ISS World® MEA
Intelligence Support Systems for Lawful Interception, Criminal Investigations and Intelligence Gathering
21-23 FEBRUARY 2011 • JW MARRIOTT • DUBAI, UAE

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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

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

8:30-10:00   **Top Ten Internet Challenges Facing Law Enforcement and the Intelligence Community**

*Jesper Mathiesen, Head of Consulting, **trovicor***

*Dr. Cemal Dikmen, CTO, **SS8***

*Dirk Schrader, Director, **Utimaco LIMS***

*Marco Braccioli, Senior VP, **IPS***

*Alessandro Guida, **ATIS systems** GmbH*

*Erik Larsson, VP, **Qosmos***

*Praveen Kankariya, Chairman, **ClearTrail Technologies***

*Alessandro Mordacci, Senior Advisor, **Ericsson***

*Glen Myers, CEO, **IP Fabrics***

*Chris MacFarlane, President, **ETI Connect***

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***

*Derek Granath, VP Product Management, **SS8***

*Rene' Nitzinger, Product Manager, **Utimaco LIMS***

*Jeff Zindel, Vice President of Marketing, **Glimmerglass Networks***

*Bert Hubert, **Fox-IT***

*Pankaj Mittal, CTO, **ClearTrail Technologies***

*Kevin Graves, CTO, **IP Fabrics***

*Ray Hutton, **TeleSoft Technologies***

*Benoit Cannick, Managing Director, **ETI UK Ltd.***

*Andrea Ghirardini, **AREA***

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***

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***

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 Fevery, **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

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

11:30-12:00	**Evaluation and Intelligence Fusion in Technical Reconnaissance**
	Bernd-Otto Wolf, **MEDAV GmbH**
12:00-12:30	**Intelligence Infrastructures: Future Platforms**
	Jeremy Carr, Business Development Engineer, **Palantir**

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**

| 13:30-14:30, Session C | **AudioScope – Navigating in Audio** |
| | *Henrik Høj Pedersen, Product Manager, **Cobham Tactical Communications & Surveillance*** |

15:00-16:00, Session A	**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***

| 15:00-16:00, Session B | **Offensive IT Intelligence and Information Gathering Portfolio - An Operational Overview** |
| | *MJM, IT Intrusion Expert, **Gamma Group*** |

| 15:00-16:00, Session C | **How to access data directly from PCs – an Interception Demo** |
| | *Solution Architects, **trovicor*** |

| 15:00-16:00, Session D | **Palantir 101: Full-Scale Product Functionality Training** |
| | Will Barley, Forward Deployed Engineer, **Palantir** |

| 16:30-17:30, Session A | **FoxReplay Analyst Product** |
| | *Christian Prickaerts, **Fox-IT*** |

| 16:30-17:30, Session B | **Product presentation: COPS - Communication Profiling System - Meta data analysis and network visualisation** |
| | *Alexander Gruchmann, **PLATH** GmbH* |

Wednesday, 23 February 2011

| 8:30-9:30, Session A | **A Web Master Key™ for Social Networks Monitoring, Interception and Analysis** |
| | *Ugo Santillo, **IPS – RESI Group*** |

| 8:30-9:30, Session B | **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

14:15-15:15

Deep Packet Inspection (DPI) Basics for LEAs, Intelligence Analysts and Telecom Operators

15:30-16:30

Basics of IP Application Decoding

8:30-9:30 **The Impact of Social Networking Services and How to Monitor them**
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 monitor 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**

9:45-
10:45 **Understanding Passive Monitoring Techniques for Mass Intercept and Mass Location Tracking**
Ray Hutton, **TeleSoft Technologies**

11:00-12:00 **The Evolving Service Provider Landscape and its impact on managing Network Intercepts**

Bernd Schilp, Vice President of Sales EMEA, **Glimmerglass Networks**

13:00-14:00 **Smart Phones, Security and Applications**

Alessandro Mordacci, Senior Advisor, **Ericsson**

14:15-15:15 **Telephony evolution: Voice & Broadband, a happy marriage?**

Torsten Kongshöj, Business Strategies Manager, **Ericsson**

15:30-
16:30 **The Impact of Social Networking Services and How to Monitor them**
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 monitor 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**