ISS World MEA is the world's largest gathering of Middle East and African Law Enforcement, Intelligence and Homeland Security Analysts and Telecom Operators responsible for lawful interception, 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 Social Network Monitoring and Investigations
Track 3: ISS for Mobile Location, Surveillance and Intercept
Track 4: ISS for Intelligence Gathering and Analysis
Track 5: Encrypted Traffic Monitoring and IT Intrusion Product Demonstration and Training
Track 6: Social Network Monitoring and Investigation Product Demonstration and Training
Track 7: Mass Data Monitoring, Intercept and Analysis Product Demonstration and Training

Pre-Conference: Pre-Conference Training Seminars (Monday, 13 February 2012)
Pre-Conference Seminars (Monday, 13 February 2012)

Seminar #1: 8:30-16:30
Understanding ISS Technologies and Products Deployed in Telecommunications Networks for Law Enforcement and Intelligence Analysis
Presented By: Dr. Jerry Lucas, President, TeleStrategies
8:30-10:45
Understanding Wireline Telecom Infrastructure, Interception and Related ISS Products
11:00-14:00
Understanding Mobile Wireless Infrastructure, Interception and Related ISS Products
14:15-16:30
Understanding the Internet, Interception and Related ISS Products

Seminar #2: 8:30-16:30
Advanced IP Intercept Training Seminar
Presented By: Hendrik Schulze, President & CEO, ipoque and Jens Geier, Product Manager, ipoque
8:30-10:45
Understanding TCP/IP for Packet Sniffing and Traffic Analysis
11:00-14:00
Deep Packet Inspection (DPI) Basics for LEA's, Intelligence Analysts and Telecom Operators
14:15-16:30
Basics of IP Application Decoding

Seminar #3: 8:30-16:30
WIRETAPPING: Understanding the Basics

Joseph Messinese, Manager-Training Program, T3TECHSYSTEMS Joseph Messinese also holds the position of Officer, Maryland State Police, USA.

8:30-9:30

Wiretap Technologies

9:45-10:45

Pre-Wire Tap Investigation

11:00-12:00

Detailed Explanation of PEN Analysis

13:00-14:00

Case Management, Notifications and Virtual Command Center VCC Intercepting

14:15-15:15

The Actual Wiretap Investigation

15:30-16:30

Key Consideration for Setup and Layout of a Wire Room (temporary or permanent)

This seminar is only open to law enforcement, intelligence analyst and defense personnel.

(Full Pre-Conference Seminar Agenda Appears After Track 7)

Tuesday, 14 February 2012

Welcoming Remarks

8:15-8:30 Tatiana Lucas, ISS World Program Director, TeleStrategies

Keynote
Track 1: ISS for Lawful Interception

This track is for Law Enforcement, National and Interior Intelligence and Public Safety Authorities who are responsible for specifically what telecom operators must deploy to intercept, retain and hand off intercept data in support of lawful interception and hi tech criminal investigations.

Tuesday, 14 February 2012

11:00-11:30 Session A  Integrated Solution for National Security and Crime Investigation - Our Focus  
Tan Wei, ZTEsec

11:00-11:30 Session B  Intelligence Solutions for LEAs - New Trends  
Head of Sales, trovicor
11:30-12:00 Session A
How Network Reporting Can Help Avoid Pitfalls in LI Installations
Jens Geier, Product Manager, ipoque

11:30-12:00 Session B
Intelligence Gathering and Analysis for Next Generation
HUAWEI Presenter to be Announced

13:30-14:00 Session A
LI in Clouds - Challenges & Possible Opportunities for Providers & LEAs
Rudolf Winschuh, Partner Sales Manager, Utimaco LIMS

13:30-14:00 Session B
Exploiting Computer and Mobile Vulnerabilities for Electronic Surveillance
Chaouki Bekrar, CEO & Director of Vulnerability Research, VUPEN

14:00-14:30 Session A
Spam, SPIT, Secrets - Do you know what leaves your network?
ATIS systems Presenter to be Announced

14:00-14:30 Session B
Semptian Inscope™ – a comprehensive solution designed for LEAs
George Chen, CEO, Semptian Technologies

15:00-15:30 Session A
Validating the Accuracy of High-Performing Lawful Intercept Systems: A How-to Test Session
Gregory Fresnais, International Business Development Director, BreakingPoint Systems

