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 to bridge the chasms from lawful intercept data gathering to information creation to investigator knowledge to actionable intelligence.

**Track 1: ISS for Lawful Interception**

**Track 2: ISS for Criminal Investigation**
Track 3: ISS for Data Retention and Regulatory Compliance
Track 4: ISS for Mobile Location, Surveillance and Intercept
Track 5: DPI for Lawful Interception and Cyber Security
Track 6: ISS for Intelligence Gathering and Analysis
Track 7: LEA and Intelligence Analyst Product Training
Pre-Conference Seminars and Tutorials (Monday, 21 February 2011)

ISS World MEA - Conference Agenda at a Glance
21 - 23 February 2011

ISS World MEA Exhibits

Tuesday, 22 February 2011
10:00 - 18:00
Wednesday, 23 February 2011
9:30 - 12:30
Pre-Conference Seminars (Monday, 21 February 2011)
Welcoming Remarks
8:15-8:30 Tatiana Lucas, ISS World Program Director, TeleStrategies
Keynote
**Track 1: ISS for Lawful Interception**

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

**Tuesday, 22 February 2011**

11:00-12:00, Session A  
**LI for New IP Services “Best Practices” Guru Panel**

Cristian D’Incertopadre, International Operations, *IPS*
11:00-11:30, Session B  
**ZTEsec DeepInsight Solution - Comprehensive and Intelligent Interception Solution**  
*Shi Yi, ZTEsec*

11:30-12:00, Session B  
**Intelligence Solutions for LEAs**  
*Head of Sales APAC, trovicor*

13:30-14:00, Session A  
**Cost Effective, Flexible Network Interception and Monitoring Solutions**  
*Jeff Zindel, Vice President of Marketing, Glimmerglass Networks*

13:30-14:30, Session B  
**State-of-the-art Monitoring Center solves today’s Interception Challenges**  
*Solution Architect, trovicor*

14:00-14:30, Session A  
**Active or Passive Interception, or both, that’s the question**  
*Alessandro Mordacci, Senior Advisor, Ericsson*

15:00-15:30  
**The Key Role of Network Intelligence Technology for Lawful Intercept**  
*Jean-Philippe LION, Vice-President EMEA, Qosmos*

15:30-16:00, Session A  
"Proxy Wars"  
*Hendrik Schulze, CTO, ipoque*
15:30-16:00, Session B  Intelligent IP Probing: A different approach to mass interception  
Simone Benvenuti, Solution Architect, RCS

16:30-17:00, Session A  A Holistic Approach to implementing Mobile Location for Lawful Intercept, from legislation compliance to RoI  
Tom Staniland, MEA Sales Manager, Creativity Software

16:30-17:00, Session B  Mobile Data Intercept with Enriched Identity and Location Data from Network Signaling  
Ray Hutton, TeleSoft Technologies

17:00-17:30, Session A  Challenges of Webmail Interception and Analysis  
Malek Akilie, Regional Manager, MENA Sales, SS8

17:00-17:30, Session B  Implementation of Effective LI Systems in Modern Multi-Network Environment  
Mykola Shchepets, Crypton-M

Wednesday, 23 February 2011

8:30-9:00, Session A  Overcoming Limitations of Passive Monitoring  
Pankaj Mittal, CTO, ClearTrail Technologies

8:30-9:00, Session B  A Human-centric approach to IP investigation  
Paolo Mandelli – International Sales Director, AREA

9:00-9:30  
Lawful Interception in Broadband Wireless Networks (WiMAX, LTE)  
René Nitzinger, Product Manager, Utimaco LIMS

10:00-10:30  
Threats from Social networks: Challenges and Solutions for Communication Monitoring and Intelligence Analysis  
Ugo Santillo, IPS – RESI Group

10:30-11:00  
Challenges for turnkey LI applications for high-capacity and centralized IP traffic  
Dr. Hasan Palaz and Dr. Ismail Uzun, C Tech Bil. Tek. San ve Tic. A.Ş. (C2Tech)

