

TeleStrategies®

Register 1
and 2nd FREE

ISSWorld® Latin America

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

8-10 OCTOBER 2018 • PANAMA CITY, PANAMA

Anti-Money Laundering (AML)

Audio, Video & GPS Surveillance

Artificial Intelligence & Investigations

Mobile Intercept & Tracking

Social Network Monitoring

TOR / DarkNet Traceback

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

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Exhibitors and Sponsors



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

8-10 OCTOBER 2018 • PANAMA CITY, PANAMA

ISS World Latin America is the world's largest gathering of Central and South American Law Enforcement, Intelligence and Homeland Security Analysts as well as Telecom Operators responsible for Hi-Tech Electronic Investigations and Cyber Intelligence Gathering.

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 network and the Internet.

Track 1

Training Seminars by LEAs and Ph.D Computer Scientists

Track 2

Lawful Interception and Hi-Tech Criminal Investigations

Track 3

Social Media Monitoring, Artificial Intelligence and Data Analytics

Track 4

Dark Web Monitoring and Cybercurrency Analytics

Track 5

Mobile and Wi-Fi Signal Intercept

Track 6

Audio, Video and GPS Surveillance

Track 7

Financial Crime Investigation Techniques and Products

ISS World Latin America 2018 - Agenda at a Glance

Track 1

Training Seminars by LEAs and Ph.D Computer Scientists

Monday, 8 October 2018

Seminar #1

09:00-17:15

Online Social Media and Internet Investigations

- Presented by: Charles Cohen, Cohen Training and Consulting, LLC Charles Cohen also holds the position of Captain, **Indiana State Police, USA**

This one day session provides an up-to-date understanding of how social networking sites work and how members act and interact. Attendees will learn what information is available on various sites and how to integrate that information into criminal investigations and criminal intelligence analysis.

09:00-10:00

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

13:45-14:45

Cellular Handset Geolocation: Investigative Opportunities and Personal Security Risks

15:00-16:00

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

16:15-17:15

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

Seminar #2

9:00-17:15

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, 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.

09:00-10:00

The Internet, and how suspects leave a Digital Footprint

10:15-11:15

Recognizing Traffic Data and digital profiling

11:30-12:30

WIFI, geolocation, and Mobile Data traces

8-10 OCTOBER 2018 • PANAMA CITY, PANAMA

13:45-14:45

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

15:00-16:00

Advanced Techniques in Tracing Suspects, and lateral problem solving

16:15- 17:15

Open Source Tools, resources and techniques

Seminar #3

09:00-12:30

Understanding ISS Technologies and Products Deployed in Telecommunications Networks for Lawful Interception and Mass Surveillance

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

This half-day seminar covers how criminals and terrorists communicate over today's public telecommunications wireline and wireless networks, over the top Internet services and social networks. This seminar is ideal for law enforcement, interior security, public safety and others who need to understand the ISS technologies and products used to lawfully intercept electronic communications and conduct mass network surveillance as discussed at ISS World Conference sessions and by exhibitors.

9:00-10:00

Introduction to Wireline and IP Infrastructure and Related ISS Products for Lawful Interception and Mass Surveillance

10:15-11:15

Understanding Mobile Wireless Infrastructure, and Related ISS Products for Lawful Interception and Mass Surveillance

11:30-12:30

Understanding Internet Infrastructure and Related ISS Products for Mass Intelligence Gathering and Surveillance

Seminar #4

13:45-14:45

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

- *Presented by: Dr. Matthew Lucas (Ph.D., Computer Science), Vice President, 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.

Seminar #5

15:00-16:00

Investigation Techniques for Unmasking TOR Hidden Services and Other Dark Web Operations

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

TOR networks are notoriously effective at hiding the online identity of criminals, terrorists and others who are up to no good. The other side that receives

less attention are TOR hidden services. These are services that leverage TOR's anonymizing capabilities to mask the identity of criminally-hosted online services - forming the basis of just about all illegal gambling sites, drug markets, child exploitation material, firearm sales, terrorism propaganda, and more.

- How TOR hides IP addresses/identity/location
- TOR hosting, What is .ONION and content analysis

Seminar # 6

16:15-17:15

Defeating Network Encryption: What Law Enforcement and The Intelligence Community Needs to Understand

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

The starting point to defeating encryption is to separate techniques addressing stored encrypted data such as with the Apple iPhone issue. The other challenge is defeating encrypted data in transit (e.g. Telegram, Whatsapp, etc.) or Network Encryption. This webinar is about defeating the later.

