

# ISSWorld® Asia

**Intelligence Support Systems for Lawful Interception,  
Criminal Investigations and Intelligence Gathering**

3-5 DECEMBER 2013 • HILTON HOTEL • KUALA LUMPUR, MY



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

Lead Sponsor

**trovicor**

Associate Lead Sponsors



ClearTrail  
Intercept. Monitor. Analyze.



HackingTeam



Polaris Wireless



utimaco®  
a member of the Sophos Group

VUPEN  
SECURITY

Exhibitors and Sponsors



Covidence

esri

Glimmerglass  
Optical Cyber Solutions

**iSOLV**  
TECHNOLOGIES  
Your circle of trust



mobilaris



StatWorx  
Computational Analytics

XSpec

70 LEA/Interior Security/Intel Training Sessions and Courses to Choose From

# ISS World Asia

**Intelligence Support Systems for Lawful Interception,  
Criminal Investigations and Intelligence Gathering**

**11-13 DECEMBER 2012 • HILTON HOTEL • KUALA LUMPUR, MY**

**ISS World Asia Pacific** 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 and Network 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

**ISS for Lawful Interception and Criminal Investigations**

## Track 2

**ISS for Big Data Analytics and Social Network Monitoring**

## Track 3

**ISS for Mobile Location, Surveillance and Intercept**

## Track 4

**Encrypted Traffic Monitoring and IT Intrusion Product Training**

## Track 5

**LEA and Intelligence Analyst Training and Product Demonstrations**

## ISS World Asia Exhibit Hours:

December 4, 2013,  
10:00 a.m. - 4:00 p.m.

December 5, 2013,  
9:30 a.m. - 12:00 p.m.

**Tuesday, December 3, 2013**

## Pre-Conference Training Seminars

### Seminar #1

**8:30-4:30**

**Understanding ISS Technologies and Products Deployed in Telecommunications Networks and Monitoring Centers for Law Enforcement and Intelligence Analysis**

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

This one day pre-conference seminar covers the spectrum of ISS Technologies and Products deployed in today's fixed wire, mobile wireless and Internet Service Provider networks and LEA Monitoring and Intelligence Gathering Centers. This all day seminar is ideal for those law enforcement, public safety and intelligence analysts who need an understanding of the ISS technologies to be discussed in the conference sessions and the ISS products displayed at the exhibit hall as well as an understanding of the buzz words and jargon used by telecom operator engineers and their vendors.

**08:30-10:45**

**Understanding Wireline Telecom Infrastructure, Interception and Related ISS Products**

What do LEAs need to know about the public switched telecommunications networks, circuit switching, fiber optics, SONET/SDH, Broadband Access (DSL, ADSL, Cable Modems, etc.), billing systems and call detail records, standards for lawful intercept, basic LI elements (access, delivery and collection function), LEA Monitoring Center Functions (call information and call content data collection) and where are ISS products deployed for monitoring and intercept.

**11:00-2:00**

**Understanding Mobile Wireless Infrastructure, Interception and Related ISS Products**

Infrastructure basics (GSM, GPRS, EDGE, UMTS, HSPA and LTE), Wi-Fi, WiMax and Femtocells, How a cellular call is processed, back office infrastructure, HLR, VLR, Backhaul and PSTN interconnection, data services, SMS, MMS, IM, data services, fixed mobile convergence, Smartphone challenges for LEA, intrusion techniques, gathering Geolocation data, location technologies (A-GPS and RF finger printing) and where are ISS products deployed for monitoring and intercept.

**2:15-4:30**

**Understanding the Internet, Interception and Related ISS Products**

What Investigators Have To Know about IP call Identifying Information, Radius, DHCP, DNS, etc., Tracking an Internet Address to a Source, Investigations Involving E-Mail, Facebook, Twitter, Skype, Instant Messaging, Chat Rooms and Message Boards, IMS, P2P Networks and Deep Packet Inspection, Big Data Analytics, defeating encryption, emerging IPv6 Challenges and what can be done to address Internet intercept deploying ISS infrastructure and where are ISS products deployed for monitoring and intercept.

### Seminar #2

**8:30-4:30**

**Practitioners Guide to Internet Investigations**

*Presented by: United Kingdom Law Enforcement Officer to be announced*

This is exclusively Law Enforcement only, as Practical examples, covert and investigative methods will be given throughout the seminar. The aim of this 1 day seminar is to take the attendees from the basics of understanding the internet, through to a full understanding of best practice of an internet investigator, and having awareness of all the tools available to achieve this.