11:30-12:00  
Is your Existing LI Apparatus Effective Anymore?  
Praveen Kankariya, Chairman, ClearTrail Technologies
12:00-12:30, Session A  Monitoring Social Network Communication  
Kevin Graves, CTO, *IP Fabrics*

12:00-12:30, Session B  Dealing with Large Bandwidths - Future Requirements for LI  
Mark Uldahl, Solution Expert, *ETI Connect*

13:30-14:00  Challenges and Solutions for LI in Complex IP Networks  
Chris MacFarlane, President, *ETI Connect*

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**Track 2: ISS for Criminal Investigations**

This track is for Law Enforcement, Intelligence and Cyber Security Analysts who have investigation responsibilities associated with telecommunications networks.

**Tuesday, 22 February 2011**

11:00-11:30  IT Intrusion with FinFisher – An Operational Overview of Monitoring Encrypted Data on Computers and Mobile Phones  
Stephan Oelkers, General Manager, *Gamma Group*

11:30-12:00  The Distinct Roles and Values of an End-to-End IP Intercept Solution  
Derek Roga, Senior VP, Business Development, *SS8*

14:00-14:30  Highly Reliable Biometric System Based on the Fusion Decision of Voice Identification and Facial Recognition  
Andrey Barinov, Head of Voice Biometrics Department, *Speech Technology Center*

15:00-15:30, Session A  Target Identities in Network Communications - Hard to Obtain (or Rather Easy)?  
Dirk Schrader, Director, *Utimaco LIMS*

15:00-15:30, Session B  Secure and improve the long term ROI for Governments  
Richard Coppens, Managing Director, *Group 2000 Netherlands BV*
15:30-16:00, Session A
**Tactical Lawful Intercept of IP communications**
*Tony Hickson, International Business Development Manager, Detica*

15:30-16:00, Session B
**Voice Biometrics use cases: Law Enforcement, Intelligence, Theater Operations**
*Angelo Ferraris, Loquendo*

16:30-17:00
**Problems with Web 2.0-Applications? Overview of a Reverse Engineering Approach & Demo**
*Alessandro Guida, ATIS systems GmbH*

17:00-17:30
**From Data Collection to Action: Achieving Rapid Identification of Cyber Threats and Perpetrators**
*Marco Germoni, Director, Engineering, Internet Applications & Services, Bivio Networks*

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**Wednesday, 23 February 2011**

8:30-9:00
**How to counter the ever increasing traffic volume by enhancing LI analysis software efficiency**
*Christian Prickaerts, Fox-IT*

9:00-9:30
**Monitoring e-mails, SMS and IM in Arabic, dialects and Arabizi**
*Bastien Hillen, Scan & Target*

10:00-10:30
**Leveraging IP metadata to optimize Monitoring Center performance**
*Erik Larsson, Vice-President Marketing, Qosmos*

10:30-11:00
**Identifying the needle in the 10/40/100G haystack. Network Monitoring in today and tomorrow’s Data Center**
*Bob Shaw, CEO, Net Optics*

11:30-12:00
**Digital Footprint – Are you aware of your digital traces?**
*Dr. Stefan Diepolder, ATIS systems GmbH*
12:00-12:30  Do you think you’re in control?
John Smit, Corporate Advisor, Group 2000 Nederland B.V

13:30-14:30, Session A  Active IP Intrusion, Infection, Blocking and Shaping within Backbones - Powered by FinFisher
Stephan Oelkers, General Manager, Gamma Group

14:00-14:30, Session B  Voiceprints in Communication Systems - the way to find a criminal
Konstantin Popov, International Marketing, Speech Technology Center

Track 3: ISS for Data Retention and Regulatory Compliance

This track is for Law Enforcement, Interior Security and the Intelligence Community who have to work with cellular and mobile satellite operators to locate targets and intercept communications.

