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

6-8 DECEMBER 2016 • HILTON HOTEL • KUALA LUMPUR, MY

76 LEA/Interior Security/Intel Training Sessions and Courses to Choose From
ISS World Asia is the world’s largest gathering of Asian Law Enforcement, Intelligence and Homeland Security Analysts as well as Telecom Operators responsible for Lawful Interception, Hi-Tech Electronic Investigations, DarkNet Monitoring 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.

### Training Seminars Led by Law Enforcement Officers and Ph.D Scientists

19 classroom training hours, presented by sworn law enforcement officers and Ph.D. Scientists

**Charles Cohen**, Cohen Training and Consulting, LLC, also holds the position of 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 (6 classroom hours)

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**Tuesday, 6 December 2016**

**Seminar #1**

**8:30-17:00**

**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

**8:30-9:30**

**The role of Online Social Media OSINT in Predicting and Interdicting Spree Killings: Case Studies and Analysis**

9:45-10:45

**OSINT and Criminal Investigations**

11:00-12:00

**Metadata Exploitation in Criminal Investigations**

**13:30-14:30**

**EXIF Tags and Geolocation of Devices for Investigations and Operational Security**

**14:45-15:45**

**Case Studies in Metadata Vulnerability Exploitation and Facial Recognition**

**16:00-17:00**

**What Investigators Need to Know about Emerging Technologies Used to Hide on the Internet**

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**Seminar #2**

**8:30-17:00**

**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, 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.
8:30-9:30
Understanding Wirelines and IP Infrastructure and Related ISS Products for Lawful Interception and Mass Surveillance

9:45-10:45
Understanding Mobile Wireless Infrastructure and Related ISS Products for Lawful Interception and Mass Surveillance

11:00-12:00
Understanding the Internet Over-the-Top (OTT) Services and Related ISS Products for Mass Intelligence Gathering and Surveillance

13:30-14:30
Defeating Encryption with Lawful Hacking: Techniques Investigators Need to Understand

14:45-15:45
Investigation Techniques for Unmasking TOR Hidden Services and Other Dark Web Operations

Presented by Dr. Jerry Lucas, President, 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.

This seminar will present exactly:
• How TOR Hidden Services Work
• The Scale/Scope of TOR-Based Online Markets
• How are TOR Hidden Services Set-up and Searched
• How to Identify TOR Hidden Service Traffic
• How Bitcoin is used in Dark Web Transactions
• Basics of Bitcoin Clustering Analysis
• Other Dark Web Operations Outside of TOR Hidden Service
• And More

6-8 December 2016 • Hilton Hotel • Kuala Lumpur, MY

ISS World Asia
Intelligence Support Systems for Lawful Interception, Electronic Surveillance and Cyber Intelligence Gathering
Thursday, 8 December 2016

Seminar #6
8:30-9:30
Bitcoin 101: Introduction to What Technical Investigators Need to Know about Bitcoin Transactions, Dark Web Commerce and Blockchain Analysis
Presented by: Dr. Jerry Lucas, 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. Specifically, this introduction to Bitcoin for technical investigators addresses:
- Investigating Bitcoin Transactions
- Bitcoin Basics and Addresses
- Blockchain Basics and Miners
- Bitcoin Address Traceback
- Joint Bitcoin/Dark Web Investigation

Wednesday, 7 December 2016

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 Asia 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.

Wednesday, 7 December 2016

9:00-9:30
Data Retention for NAT (Network Address Translation)
Rudolf Winschuh, Utimaco TS GmbH

11:30-12:00
Scalable LI Solutions for dealing with LTE/VoLTE Roaming and OTT
Michael Hammer, Principal Engineer, Yaana Technologies

14:00-14:30
Protecting sensitive LIMS information on external hardware security models (HSM)
Dirk Börgerding, Utimaco TS GmbH

15:30-16:30
Multi-Source Intelligence Collection & Big Data Analytics
Presented by Nanjing Sinovatio Technology

Thursday, 8 December 2016

8:30-9:30
Bitcoin 101: Introduction to What Technical Investigators Need to Know about Bitcoin Transactions, Dark Web Commerce and Blockchain Analysis
Presented by: Dr. Jerry Lucas, President, TeleStrategies

Track 2
Encrypted Traffic Monitoring and IT Intrusion Product Training
This track is only open to Law Enforcement, Public Safety and Government Intelligence Community Attendees.

Wednesday, 7 December 2016

14:00-15:00
Cyber Security Most Effective Defensive Solution!
Presented by AGT

15:30-16:30
In-Line tactical IP probing: practical demo and use cases from the field for passive/active interception and remote infection
Presented by RCS S.p.A.

Track 3
LEA, Defense and Intelligence Analyst Training and Product Demonstrations
This training is only open to Law Enforcement, Public Safety and Government Intelligence Community Attendees.