# ISS World Asia

## Intelligence Support Systems for Lawful Interception, Criminal Investigations and Intelligence Gathering

3-5 DECEMBER 2013 • HILTON HOTEL • KUALA LUMPUR, MY

8:30-9:30

**The World Wide Web and the Internet**

9:45-10:45

**Recognizing Traffic Data**

11:00-12:00

**WIFI and GPRS**

13:00-14:00

**Emerging Technologies, Masking Tech and Tools**

14:15-15:15

**Advanced Techniques in Tracing Suspects**

15:30-16:30

**Open Source Intelligence Training (OSINT)**

### Seminar #3

8:30-4:30

**Advanced IP Intercept Training**

*Presented by: Hendrik Schulze, President & CTO, ipoque*

08:30-10:45

**Understanding TCP/IP for Packet Sniffing and Traffic Analysis**

A brief introduction into network technology and the basics of TCP/IP needed for interception and the impact on proper network analysis. Based on this, the workshop reflects the technical options for LEA's to investigate in networks.

11:00-2:00

**Deep Packet Inspection (DPI) Basics for LEA's, Intelligence Analysts and Telecom Operators**

An overview on deep packet inspection technology (DPI) and its basic operations down to the application level. Skype is used as example to show the implications of complex network behavior on DPI.

2:15-4:30

**Basics of IP Application Decoding From Packets to Structured Data**

The workshop is a high-level introduction on building decoder software starting from requirements on an example of software architecture. After an overview of all parts of the introduction the building blocks are elaborated.

**Wednesday, December 4, 2013**

**Welcoming Remarks**

8:15-8:30

*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:

**ISS for Lawful Interception and Criminal Investigations**

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

**Wednesday, December 4, 2013**

9:00-9:30

**Lawful Interception Consolidation – A case study**

*Dirk Börgerding, Utimaco Safeware AG*

9:30-10:00

**Keeping up with new Security Trends & Surveillance Technologies**

*trovicor*

11:30-12:00 **SESSION A**

**Today's interception in an encrypted, social and clouded world**

*David Vincenzetti, CEO, Hacking Team*

11:30-12:00 **SESSION B**

**Communication Surveillance in the Fight Against Child Exploitation - Re-balancing the Ethical Debate AREA**

12:00-12:30

**Activate the Intelligence to expand the Security. GENESI Suite: the most complete Communication Intelligence Platform**

*Fabio Romani, Market & investment Strategy, IPS*

13:30-14:00

**Lawful Interception of LTE, VoLTE, and RCS**

*Rene Nitzinger, Utimaco Safeware AG*

14:00-14:30 **SESSION A**

**Recall IP Intercept – the next-generation of IP interception at 10 Gigabit and beyond**

*Jayesh Nana, CEO, iSolv Technologies*

15:00-15:30

**The comprehensive Intelligence System solution**

*China Top Communication*

**Thursday, December 5, 2013**

8:30-9:30

**New LI challenges. A Countrywide Integrated Solution: Voice, Data, Positioning and Encryption for Massive Interception**

*Cristian D'Incertopadre, Sales, IPS*

*(For LEA and Government Attendees Only)*

10:30-11:00 **SESSION A**

**Solve/Prevent with Intelligence Solutions**

*Rohini, Sooriamoorthy, Technical Director, Statworks (M) Sdn Bhd*

### Track 2:

**ISS for Big Data Analytics and Social Network Monitoring**

*This track is for Intelligence Analysts and Law*

Enforcement agents who have to "connect the dots" between people, places and other entities by searching through massive amounts of unstructured data from various sources using visual analytics, semantic technologies, data mining, OSINT and other intelligence gathering tools and techniques

**Wednesday, December 4, 2013**

9:00-9:30 **SESSION A**

### **Human Threat: Intelligence and Social Media — an industry view from IBM**

Chuck Dodson, *World Wide Business Development and Strategy, IBM's i2 product portfolio*

9:00-9:30

### **Extracting and Analyzing Big Data at the Network Core**

Joon Choi, *Glimmerglass Optical Cyber Solutions*

9:30-10:00

### **Integrated Intelligence Gathering and Mining Solution**

*Nanjing Sinovatio Technology*

11:30-12:00 **SESSION A**

### **IP Monitoring - trovicor's end-to-end solution**

*trovicor*

12:00-12:30 **SESSION A**

### **Handling "very big data" and find the right target**

*ME Advanced Systems*

13:30-14:00

### **Social Media a gift or a curse: Real Tool for social Media Interception: Twitter and Facebook**

*AGT-technology*

14:00-14:30

### **Big Data Analysis: a discovery mission**

Federico Ciceri, *Sales Manager, RCS*

### **Track 3:**

### **ISS for Mobile Location, Surveillance and Intercept**

This track is for Law Enforcement, Interior Security and the Intelligence Community Authorities who must work with cellular and mobile satellite operators regarding mobile location, surveillance and intercept as well as analysis of mass geo-location data.