Tuesday, 9 October 2018

8:15-8:30

Welcoming Remarks

- *Tatiana Lucas, ISS World Program Director, TeleStrategies*

8:30-9:00

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

- *Dr. Jerry Lucas, President, TeleStrategies*

Track 2

Lawful Interception and Hi-Tech Criminal Investigations

Monday, 8 October 2018

13:30-14:30

Cognitive Search Analytics: The Next Generation of Cross-Platform Intelligence

• Presented by *WEBINTPRO*

14:45-15:45

Speaker Identification: Revolution in Accuracy and Speed of Voice Biometrics

• Presented by *Phonexia*

Tuesday, 9 October 2018

9:00-10:00

Digital Toolbox: the investigator's best friend

• Presented by *AREA*

11:30-12:30

Digital intelligence platform pillars

• Presented by *Cellebrite*

14:00-15:00

Content Filtering – A technical answer to data growth

• Presented by *Utimaco*

15:30-16:30

Seeing inside suspects' phone and computers

• Presented by *Grey Heron Technologies*

16:45-17:45

Encrypted Messaging: Techniques and Tools for Exposing Bad Actors Who Use Next-Generation Communication Methods

• Stephen Arnold, Managing Partner, *Arnold.IT*

Wednesday, 10 October 2018

8:30-9:30

L.I. Targeting respecting privacy

• Presented by *AREA*

Track 3

Social Media Monitoring, Artificial Intelligence and Data Analytics

Monday, 8 October 2018

Cyber Solutions for The Fight Against Crime

• Presented by *FinFisher*

Advanced analytics and identification through processing of social networks, audio sources and video surveillance

• Presented by *everis*

Tuesday, 9 October 2018

9:00-10:00

Lawful Interception in 2018. VoLTE and encrypted services like Facebook, WhatsApp and Telegram. How Social Media Intelligence benefits investigators in a holistic vision.

• Presented by *IPS*

11:30-12:30

Augmented Cyber Security – Verint Intelligence-Driven SOC

• Presented by *Verint*

14:00-15:00

Gang profiling –Deciphering the hidden structure using AI-based technology on open source data

• Presented by *Voyager Labs*

15:30-16:30

Cyber Intelligence in Our Increasingly Privacy & Security Conscious Environment

• Presented by *Wintego*

Wednesday, 10 October 2018

8:30-9:30

How to monitor Public Sentiment with a platform able to listen, analyze and react to propaganda campaigns on Social Media.

• Presented by *IPS*

10:30-11:30

Intelligence layer for Borders protection

• Presented by *Verint*

12:00-13:00

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

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

Track 4

Dark Web Monitoring and Cybercurrency Analytics

Monday, 8 October 2018

13:45-14:45

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

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

15:00-16:00

Investigation Techniques for Unmasking TOR Hidden Services and Other Dark Web Operations

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

16:15-17:15

Defeating Network Encryption: What Law Enforcement and The Intelligence Community Needs to Understand

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

Tuesday, 9 October 2018

9:00-10:00

Dark Web – Investigate the Dark Web off-line

- Presented by *PAT Systems*

14:00-15:00

Automatic Exploitation of Social Network, Deep and Dark Web to complement traditional Lawful Interception Infrastructure.

- Presented by *IPS*

15:30-16:30

Profile, target and investigate the Darknet. Reinventing traditional HUMINT in the Digital Era.

- Presented by *AREA*

14:00-17:45

Special Half Day DarkNet Seminar

- by Andrew Lewman, Vice President, DarkOWL and Former Executive Director, *The TOR Project*

14:00-15:00

Indexing the dark net – how do you catalog and search something that is not meant to be easily scrubbed? What's possible?

- Presented by Andrew Lewman, Vice President, *DarkOWL*

15:30-16:30

Case studies / examples in dark net investigations – de-anonymizing examples / approaches / best practices / lessons learned.

- Presented by Andrew Lewman, Vice President, *DarkOWL*

16:45-17:45

Future directions - what's next in dark net infrastructure, dark markets and investigation implications

- Presented by Andrew Lewman, Vice President, *DarkOWL*

Wednesday, 10 October 2018

8:30-9:30

Bitcoin in Practice: Buying, Selling, Sending and Receiving

- Presented by *Elliptic*

10:30-11:30 **SESSION A**

Advanced Bitcoin Concepts and an Introduction to Bitcoin Investigations

- Presented by *Elliptic*

10:30-11:30 **SESSION B**

Identifying a Bad Actor Using the Dark Web, i2p, and Other Methods of Hiding “True Identity”

- Stephen Arnold, Managing Partner, *Arnold.IT*

12:00-13:00 **SESSION A**

Case Studies and Emerging Threats In the Criminal Use of Virtual Currencies

- Luke Wilson, Vice President of Business Development-Investigations, *Elliptic*

Track 5

Mobile and Wi-Fi Signal Intercept

Monday, 8 October 2018

10:15-11:15

Strategic and Tactical Wi-Fi Surveillance

- Presented by *FinFisher*

11:30-12:30

Tactical Wi-Fi intelligence collection and analytics – know what's going on and where to use your resources

- Presented by *PAT Systems*

Tuesday, 9 October 2018

9:00-10:00

Real-time, highly accurate mobile location tracking

- Presented by *Creativity Software*

11:30-12:30

Unleashing the power of WiFi - an end-to-end approach to WiFi Intelligence

- Presented by *WiSpear*

14:00-15:00

Fighting crime with smart technology: Monitor people's behavior, identify connections and track suspicious locations in real-time

- Presented by *Worldsensing*

15:30-16:30

Tactical Monitoring of Satellite Communications Inmarsat I-Sat Phone Pro e Iridium. Voice, data and geolocation. Iridium SBD (Short Burst Data)

- Presented by *PAT Systems*

Wednesday, 10 October 2018

8:30-9:30

Tactical Operations for Capture and Location of ID IMSI/IMEI of Mobile Phones in 4G LTE

- Presented by *PAT Systems*

Track 6

Audio, Video and GPS Surveillance

Tuesday, 9 October 2018

9:00-10:00

Covert Miniature Surveillance.