15:00-15:30 Session B
Context-Based Data Retention using Multi-Source Collection & Correlation
Steve Wallbank, Vice President, International Sales, Bivio Networks

15:00-15:30 Session C
Real-Time Voice Identification for Immediate People Spotting in Telecommunication Network
Andrey Teplyakov, Voice Biometrics Group Director, Speech Technology Center

15:30-16:00 Session A
IPv6, Identities & DPI
Hendrik Schulze, President & CEO, ipoque, A Rohde & Schwarz Company

15:30-16:00 Session B
Revolution or Evolution? How will convergence of telecommunication services affect your LI system
Jaroslaw Tabor, R&D Engineer, Macro-System

15:30-16:00 Session C
A New Way of Supporting LEA in Lawful Interception Activities
Paolo Mario Finzi, Vice President, RCS S.p.A

16:30-17:00
Multi-Source Collection & Correlation for Context-Based Data Retention
Bob Wiest, Vice President, Technical Services, Bivio Network
Wednesday, 15 February 2012

9:00-9:30
LI Management in LTE Networks
Siemens Speaker to be Announced

10:30-11:00 Session A
Rich Communication Suite
Sven Jonas, Project Manager, Utimaco LIMS

10:30-11:00 Session B
The art of selection among Tactical and Strategic LI Solutions
Cezary Jachniewicz, Marketing Manager & Jaroslaw Tabor, R&D Engineer, Macro-System

11:00-11:30 Session A
Performance Management (PM) and Lawful Interception
Dave Britt, Director of APM Technology, Net Optics

11:00-11:30 Session B
NetRASAT - Scalable Network Intelligence for LI
Dr. Ismail Uzun, C2Tech

12:00-12:30 Session A
Collect & Retain Your Communications Network Data - Efficiently & at Lowest Cost
Martin Hayes, trovicor

12:00-12:30 Session B
Challenging the IP Interception Problem: Know your enemy, use the right weapon!
Murat Balaban, President, Inforcept Networks

12:30-13:00
Web 2.0: The New Challenges of the Cyber Investigators
Cristian D'Incertopadre, International Operations, IPS

Track 2: ISS for Social Network Monitoring and Investigations

This track is for Law Enforcement, Intelligence and Public Safety Authorities who are responsible for cyber investigations, monitoring, analysis and creating actionable intelligence from today's social networks including Facebook and Twitter. Note some of these sessions denoted by "LEA and Intel Only" are only open to Law Enforcement, Public Safety and the Government Intelligence Community
Tuesday, 14 February 2012

9:00-10:00   Brocade MLXe + IBM InfoSphere Streams: End-to-end advanced network telemetry and real-time security analytics  
Anand Ranganathan, IBM (Only open to Law Enforcement and Intelligence Analysts)

11:00-11:30  Cyber Investigation on Social Network  
Ugo Santillo, International Operations, IPS

11:30-12:00  Intelligence Monitoring & Analysis of Social Networks - An Introduction  
Product Manager, trovicor

13:30-14:00 Session A  Monitoring Social Networking sites for Actionable Intelligence  
Nanda Kumar, Director, Paladion

13:30-14:30 Session B  Social Network Monitoring and Analysis - How to gain new insights  
Product Manager, trovicor (Only open to Law Enforcement and Intelligence Analysts)

14:00-14:30 Session A  Probing the Mobile IP Networks: An Effective Approach to Web Mass Interception  
Simone Benvenuti, Solution Architect, RCS S.p.A.

15:00-16:00 Session A  Forensics of Web 2.0 Applications and Social Networks  
ATIS systems Presenter to be Announced (Only open to Law Enforcement and Intelligence Analysts)

15:00-15:30 Session B  Lawful Interception in Virtual Environments  
Dave Britt, Director of APM Technology, Net Optics

15:30-16:00 Session B  Cloud Developments and LI/RD as a Service Opportunities  
Tony Rutkowski, VP, Yaana Technology

Wednesday, 15 February 2012
8:30-9:30  A Web Master Key™ for Social Networks Monitoring, Interception and Analysis
  Ugo Santillo, IPS – RESI Group (Only open to Law Enforcement and Intelligence Analysts)

9:00-9:30  Real-time sentiment, social media, and text analytics at internet speeds
  Anand Ranganathan, IBM

10:30-11:00 Session A  How to Fine Tune the Accuracy and Performance of Social Network Monitoring
  Gregory Fresnais, International Business Development Director, BreakingPoint Systems

10:30-11:30 Session B  Social Network Monitoring and Analysis - How to Gain new insights
  Product Manager, trovicor (Only open to Law Enforcement and Intelligence Analysts)

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**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.