**Wednesday, December 4, 2013**

9:00-9:30

### **Geospatial Intelligence for National Security**

*Richard Witham, Esri*

9:30-10:00

### **G-SMART: the Social Intelligence App to improve and speed tactical investigations**

*Cristian D'Incertopadre, Sales, IPS*

11:30-12:00 **SESSION A**

### **Advanced Location Surveillance for Public Safety and National Security Applications**

*Polaris Wireless*

11:30-12:30 **SESSION B**

### **POMS : AN INTELLIGENT TOOL TO DRILL DOWN ON Facebook & Twitter**

*Daniel Zhang, Marketing Director, Semprian Technologies*

13:30-14:30 **SESSION A**

### **How to plan and effectively pinpoint a target's location using a Geo Locator –**

A step by step approach from concept to real world scenarios

*Mahesh Kumar, Kommlabs*

13:30-14:30 **SESSION B**

### **3 in 1 Passive Tracker : Pinpoint the WCDMA/GSM/CDMA phone with an all in one compact passive tracker**

*Patrick Fevery, Sales Manager, Semprian Technologies*

15:30-16:00 **SESSION A**

### **InPoint SMS System. Mass Emergency Notification. Target Localization**

*NeoSoft AG*

15:00-16:00 **SESSION B**

### **Extracting intelligence from CDR and Tower Dumps. A hands-on approach to effectively solve cases by analyzing CDRs to detect call patterns, determine common identities and unearth hidden links or networks using geo location and link analysis.**

*Deepak Goyal, Kommlabs*

**Thursday, December 5, 2013**

8:30-9:30

### **eRetriever : The portable interception system with offensive capabilities for PC and smart phones**

*Jacques Wu, Sales Manager, Semprian Technologies*

10:30-11:30

### **Active, Passive and Hybrid GSM/3G/LTE and CDMA Monitoring systems. New challenges (Randomization, A5.3 etc.). Practical solutions**

*NeoSoft AG*

(For LEA and Government Attendees Only)

### **Track 4:**

### **Encrypted Traffic Monitoring and IT Intrusion Product Training**

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

**Wednesday, December 4, 2013**

9:00-10:00

### **Using Open-Source tools to conduct governmental investigations against serious crime**

*Gamma International*

11:30-12:30 **SESSION A**

### **VUPEN Sophisticated Exploits for IT intrusion and Offensive Security**

*Chaouki Bekrar, CEO & Director of Vulnerability Research, VUPEN*

11:30-12:30 **SESSION B**

### **Infiltrating and monitoring organized crime from inside: Remote Stealth Surveillance Suite case studies**

*AGT-technology*

13:30-14:30 **SESSION A**

### **FinFisher- Next Generation governmental surveillance. Focus: Mobile phone monitoring**

*Gamma International*

13:30-14:30 **SESSION B**

### **Smart Intrusion on Social Networks and Webmails: the Https Monitoring & Analysis**

*Ugo Santillo, Sales Director, IPS*

15:00-16:00 **SESSION A**

### **Identifying criminal organizations on social networks by intruding communications devices.**

*Marco Valleri - CTO, Alberto Ornaghi – Software Architect, Alberto Pelliccione – Senior Software Developer, Hacking Team*

15:00-16:00 **SESSION B**

### **Do It Yourself (DIY) Program for Trojan Based Monitoring**

*Jitendra Verma, Manager, Business Development, ClearTrail Technologies*

**Thursday, December 5, 2013**

8:30-9:30

## Tactical IP Intercept for HTTPS Monitoring & Remote Intrusion

Sameer Fegade, Director-Engineering,  
*ClearTrail Technologies*

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

## Intruding communication devices: live demonstration of latest attack techniques.

Marco Valleri - CTO, Alberto Ornaghi – Software Architect, Alberto Pelliccione – Senior Software Developer, *Hacking Team*