- Presented by *Covidence*

11:30-12:30

NanoLive, The next generation of covert camcorders

- Presented by *Pro4Tech*

14:00-15:00

Electronic Lock and Alarm System Defeat

- Presented by *Providence*

15:30-16:30

A new paradigm for covert audio surveillance in large areas

• Presented by *Commesh*

Wednesday, 10 October 2018

10:30-11:30

Command and Control Center for covert field operations using Audio, Video and GPS feeds

• Presented by *IPS*

ISS World Latin America Exhibit Hours

Tuesday, 9 October 2018:

10:00 - 18:00

Wednesday, 10 October 2018:

9:30 - 12:30

Track 7

Financial Crime Investigation Techniques and Products

Tuesday, 9 October 2018

9:00-17:45

Special “Best Practices for Financial Crime Investigators” Sessions

• Presented by *Michael Loughnane, CAMS, CFE, Loughnane Associates, LLC and retired 27 year US Federal Law Enforcement Officer*

9:00-10:00

Criminal Essentials: The Needs of a Criminal Network

11:30-12:30

Financial Crime Schemes in Money Laundering

14:00-15:00

The Essentials of Trade Based Money Laundering

15:30-16:30

How Does Money Actually Move?

16:45-17:45

Follow the Money Beyond the Banks

Wednesday, 10 October 2018

8:30-9:30

Practitioners Guide to Understanding Cyber Attacks on Banks - Exploring Vulnerabilities from The Perspective Of The Hacker

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

10:30-11:00

Practitioners Guide to Defending Banks Against Cyber Attacks - Identifying And Protecting Vulnerabilities To Frustrate The Thief, and Integrity Proof The Systems

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

Registration Information *Save \$300 by registering before 1 August 2018*

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ISS World Conference (Tracks 1, 2, 4 & 7),
Pre-Conference Seminars and Exhibits\$995
Registration after 1 August 2018.....\$1,295

Law Enforcement/DHS/IC/DoD Registration*

ISS World Conference Training Tracks 1-7,
Pre-Conference Seminars plus Exhibits.....\$995
Registration after 1 August 2018.....\$1,295

Vendor Registration

ISS World Conference (Tracks 1, 2, 4 & 7),
Pre-Conference Seminars and Exhibits\$995
Registration after 1 August 2018.....\$1,295

**Note: To Attend the LEA/DHS/IC/DoD Training Tracks you must be a sworn law enforcement officer or military/intelligence/government employee. Also you must register by 3 October 2018 in order to verify eligibility. Government photo ID required for Training Tracks classroom access.*

Free Colleague Registration:

Register as paid and you can invite a colleague to join you at ISS World Latin 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.

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

Conference and Exhibitions: Hilton Panama City

For discounted hotel room rate, visit <https://book.passkey.com/e/49557746> or call 507-280-8000.

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AREA is the Italian leading technology Industry and provider of Unconventional Communication and IP Info-Intelligence solutions. AREA provides an “end to end” Dual Use Info-Intelligence solution for HLS/HLD scenarios, satisfying the need of Government Agencies to securely and effectively gather precious information to contrast menaces to Citizen security and prevent digital attacks.



FinFisher solutions help government law enforcement and intelligence agencies to identify, locate and convict serious criminals. With innovative products, tailor-made solutions and end-to-end services FinFisher closes the gap in traditional investigative methods. Its portfolio allows governments to gain access to protected, offline information and relevant web-based communication channels.



IPS is an Italian high-tech company with 30 years' experience in the design and delivery of “turnkey” solutions for Communication Monitoring and Analysis. IPS solutions are specifically designed for Homeland Security Departments and Intelligence Agencies that need to intercept, collect and deep analyze heterogeneous data such as phone calls, Internet traffic, data coming from electronic surveillance devices and third parts databases. The IPS monitoring platforms are used today in more than 20 countries in 4 continents: Europe, Latin America, Africa and Asia.



RCS supports law enforcement, intelligence and network operators involved in legal telecommunication surveillance. We design, develop and deploy highly scalable, secure and comprehensive systems aimed to assist all stages of investigative activities and to fuse data from heterogeneous sources thus to give a comprehensive view of the investigative scenario and suggest action plans. Our Offer: Target and massive network probing, Cyber Intelligence, Fusion Centre, Network monitoring, Analysis and correlation.



Verint is a leading global provider of security and intelligence data mining software. We leverage our deep domain expertise to create solutions that prevent and neutralize terror, crime and cyber-attacks. Our broad Intelligence-Powered Security™ portfolio empowers security organizations with crucial insights that enable them to take action against evolving threats.

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