**Tuesday, 14 February 2012**

9:00-9:30  Combining Mobile Location Monitoring and Behavior Analysis to Improve LEA Decision Support
  Amalendu Parasnis, Mobilaris AB

9:30-10:00  Next Generation Mobile Location Technology and National Security
  Colin Bryce, CommScope

11:00-11:30  Integration of Location Based Services as One More Information Source on Top of Traditional Intercepted Services
  Dirk Börgerding, Pre-Sales Manager, Utimaco LIMS

11:30-12:00  Identify "unknown" suspects using unique movement patterns derived from high accuracy, historical mass geo-location of wireless devices
  Bhavin Shah, VP Marketing and Business Development, Polaris Wireless
13:30-14:00  Challenges Monitoring Sophisticated Mobile Satellite Handsets - Inmarsat IsatPhone Pro
Session A  Richard Grundy, L-3 TRL Technology
14:00-14:30  Analysing Massive Telecommunications Traffic to Expose Criminal Relationships
Session A  VASTech Speaker to be Announced
13:30-14:30  C3G UMTS Direction Finding with the Demonstration on Cellular Interception  (This session is only open to LEA and Government)
Session B  Geoff Noonan, COBHAM
16:30-17:30  Unique 2G/3G IMSI catching solution for mobile operations (pedestrian, vehicle, aircraft) and fixed installations (prisons)  (This session is only open to LEA and Government)
Session A  Marco Frigerio, PLM, EXFO NetHawk and Sebastien Vichard, Regional Sales Manager, EXFO NetHawk
16:30-17:30  Targeted Satellite Monitoring - Where is the Intelligence?  (This session is only open to LEA and Government)
Session B  VASTech Speaker to be Announced

Wednesday, 15 February 2012

8:30-9:00  Active, Passive and Hybrid GSM & 3G Monitoring systems. Practical Solution and Overcoming
Volquard Shaa, PhD. Security Technical Field Expert, Neosoft AG
9:00-9:30  Practical Solutions for Cellular Tracking and Localization.
Dr. German Sorokin, Technical Expert, Neosoft AG
12:00-13:00  New Hybrid capabilities of Active and Passive GSM Monitoring Systems  (This session is only open to LEA and Govenment)
Dr. German Sorokin, Technical Expert, Neosoft AG

Track 4: ISS for Intelligence Gathering and Analysis
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 data from various sources using visual analytics, semantic technologies, data mining, OSINT and other intelligence gathering tools and techniques.

**Tuesday, 14 February 2012**

11:00-11:30 Session A  **Who, What, When, Where and How: Semantics Helps Connect the Dots**  
GianPiero Oggero, Director Strategic Accounts, Intelligence Division, **Expert System**  
Andrea Melegari, COO, Intelligence Division, **Expert System**

11:00-11:30 Session B  **Intelligenomics - Coherence of Intelligence & Multi Dimensional Data Analytics**  
Praveen Jaiswal, Head BD, **Vehere**

11:30-12:00  **Codename: Da Vinci. Attack, control and gather intelligence from personal devices**  
David Vincenzetti, Partner, **Hacking Team**

13:30-14:00 Session A  **User Network Behavior Analysis and Prediction**  
**HUAWEI** Presenter to be Announced

13:30-14:00 Session B  **Lessons Learned from the top 3 U.S. Government OSINT Programs**  
Dominic Dunkley, Solution Engineer Manager, **Kapow Software**

14:00-14:30 Session A  **Intelligence Gathering from Facebook and Twitter conversations in Arabic**  
Bastien Hillen, **Scan & Target**

14:00-14:30 Session B  **Case Studies with Visual Analysis**  
Alper Tosun, Manager, **BTT Bilgi Teknoloji Tasarim**

15:00-15:30  **Multimedia Mass IP Interception - Capturing & Processing**  
Innovation Manager, **trocicor**

15:30-16:00  **A system of finding Drug Trafficker**  
Ning Jiang, Product Manager, **Semptian Technologies**
Wednesday, 15 February 2012

8:30-9:30 Session A
Potency of Cumulative Cyber Attack Vectors
Faiz Ahmad Shuja, CEO, Rewterz

8:30-9:00 Session B
Triage Tools used by Special Forces for Exploitation of Computers and Digital Devices
J.J. Wallia, CEO/Co-Founder, ADF Solutions, Inc.

