockchain Transaction

This track is open to all attendees. Note, some session are LEA/Government Only and marked accordingly in "RED"

Monday, 28 June 2021

11:30-12:30

Cybercurrency 101: Introduction to What Technical Investigators Need to Know about Bitcoin and Altcoin Transactions, Dark Web Commerce and Blockchain Analysis

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

13:30-14:30

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

Tuesday, 29 June 2021

9:00-10:00

Profile, target and investigate the Darknet

- Presented by AREA

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

16:00-17:00

Cryptocurrency Investigation Workshop

- Matej Gregr (Ph.D., Computer Science, Researcher), Brno University of Technology, Brno University of Technology

Wednesday, 30 June 2021

10:30-11:30 `SESSION B`

Understanding Terrorist Fundraising and Drug Money Laundering Using Decentralized Funance (DeFi): P2P Cryptocurrency Transactio with no KYC Request

- Karhrman Ziegenbein, Managing Partner, Tomoco Discovery

12:30-13:30

Understanding Terrorist Fundraising and Drug Money Laundering using, Non-Fungible Tokens (NFT) Blockchain

- Karhrman Ziegenbein, Managing Partner, **Tomoco Discovery**

Artificial Intelligence and Facial Recognition, Threat Detection Training

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

Tuesday, 29 June 2021

14:30-15:30 `SESSION A`

Next Gen Network Intrusion Detection: shell code detection and AI

- Presented by **GSN**

14:30-15:30 `SESSION B`

How we created a model that automates deepfake detection

- Presented by **Social Links**

Wednesday, 30 June 2021

8:30-9:30

USB threats how protect your secret network from USB exploits & malware

- Presented by **GSN**

10:30-11:30

Thor Hammer. Improving the Cyber Resilience of Critical Infrastructures with military technology

- Presented by **MOLLITIAM CYBERINTELLIGENCE**

5G Lawful Intercept and Forensics Training

This track is mostly open to all attendees. There may be some sessions only open to LEA and Government attendees, which will be labeled below in **RED**.

Monday, 28 June 2021

10:15-11:15

Understanding 5G Network Core (NFV, SDN, EDGE Computing and Network Slicing) for Law Enforcement Investigators

- Dr. Matthew Lucas (Ph.D, Computer Science), Vice President, **TeleStrategies**

16:00-17:00

Real World Interpretation of 5G LI requirements and implications for Carriers and LEAs

- Presented by **SS8**

Mobile Signal Intercept and Electronic Surveillance Training

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

Monday, 28 June 2021

9:00-10:00 `SESSION A`

Understanding Mobile 2G/3G/4G/5G Infrastructure and Lawful Intercept for Technical Investigators

- Dr. Jerry Lucas, President, **TeleStrategies**

10:15-11:15

Detect, intercept IP traffic and locate satellite VSAT terminals

- Presented by **Kratos**

11:30-12:30

TACTERO - IMSI catchers detector

- Presented by **Forward Defense**

Tuesday, 29 June 2021

13:00-14:00 `SESSION A`

The CY4GATE integrated Cyber-Intelligence solution providing Law Enforcement and

- Presented by **Cy4Gate**

13:00-14:00 `SESSION B`

Cellular Intelligence in Action. Real use cases solved by combining mobile location and traffic data

- Presented by **Xolaris**

14:30-15:30

Breaking the borders of tactical cyber-intelligence

- Presented by **Jenovice**

Registration Information *Save $300 by registering before 14 May 2021*

Law Enforcement/DHS/IC/DoD Registration*

ISS World Conference Training Tracks 1-7,
Conference Seminars plus Exhibits $995
Registration after 14 May 2021..$1,295

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ISS World Conference (Tracks 1, 4 & 6),
Conference Seminars and Exhibits...................................$995
Registration after 14 May 2021..$1,295

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ISS World Conference (Tracks 1, 4 & 6),
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Registration after 14 May 2021..$1,295

*Note: To Attend the LEA/DHS/IC/DoD Training Tracks 2, 3, 5 and 7 you must be a sworn law enforcement officer or military/intelligence/ government employee. Also you must register by 25 June 2021 in order to verify eligibility. Government photo ID required for Tracks 2, 3, 5, and 7 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 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/issworlddubai 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: 1-703-734-7050
Fax: 1-703-734-9371
Online: www.issworldtraining.com

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