Tuesday, 22 February 2011

11:00-11:30  Clear Requirements needed for Managing a Complex Situation
Kjell Yving, Sales Manager, Ericsson

11:30-12:00  Data Retention Evolution
Mark Percival, Product Manager DataRetain, Detica

13:30-14:00  SMS, the forgotten Source of Intelligence!
Dirk Schrader, Sales Director, Utimaco LIMS

14:00-14:30  Metadata Extraction and Retention for IP Applications
Derek Granath, VP, Product Line Management, SS8
Wednesday, 23 February 2011

8:30-9:00  
Context-Based Data Retention using Multi-Source Collection & Correlation  
Marco Germoni, Director, Engineering, Internet Applications & Services, Bivio Networks

9:00-9:30  
New Global Initiatives for LEA Support and Regulatory Compliance: Electronic Warrant and Cloud LI/RD specifications  
Tony Rutkowski, VP Regulatory, Yaana Technologies

Track 4: ISS for Mobile Location, Surveillance and Intercept

This track is for Law Enforcement, Interior Security and the Intelligence Community who have to work with cellular and mobile satellite operators to locate targets and intercept communications.

Tuesday, 22 February 2011

11:00-11:30  
Monitoring of Portable Satellite IP Terminals  
Ralf Seeger, Rheinmetall

13:30-14:00  
Why Broadband Monitoring Approach for Mobile Satellite Phones?  
Werner Barz, Rheinmetall

15:00-15:30  
Leveraging Mobile Network Events to Identify and Locate Criminal Activity  
Brian Varano, Director of Marketing, TruePosition

15:30-16:00  
High Accuracy Mass Geo-Location Data: Why is it Critical for the Analyst?  
Bhavin Shah, Vp, Marketing & Business Development, Polaris Wireless
16:30-17:00 Monitoring and Precise Location of Modern Communication Threats  
Jean-Philippe Lelievre, Thales

17:00-17:30 LI Positioning, grasp the new opportunities in a changing world  
Jeroen de Jong, Strategic Product Manager, Ericsson

Wednesday, 23 February 2011

9:00-9:30 Do not forget about Traditional Radio Monitoring  
Bernd-Otto Wolf, MEDAV GmbH

10:00-10:30 Overview of Location Technology for Mission Critical Applications  
Steve O’Neill, VP of International Operations, TruePosition

10:30-11:00 Mobile Location Surveillance and Intercept – the Economic Impact of Compliance  
Tom Staniland, MEA Sales Manager, Creativity Software

11:30-12:00 Implementation Choices for Real-Time Satellite Monitoring  
Richard Grundy, L-3 TRL

12:00-12:30 The Challenges of Monitoring VSAT Networks  
Richard Grundy, L-3 TRL

Track 5: DPI and Intelligent Probes for Lawful Interception and Cyber Security

This track is for telecom operators, law enforcement, intelligence analysts or just about anyone who has to understand Deep Packet Inspection (DPI) technologies, product availability, applications and other issues facing telecom operators who deploy DPI infrastructure
Tuesday, 22 February 2011

11:00-11:30  Validating the Resiliency of DPI-Capable Devices Under Maximum Application and User Load
             Stephane Johnson, BreakingPoint Systems

11:30-12:00  The Big IP Probe
             George Chen, CEO, Semptian

13:30-14:30  Best DPI and Intelligence Probes for Lawful Interception, Network Security and Traffic Management
             Erik Larsson, Vice-President Marketing, Qosmos
             Mark Bennett, Managing Consultant, Detica
             Cristian D'Incertopadre, IPS – RESI Group
             Klaus Mochalski, CEO, ipoque
             Benoit Cannick, Managing Director, ETI UK Ltd.
             Nanda Kumar, CTO, Paladion Networks
             Patrick Fewery, Semptian
             Stephane Johnson, BreakingPoint Systems

15:00-15:30  IP Guardian – Implementation Scenario
             Al Fahad Group – name to be determined

15:30-16:00  Interception and Intelligence Gathering - Impact of growing bandwidth and new IP Applications
             Cemal Dikmen, CTO, SS8

16:30-17:30, Session A  Deep Packet Inspection vs. Full Decoding
                         Mark Uldahl, Solution Expert, ETI Connect

16:30-17:30, Session B  IP Interception – how to master the growing challenges
                         Product Manager, trovicor