Tuesday, 6 December 2016

8:30-17:00
Practitioners Guide to Internet Investigations
Mark Bentley, Communications Data Expert, National Cyber Crime Law Enforcement, UK

Wednesday, 7 December 2016

9:00-10:00
Lawful Interception in 2016. VoLTE and Metadata Analysis on encrypted services like WhatsApp, Viber & Telegram
Presented by IPS

11:30-12:30
New Cutting-Edge Surveillance Tools from Hacking Team
Presented by Hacking Team

11:30-12:00
Generating new Intelligence from call data records
Presented by trovicor

12:00-12:30
Identifying suspects through text analysis - An introduction to mass email monitoring
Presented by trovicor

Tuesday, 6 December 2016

9:45-10:45
FinFisher™: The End to End approach to Cyber Investigations
Presented by FinFisher

13:30-14:30
Social Media Forensics!
Presented by AGT

14:45-15:45
A World of Possibilities - Remote Exploitation of Smartphones and PCs
Presented by FinFisher
14:00-15:00
How to get many personal information quickly with Wifi?
Presented by Suneris

15:30-16:30
Applying DPI for Social Network and other OTT Application Monitoring
Curt Schwaderer, VP of Engineering, Yaana Technologies

15:30-16:30
E-Detective
Network Investigation Toolkit - NIT 2.0
Presented by Decision Group

Thursday, 8 December 2016
8:30-9:00
SESSION A
Next generation LI-MC: extracting intelligence from Meta-Data with easy-to use DPI and Big Data analysis capabilities in a unique platform.
Presented by RCS S.p.A.

8:30-9:30
SESSION B
CONNECT THE DOTS" on a Right Click!
Sanjeev Sharma, Director of Engineering, ClearTrail Technologies

10:30-11:30
Real-time target location tracking - How to generate alerts of suspicious movements
Presented by trovicor

11:00-11:30
OSINT Labs from an empty building to a cornerstone of any intelligence organization
Presented by Gamma Group

13:30-14:30
Beyond Lawful Interception without the need of Hacking! A new approach to the IP investigation on encrypted services like Facebook, Gmail and WhatsApp
Presented by IPS

Tuesday, 6 December 2016
8:30-17:00
Online Social Media and Internet Investigations
Presented by Charles Cohen, Cohen Training and Consulting, LLC, also holds the position of Captain, Indiana State Police

10:30-11:30
Aegis, the overall Interception System based on Big Data
Presented by Septian

11:30-12:00
CONNECT THE DOTS" on a Right Click!
Sanjeev Sharma, Director of Engineering, ClearTrail Technologies

11:30-12:30
OSINT-based Social Engineering
Presented by S2T

14:00-15:00
Intelligence Analysis on Big Data
Presented by Nanjing Sinovatio Technology

14:00-15:00
Automatic Exploitation of Social Network, Deep and Dark Web for Enhanced Target Profiling and Public Sentiment Analysis
Presented by IPS

15:30-16:30
Post Trojan Infiltration: The new Digital Undercover Agent
Presented by AREA

Thursday, 8 December 2016
8:30-9:30
SESSION A
New challenge Network Monitoring: IPv4 disambiguation and rich metadata SIGINT in the age of Encryption
Presented by AREA

8:30-9:30
SESSION B
Converging information from multiple sources to create holistic target profile
Presented by S2T

10:30-11:30
SESSION A
Multimedia/lingual OSINT exploitation to combat global terrorism
Presented by Gamma Group

10:30-11:30
SESSION B
Turning Social Networks Analysis into Intelligence and Social Engineering
Presented by RCS S.p.A.

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 5
Mobile Signal Intercept and Electronic Surveillance Training and Product Demonstration
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 intercept.

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

Tuesday, 6 December 2016
8:30-9:30
NeoSoft data traffic analyser for Mobile Monitoring
Presented by NeoSoft AG
11:30-12:00
Covert Surveillance - from the simple to the sophisticated  
Presented by Gamma Group

Wednesday, 7 December 2016
9:00-10:00 SESSION A
Smartphone Analytic / Forensic and Interception  
Stefan Heimgaertner, Secure Information Management GmbH

9:00-10:00 SESSION B
Data Fusion Platform and 4G-3G-2G Tactical Location Finder Sensor Integration  
Alper Tosun, BTT LTD

11:30-12:30 SESSION A
GSM Tactical Interception System for 3G and 4G  
Presented by Advanced Systems

11:30-12:30 SESSION B
NeoSoft session to be announced

14:00-15:00 SESSION A
Passive tracker, the 3 in 1 target-transparent Phone Finder  
Presented by Semptian

14:00-15:00 SESSION B
Turning Personal Communications Devices into Cyber-Secured Communication Platforms  
Presented by Providence