9:00-9:30 Session B
New Trends in Data Analysis - Handling Massive Amounts of Data
Solutions Sales Manager, trovicor

10:30-11:00
Digital Footprint - Are you aware of your digital traces?
ATIS systems Presenter to be Announced

11:00-11:30 Session A
Intelligence Management System - Handling Big Data
Renaud Roques, Amosys - Bull

11:00-11:30 Session B
A Massively scalable and flexible real-time platform-based approach to intelligence gathering
Anand Ranganathan, IBM

Track 5: Encryption Traffic Monitoring and IT Intrusion Product Demonstration

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

Tuesday, 14 February 2012

9:00-10:00
Governmental IT Intrusion: Applied Hacking Techniques used by Government
MJM, Gamma Group
13:30-14:30  Active IP Intrusion, Infection, Blocking and Shaping within Backbones - Powered by FinFisher
Gamma Group

15:00-16:00  Codename: Da Vinci. Stealth Data Collection. Massive Target Scalability. And an Artificial Intelligence Engine to Adapt to Hostile Environments
Marco Valleri, Senior Security Engineer, and Daniele Milan, Senior Security Engineer, Hacking Team

16:30-17:30  VUPEN Sophisticated Exploits for IT Intrusion and Offensive Security
Chaouki Bekrar, CEO & Director of Vulnerability Research, VUPEN

Wednesday, 15 February 2012

8:30-9:30  Offensive IT Intelligence Information - Gathering Portfolio - An Operational Overview
MJM, Gamma Group

10:30-11:30  Codename: Da Vinci. An in-depth, live demonstration of infection vectors and attack techniques
Marco Valleri, Senior Security Engineer, and Daniele Milan, Senior Security Engineer, Hacking Team

12:00-13:00  Monitor Wi-Fi in 5 ways with Remote Intrusion
ClearTrail Technologies Speaker to be Announced

Track 6: Social Network Monitoring and Investigation Product Demonstrations

This track is only open to Law Enforcement, Public Safety and Government Intelligence community attendees

Tuesday, 14 February 2012
9:00-10:00  Brocade MLXe + IBM InfoSphere Streams: End-to-end advanced network telemetry and real-time security analytics  
Anand Ranganathan, IBM

11:00-12:00  Cell Phone Investigation of Apps and Social Media with XRY  
Anna-Maija Graus, Area Manager Middle East and North Africa, Micro Systemation AB

13:30-14:30  Social Network Monitoring and Analysis - How to Gain New Insights  
Product Manager, trovicor

15:00-16:00  Forensics of Web 2.0 Applications and Social Networks  
ATIS systems present to be announced

Wednesday, 15 February 2012

8:30-9:30 Session A  A Web Master Key™ for Social Networks Monitoring, Interception and Analysis  
Ugo Santillo, International Operations, IPS

8:30-9:30 Session B  A New Approach for OSINT: Live Demonstration of Semantic Technology for Intelligence  
Maurizio Mencarini, Sales Director, Intelligence Division, Expert System

10:30-11:30  Social Network Monitoring and Analysis – how to gain new insights  
Product Manager, trovicor

12:00-13:00  How to Use BreakingPoint Systems to Validate Lawful Intercept Systems and Social Network Monitoring Systems  
Gregory Fresnais, International Business Development Director, BreakingPoint Systems

Track 7: Mass Data Monitoring, Intercept and Analysis Product Demonstration
Tuesday, 14 February 2012

9:00-10:00 Applying Artificial Intelligence in Mass Monitoring of Internet & Voice Calls
ClearTrail Technologies Speaker to be Announced

11:00-12:00 Session A
How to find actionable intelligence from the mountain of data coming from intercepted communications
John Senior, Sales Engineer, SS8

11:00-12:00 Session B
Find your enemy by his voice. VoiceGrid system - non-invasive people search
Marina Nastasenko, Voice Biometrics Expert, Speech Technology Center

13:30-14:30 C3G UMTS Direction Finding with the Demonstration on Cellular Interception
Geoff Noonan, COBHAM

15:00-16:00 Session A
FoxReplay Analyst 3.0 'Blanford' Product Demonstration
Bob Brandt, Product Manager Replay, NetScout Systems Inc.