Wednesday, 23 February 2011
10:00-10:30  Enhancing traditional LI and DR systems with DPI
René Nitzinger, Product Manager, Utimaco LIMS
Jean-Philippe LION, Vice-President EMEA, Qosmos

10:30-11:00  Preventing Cyber Crime
Mark Dampster, International Business Development Manager, Detica

11:30-12:00 Utilizing packet decoding techniques for intercepting HTTPS, capturing VOIP and for granular page blocking at national gateways
Nanda Kumar, CTO, Paladion Networks

12:00-12:30 The Art of Application Decoding
Klaus Mochalski, CEO, ipoque

13:30-14:00 Effective Use of DPI-Enabled Technology for Security, Monitoring and Control
Marco Germoni, Bivio Networks

14:00-14:30 Validating Lawful Intercept Systems Work Each Time, Every Time
Stephane Johnson, BreakingPoint Systems

Track 6: ISS for Intelligence Gathering and Analysis

ISS for Intelligence Gathering and Analysis. This track is for intelligence analysts who must gather on-line intelligence by deploying visual analytics, data mining and OSINT programs.

Tuesday, 22 February 2011
11:00-11:30  
**IP Guardian – Gathering Intelligence from P2P VoIP**  
*Al Fahad Group – name to be determined*

11:30-12:00  
**A Stealth, Spyware-Based System for Attacking, Infecting and Monitoring Computers and Smartphones**  
*David Vincenzetti, Partner, Hacking Team*

13:30-14:00  
**Efficient Cross-Search in multiple Source Intelligence.**  
*Renaud Roques, Amesys*

14:00-14:30  
**Identity Management in the LI: the key to identify the new era targets**  
*Emanuele Marcozzi, Presales Engineer, AREA*

15:00-15:30  
**An Analytical Approach to Data Exploitation**  
*Peter Snelling, SAS Middle East*

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**Wednesday, 23 February 2011**

8:30-9:00  
**Multi Sensor Fusion and Mass Data Evaluation**  
*Roland Behmenburg, PLATH GmbH*

9:00-9:30  
**Search Engine and Data Mining - a potential symbiosis**  
*Product Manager, trovicor*

10:00-10:30, Session A  
**Mass IP Metadata Analysis – Challenges and Solutions**  
*Dr. Cemal Dikmen, CTO, SS8*

10:00-10:30, Session B  
**Social Network Analytics and it's role in detecting Fraud and Financial Crimes**  
*Chris McAuley, SAS Middle East*

10:30-11:00  
**Handling of Malicious IP material in evaluation systems**  
*Axel Möhring, innoSysTec, PLATH Group*
Track 7: LEA, Intelligence and Defense Analyst Training and Product Demonstration Track

This training and product demonstration track is open only to Law Enforcement, Intelligence, Defense Analysts and other Government Executives.

Tuesday, 22 February 2011

11:00-12:00, Session A  Demonstration of high accuracy mobile geo-location applications
Mandar Samant, Sr. Manager of Applications, Polaris Wireless

11:00-12:00, Session B  Monitoring HTTPS Based Applications in the Changing Cyber World
Sameer Fegade, Director-Engineering, ClearTrail Technologies

11:00-12:00, Session C  Demonstration of Practical Usage of Passive GSM Interception System "AquaGSM"
Mykola Shchepets, Crypton-M

13:30-14:30, Session A  Governmental IT Intrusion: Applied Hacking Techniques used by Government Agencies
MJM, IT Intrusion Expert, Gamma Group

13:30-14:30, Session B  Demonstration of Network Intelligence technology for Lawful Interception
Jean-Baptiste Duvauchelle, Systems Engineer & Project manager, Qosmos
AudioScope – Navigating in Audio  
*Henrik Høj Pedersen, Product Manager, Cobham Tactical Communications & Surveillance*

REMOTE CONTROL SYSTEM v7: The ULTIMATE WEAPON for attacking and covertly monitoring PCs and Smartphones  
LIVE DEMO: Targeting Windows, Windows Mobile, Mac, iPhone, Symbian and BlackBerry  
*Marco Valleri, Senior Security Engineer, and Alberto Ornaghi, Senior Security Engineer, Hacking Team*