14:00-15:00 SESSION C

15:30-16:30 SESSION A
Carrier in Carrier (Double Talk®) Satellite Interception  
Presented by Advanced Systems

Thursday, 8 December 2016
8:30-9:30
Tactical Operations with a Strategic Vision with a Command and Control Center using Audio, Video and GPS  
Presented by IPS

ISS World Asia Exhibit Hours:  
Wednesday, 7 December 2016  
10:00 - 17:00  
Thursday, 8 December 2016  
9:30 - 12:30

Registration Information
Save $300 by registering before 18 October, 2016

Law Enforcement/DHS/IC/DoD Registration*
ISS World Conference Training Tracks 1, 2, 3, 4 & 5  
Pre-Conference Seminars plus Exhibits .........................$995  
Registration after 18 October 2016..............................$1,295

Telecommunications Service Provider or Enterprise Registration
ISS World Conference (Track 1),  
Pre-Conference Seminars and Exhibits .........................$995  
Registration after 18 October 2016..............................$1,295

Vendor Registration
ISS World Conference (Track 1),  
Pre-Conference Seminars and Exhibits .........................$995  
Registration after 18 October 2016..............................$1,295

*Note: To Attend the LEA/DHS/IC/DoD Training Tracks 2, 3, 4, & 5 you must be a sworn law enforcement officer or military/intelligence/government employee. Also you must register by 30 November 2016 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 Asia 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:
Hilton Kuala Lumpur Hotel.  
Special ISS World early registration rate: $150 US per night. Telephone 60-3-2264-2264.

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 Telecommunications Service Provider, 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.
Founded in Berlin more than a decade ago, AGT is a leading security solutions provider with a strong consultancy focus and extensive system integration expertise. Digital Forensics including several national laboratories in the region, Data and Voice Encryption-up to national level projects, Datacenter Consultancy, Cyber Security & Digital Forensics Training, Open Source Intelligence. The projects were finalized in over a dozen countries in Europe, The Middle East and North Africa.

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 CC for HLS/HLD scenarios; satisfying Government Agencies’ need to securely and effectively gather precious information to contrast menaces to Citizen's 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.

Gamma Group is an international manufacturer of surveillance & monitoring systems with technical and sales offices in Europe, Asia, the Middle East and Africa. We provide advanced technical surveillance, monitoring and Media Mining/OSINT solutions, advanced government training, as well as international consultancy to National and State Intelligence Departments and Law Enforcement Agencies.

For 10 years Hacking Team has been helping law enforcement stop crime and terrorism. In an age of universal encryption, our technology gives government agencies the ability to see communications of suspects in the clear. The latest version, “Galileo” enables examination of the contents of endpoint devices and offers the widest selection of infection vectors available, all without protection systems being able to detect the investigation in progress. Find out more at www.hackingteam.com.

IPS is an Italian high-tech company with 28 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. The IPS monitoring platforms are used today in more than 15 countries in 4 continents: Europe, Latin America, Africa and Asia.


S2T provides big data solutions to support making sense of large volumes of information. Our GoldenSpear solutions enhance the capabilities of organisations and analysts in web and cyber collection, collation, analysis and generating insights and reports. These solutions leverage powerful collection capabilities spanning web sites, social media networks, darknet, and end-user devices and harness big data analytics, machine learning, and powerful visualisation tools.

Semptian Technologies Limited is a network solutions expert with over 10 years of technical experience. Founded with a focus on continuous product innovation. Reaching customers across the globe, Semptian has established itself in regions including Asia, Africa and the Middle East. Working with clients including intelligence groups, defense organizations and law enforcement agencies, Semptian has solutions for various projects and objectives facing these teams today.

Sinovatio is a leading global network security solutions provider which is founded in 2003. Based on our dedication to customer-centric innovation and strong partnerships, we have established end-to-end capabilities and strengths across the lawful interception, wireless locating, intelligence analysis, digital forensics, video surveillance, intelligent fencing, public opinion mining and other related fields. Our products and solutions have already been deployed in over 20 countries.

Trovicor is a world leader in lawful intelligence technology, providing end-to-end monitoring and intelligence solutions to more than 35 governments across the globe. With 20+ years’ experience of collaborating with governments worldwide, trovicor’s solutions are a powerful tool proven to help governments protect their citizens against the threat of criminal activity and safeguard national security. More info: http://www.trovicor.com

Since 1994 Utimaco has been developing lawful interception and data retention systems for telecom operators and Internet service providers. Utimaco’s carrier-grade systems enable real-time monitoring and long term data retention in public telecommunication networks. With around 250 installations in over 80 countries, Utimaco is a leading global supplier in the Lawful Interception and Data Retention market. Utimaco participates in LI standardization such as, ETSI, 3GPP, ANSI/ATIS, and Bitkom. For more information visit www.utimaco.com