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

## Encryption Anywhere and Everywhere. Now What? An Analysis of Possible Workarounds AREA

### Track 5:

## LEA, Intelligence and Defense Analyst Training and Product Demonstration Track

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

**Wednesday, December 4, 2013**

9:00-10:00 **SESSION A**

## CDMA Catcher and IMSI/IMEI Catcher with Public Number Detection. Vehicle based and Portable solutions

*NeoSoft AG*

9:00-10:00 **SESSION B**

## VIBIS - Voice Identification Based Interception System

Sugito Wibawa, CEO, *XSPec Technology*

12:00-12:30 **SESSION B**

## Cell Based Monitoring Solution – a new approach to handle mass territory surveillance

*trovicor*

13:30-14:00 **SESSION A**

## Intelligence Platform – target profiling

*trovicor*

14:00-14:30 **SESSION A**

## Monitoring Center next generation – a live demo

*trovicor*

13:30-14:30 **SESSION B**

## Recall Intruder – covert intrusion and collection solution for smartphones and tablets

Jayesh Nana, CEO, *iSolv Technologies*

15:00-16:00 **SESSION B**

## Mito Cube: RCS LI platform, a successful case history

Federico Ciceri, Sales Manager, *RCS*

15:00-16:00 **SESSION C**

## From Needs to Technology – Use Cases for Social Network Monitoring, Intrusive Surveillance, Network-Based Surveillance, OSINT and Virtual HUMINT AREA

**Thursday, December 5, 2013**

8:30-9:30 **SESSION A**

## New LI challenges. A Countrywide Integrated Solution: Voice, Data, Positioning and Encryption for Massive Interception

Cristian D'Incotopadre, Sales, *IPS*

8:30-9:00

## Intelligence Platform: reveal the unknown - a live demo

*trovicor*

9:00-9:30 **SESSION B**

## Monitoring Center next generation – a live demo

*trovicor*

10:30-11:00 **SESSION A**

## Cell Based Monitoring Solution – a new approach to handle mass territory surveillance

*trovicor*

11:00-11:30 **SESSION A**

## Intelligence Platform: reveal the unknown - a live demo

*trovicor*

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

## Active, Passive and Hybrid GSM/3G/4G/LTE and CDMA Monitoring systems. New challenges (Randomization, A5.3 etc.). Practical solutions

*NeoSoft AG*

# Registration Information

Save \$300 by registering before 18 October, 2013

### Telecommunications Service Provider or Government Registration

ISS World Conference (Tracks 1 to 3),  
Pre-Conference Seminars and Exhibits .....\$995  
Registration after 18 October 2013 .....\$1,295

### Law Enforcement/DHS/IC/DoD Registration\*

ISS World Conference (Tracks 1 to 3), Training Tracks 4 & 5,  
Pre-Conference Seminars plus Exhibits .....\$995  
Registration after 18 October 2013 .....\$1,295

### Vendor Registration

ISS World Conference (Tracks 1 to 3),  
Pre-Conference Seminars and Exhibits .....\$995  
Registration after 18 October 2013 .....\$1,295

\*Note: To Attend the LEA/DHS/IC/DoD Training Tracks 4 & 5 you must be a sworn law enforcement officer or military/intelligence/government employee. Also you must register by 28 November 2013 in order to verify eligibility. Government photo ID required for Tracks 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: \$147 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](mailto: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](mailto:talucas@telestrategies.com).

### Registration

Phone: 1-703-734-7050 • Fax: 1-703-734-9371

Online: [www.issworldtraining.com](http://www.issworldtraining.com)

# ISSWorld Asia

## Lead and Associate Lead Sponsors

3-5 DECEMBER 2013 • HILTON HOTEL • KUALA LUMPUR, MY



### Lead Sponsor

trovicor is an established leading supplier of intelligence solutions for Law Enforcement and Government Agencies, worldwide. The company represents almost two decades of industry experience in customer-centric development of state-of-the-art monitoring centers and intelligence platforms for the security market. Headquartered in Munich, Germany and with affiliate offices in Europe, Middle East, Asia-Pacific, trovicor services Law Enforcement and Government Agencies in the security sector with deployments in more than 100 countries. The trovicor systems capture interactions, transactions and surveillance from multiple sources, including fixed line as well as mobile telephone, radio communication, email, web, chat, social media, and more. Thus, they provide the framework for merging data into a single operational view delivering meaningful information to decision makers about threats and targets. They are the cores that enable clients to move to an intelligence platform concept where masses of communication data, gathered from multiple sources, forms the basis for effective intelligence analyses of information.