Offensive IT Intelligence and Information Gathering Portfolio - An Operational Overview  
*MJM, IT Intrusion Expert, Gamma Group*

How to access data directly from PCs – an Interception Demo  
*Solution Architects, trovicor*

Palantir 101: Full-Scale Product Functionality Training  
*Will Barley, Forward Deployed Engineer, Palantir*

FoxReplay Analyst Product  
*Christian Prickaerts, Fox-IT*

Product presentation: COPS - Communication Profiling System - Meta data analysis and network visualisation  
*Alexander Gruchmann, PLATH GmbH*

**Wednesday, 23 February 2011**

A Web Master Key™ for Social Networks Monitoring, Interception and Analysis  
*Ugo Santillo, IPS – RESI Group*

ipoque DPX Network Probe  
*Jens Geier, System Architect, ipoque*
8:30-9:30, Session C  
**Palantir 101: Full-Scale Product Functionality Training**  
Will Barley, Forward Deployed Engineer, Palantir

10:00-11:00, Session A  
**REMOTE CONTROL SYSTEM v7: IN-DEPTH demonstration of INFECTION vectors and ATTACK techniques for PCs and Smartphones**  
*Alberto Ornaghi, Senior Security Engineer, Hacking Team*

10:00-11:00, Session B  
**Klarios® 2.0 - Investigative Work in a Web 2.0 Environment**  
*Walter Borrmann, ATIS systems GmbH*

10:00-11:00, Session C  
**A New Platform for all your IP Lawful Interceptions**  
*Emanuele Marcozzi – Presales Engineer, AREA*

11:30-12:30, Session A  
**Finding the needle in the haystack – an Analysis Demonstration**  
*Product Manager, trovicor*

11:30-12:30, Session B  
**Cost Effective, Flexible Network Interception and Monitoring Solutions**  
*Bernd Schilp, Vice President of Sales EMEA and Safdar Akhtar, Managing Director-EMEA, Glimmerglass Networks*

11:30-12:30, Session C  
**Multi-Source Data Correlation for Intelligent Retention & Action**  
*Marco Germoni, Bivio Networks*

13:30-14:30, Session A  
**"LavaField: the portable voice recognition solution of Loquendo**  
*Luciano Piovano, Loquendo*

13:30-14:30, Session B  
**BTTScope Extract Intelligence from CDR**  
*Alper Tosun, BTT*

13:30-14:30, Session C  
**Monitoring Mobile Satellite Phone handsets, Inmarsat, Thuraya, ACeS/Isatphone and IsatPhone Pro**  
(Presentation and Live Demonstration of Thuraya Monitoring System)  
*Richard Grundy, L-3 TRL*
13:30-14:30, Session D  **Efficient Analysis and Case Management Tools - The Prerequisites for Successful LI**  
(Product Training and Demo)  
*Benoit Cannick, Managing Director, ETI UK Ltd.*

13:30-14:30, Session E  **Latest Generation - Mobile Tactical Audio Processing System**  
*David William Robinson, DWR Associates Inc*

14:45-15:45  **Advanced Video Analysis of Proprietary CCTV & Surveillance**  
*David William Robinson, DWR Associates Inc*

16:00-17:00  **Forensic Detection of Doctored Photoshop Imagery**  
*David William Robinson, DWR Associates Inc*

### Pre-Conference Seminars and Tutorials

**Monday, 21 February 2011**

8:30-16:30  **Implementation of a Tactical Communications Analytical Unit in Your Agency**  
*Jill Hammond, Senior Analyst, NTI Law Enforcement Services*

A detailed review of the equipment, hardware, software, analytical/reporting techniques, and concepts necessary to put into operation an analytical unit that can exploit communications records (Landline, cell, VoIP, Satphone, Prepaid calling cards, and emails) in support of criminal and national security investigations.

Function of a Tactical Communications Analysis Unit (TCAU)

Acquire real time and historical communications records and perform appropriate analyses to determine relationships, hierarchy, and organizational structure of co-conspirators and identify individual involvement in criminal and/or terrorist activities. Integrate the results of communications analysis with other intelligence information (activities, financial transaction, surveillance, etc.) collected during the investigative process to generate tactical leads that support the ongoing investigative process.