15:00-16:00 Session B
NetRASAT - Scalable Network Intelligence for LI
Dr. Ismail Uzun, C2Tech

16:30-17:30 Session A
Multimedia Mass IP Interception - a Live Demo
Innovation Manager, trovicor

16:30-17:30 Session B
Targeted Satellite Monitoring - Where is the Intelligence?
VASTech Speaker to be Announced

16:30-17:30 Session C
Unique 2G/3G IMSI catching solution for mobile operations (pedestrian, vehicle, aircraft) and fixed installations (prisons)
Marco Frigerio, PLM, EXFO NetHawk and Sebastien Vichard, Regional Sales Manager, EXFO NetHawk

Wednesday, 15 February 2012
10:30-11:30 Session A  Application & User Data Interception Demo
Jens Geier, Product Manager, ipoque, A Rohde & Schwarz Company

10:30-11:30 Session B  Polaris Wireless Altus Application Product Demonstration
Mahesh Patel, SVP, Applications, Polaris Wireless

12:00-13:00 Session A  Intelligence Analysis - Turning Mass Data into Intelligence
Product Manager, trovicor

12:00-13:00 Session B  Multi-Source Data Correlation for Intelligent Retention & Action
Joel Ebrahimi, Bivio Senior Solutions Architect, Bivio Networks

12:00-13:00  New Hybrid capabilities of Active and Passive GSM Monitoring Systems
Dr. German Sorokin, Technical Expert, Neosoft AG

Pre-Conference Seminars (Monday, 13 February 2012)

Seminar #1: 8:30-16:30
Understanding ISS Technologies and Products Deployed in Telecommunications Networks 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. 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.
8:30-10:45
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, SS7,SDH, DSL,billing systems and call
detail records, standards for lawful intercept, basic LI elements (access, delivery and collection function), call information, call content data collection, and where are ISS products deployed for monitoring and intercept.

11:00-14:00

**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, fixedmobile convergence and IMS and where are ISS products deployed for monitoring and intercept.

14:15-16:30

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

What Investigators Have To Know about IP call Identifying Information, Radius, DHCP, DNS, etc. and 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 and what can be done to address Internet intercept deploying ISS infrastructure and where are ISS products deployed for monitoring and intercept.

**Seminar #2: 8:30-16:30**

**Advanced IP Intercept Training Seminar**

*Presented By: Hendrik Schulze, President & CEO, *ipoque* and Jens Geier, Product Manager, *ipoque*

8:30-10:45

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

11:00-14:00

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

14:15-16:30

**Basics of IP Application Decoding**

**Seminar #3: 8:30-16:30**
WIRETAPPING: Understanding the Basics

Joseph Messinese, Manager-Training Program, T3TECHSYSTEMS Joseph Messinese also holds the position of Officer, Maryland State Police, USA.

This one day course will be an introduction and overview of wiretap investigations and systems used by law enforcement and intelligence agencies throughout the United States and abroad. This one-day course will demonstrate the basics for law enforcement/intelligence agencies to overcome the fears of conducting a wiretap investigation and show how beneficial this tool can be. The class will include current intercept technologies and brief demonstration of actual wiretap investigation during the wire, and how to properly manage and run the wiretap room.

8:30-9:30

Wiretap Technologies
What interception systems are available to government agencies and their benefits. A brief demonstration will be given of the Sytech ADACS4 interception system to give students a real-life glimpse of an operational system.

9:45-10:45

Pre-Wire Tap Investigation
This block of instruction will explain to the student eh necessary requirements that are needed prior to authoring the wiretap. Items such as PEN registers, surveillance, exhaustion and de-confliction will be addressed.

11:00-12:00

Detailed Explanation of PEN Analysis
Needed for wiretaps and how to do a PEN analysis without expensive software programs

13:00-14:00

Case Management, Notifications and Virtual Command Center VCC Intercepting
How to integrate the VCC into your wire investigation.

14:15-15:15

The Actual Wiretap Investigation
Once you are "online", what to expect, how to manage the information flow, how to "tickle" the wire, how to properly conduct "wall-off" operations and manage the flow of information.
Key Consideration for Setup and Layout of a Wire Room (temporary or permanent)

This seminar is only open to law enforcement, intelligence analyst and defense personnel.