### Associate Lead Sponsors

AREA is a market-leading independent provider of turn-key, fully integrated end-to-end communication surveillance solutions for law enforcement organizations worldwide. The MCR solution portfolio ranges from interception/mediation to collection/retention as well as data analysis. Leveraging our extensive track-record and field experience, we aim to provide solutions which simplify complexity.

ClearTrail is leading provider of communication monitoring solutions to LEA's, Intelligence Agencies and Telecom carriers worldwide. Our solutions are deployed across hundreds of communication links and empower agencies to:

- Mass Intercept GSM/CDMA, PSTN, GPRS, EDGE, 3G/3.5G, Wi-Max, VSAT, & IP links
- Monitor Wi-Fi networks and replay HTTPS sessions
- Analyze vast amount of information
- Remote intrusion and monitoring



Gamma International has developed for Law Enforcement and Intelligence Agencies its own FinFisher IT Intrusion Portfolio, which is a comprehensive range of professional offensive tools for information gathering, sniffing, manipulation and exploitation. FinFisher is proving to be instrumental in the fight against child pornography, cybercrime, pedophilia, human trafficking, drug smuggling, terrorism, and other criminal activities. For more information contact: info@gammagroup.com

Hacking Team provides the premier offensive technology solution: Remote Control System. Proven by more than 10 years of worldwide adoption and designed to fulfill LEAs and Security Agencies highest expectations, newly released version 8 "Da Vinci" gives you total control over endpoint devices, offering the widest selection of infection vectors, showing total invisibility to protection systems and implementing the most sophisticated data gathering techniques. Find out more at [www.hackingteam.com](http://www.hackingteam.com)



IPS is a leading global provider of Communication Intelligence solutions. The company develops the most complete Monitoring Centre and Network Monitoring platform for the LI market. After 25 years of market presence and more than 10 years in active fight against cybercrime, IPS can offer state-of-the-art technology for massive Interception enhanced with in-line features facing the HTTPS challenge in the Big Data environment.



NeoSoft AG is a world-wide known manufacturer of Monitoring security systems such as: Passive, Active (Semi-Active), Hybrid GSM Monitoring systems with A5.2/A5.1 deciphering; CDMA Passive Monitoring systems; IMSI/IMEI Catchers 2G and 3G and In-Point SMS System. All our systems support the following bands: GSM, PCS, EGSM, 2100 and 850. Our systems are widely used for victim detection and recovery during various acts of terrorism and natural disasters.

Polaris Wireless is the global leader in high accuracy, software-based wireless location solutions to law enforcement/government agencies. Polaris Wireless has successfully completed 14 deployments for lawful location surveillance in Asia and EMEA. Polaris Wireless is the recipient of the Frost & Sullivan "2011 Enabling Technology of the Year" award and was named to the 2012 Inc. 5000 list of fastest-growing private companies.

Semptian International Limited., a private company headquartered in Hong Kong. Enabling continuous technical innovation, Semptian is positioned as a cyber monitoring expert, providing the Lawful Interception(LI) system means to intercept Internet, PSTN fixed telephone, mobile phone networks and public opinion monitoring solution. With high performance and low cost solutions, Semptian helps Law Enforcement Agencies(LEA) accomplish their missions such as criminal investigation, counter-terrorism, intelligence gathering and network security.



With more than 180 installations in about 70 countries, Utimaco is a leading global supplier in the lawful interception market. Since 1994 Utimaco has been providing lawful interception systems for mobile and fixed network operators and Internet service providers. In addition at the request of telecom customers for an integrated lawful interception and data retention solution, Utimaco introduced the Data Retention Suite corresponding to the EU directive 2006/24/EC. For more information visit <http://lims.utimaco.com>



VUPEN is the leading provider of IT intrusion and offensive cyber security capabilities. VUPEN provides private and highly sophisticated exploits (attack/infection vectors) specifically designed for the Intelligence community, LEAs, and national security agencies to help them remotely and covertly install any monitoring software on target computers, laptops, and mobile devices during lawful intercept and criminal investigation missions. VUPEN's industry-recognized vulnerability research and exclusive exploits target a wide range of software and operating systems, take advantage of undisclosed "zero-day" vulnerabilities, and bypass all modern security protections and exploit mitigation technologies such as DEP, ASLR, sandboxes and Antivirus products. For more information: <http://www.vupen.com>