8:30-9:30  **Acquisition of communications records**: What to get (real time & historical). How much to get. Validating and understanding records received
9:45-10:45

**Preparing and formatting communications records for computer analysis.**
Hardware and software to pre-process raw communications records for electronic storage

11:00-12:00

**Understanding basic and advanced analytical concepts.**
Enhancing the results of basic contact communications analysis (frequency, common call, etc.). Advanced communications temporal analytical theory.

13:00-14:00

**Understanding the functionality you’ll need in database & analytical software.** Functionality needed to support your operation. Database storage to properly hold communications and related records. Selecting advanced analytical software to perform contact and temporal direct and implied analysis of those records

14:00-15:00

**Presentation of findings** – Interpreting the results of computerized analysis of communications records and generating tactical leads. A new approach to writing and presenting analytical reports

15:30-16:30

**Building the TCAU** – Staffing- Choosing the right people and training. Working with vendors. Putting analytical workflow and operational procedures in place.

8:30-12:00

**Understanding Telecommunications Technologies for LEA Investigators and Intelligence Analysts (Three One Hour Sessions)**
*Presented By: Dr. Jerry Lucas, President, TeleStrategies*

This pre-conference seminar is for law enforcement, interior security and intelligence analysts who have to understand telecommunications technology buzz words and jargon in order to communicate with telecom operator engineers regarding their Intelligence Support System (ISS) requirements regarding lawful interception, investigative analysis and intelligence gathering with intercept case study challenges. Seminar sessions include:

8:30-9:30

**Understanding Wireline Telecom Infrastructure and Interception**
*PSTN Basics:* 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.

**Intercept LI Architectures:** ETSI standards overview for lawful intercept, basic LI elements (access, delivery and collection function), call information and call content data collection, SS7 probes and relevant telecom network elements.

**VOIP Infrastructure:** Circuit Switching vs. VoIP, SIP, SoftSwitches, Gateways, VoIP over Broadband, DSLAM's and PSTN Interconnection.

9:45-10:45

**Understanding Mobile Wireless Infrastructure and Interception**

**Overview:** Infrastructure basics (GSM, GPRS, EDGE, UMTS, HSPA and LTE), Wi-Fi, WiMax and Femtocells.

**Call Processing:** How a cellular call is processed, back office infrastructure, HLR, VLR, Backhaul and PSTN interconnection.

**Data Services and New Developments:** SMS, MMS, EM, data services, fixed mobile convergence and IMS.

**Wireless Location:** The basics of mobile wireless technologies, A-GPS, AOA, TDOA, U-TDOA, WLS and location accuracy.

**LEA and IC Challenges:** Transforming cell records and location data into actionable intelligence, Smart Phone intercept and wireless provider business model, Apple iPhone, Google Android and LTE Challenges.

11:00-12:00

**Understanding the Internet and Lawful Interception**

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, Websites, Skype, Instant Messaging, Chat Rooms and Message Boards, IMS, P2P Networks and Deep Packet Inspection.

**LEA and IC Challenges:** In summary what can be done to address Internet intercept deploying ISS infrastructure, what can’t be done without new legislation and future challenges law enforcement and the intelligence community faces.

13:00-16:30

**IP Intercept Training Seminar (Three One Hour Sessions)**

This technical training session addresses the basics of TCP/IP packet sniffing, deep packet inspection and IP application decoding.

*Klaus Mochalski, CEO and Technical Support Staff, ipoque*

13:00-14:00

**Understanding TCP/IP for Packet Sniffing and Traffic Analysis**
Considering there are over 200 major social networking sites, with the combination of Facebook, Twitter, and MySpace having over 800 million subscribers, combined with the fact that most sites offer various forms of communications, including instant messaging, public messages, emails/private messages, and voice/video calls, it is becoming clear that monitoring this communications must be part of an overall IP monitoring solution. This training session will provide an introduction to social networking, the forms of communications provided, and how they can be monitored.

Kevin Graves, CTO, IP Fabrics