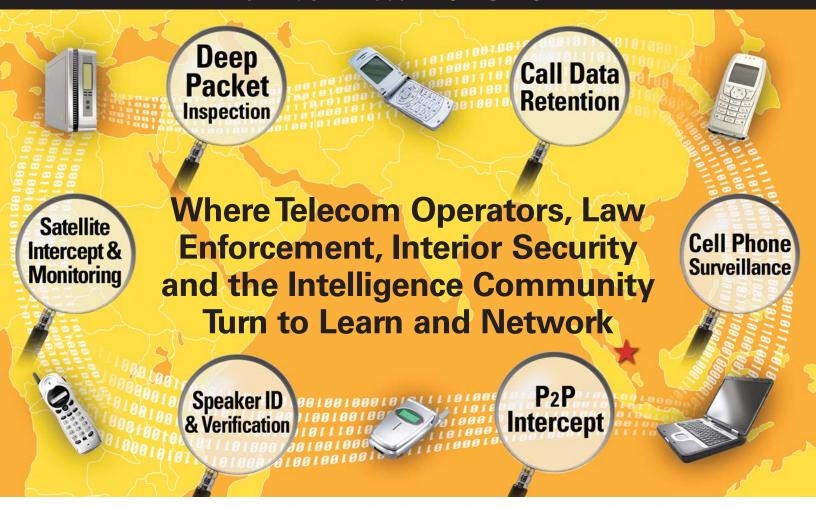
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Intelligence Support Systems for Lawful Interception, Criminal Investigations and Intelligence Gathering

9-11 JUNE 2008 • SINGAPORE















































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ISS World Asia Pacific

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

9-11 JUNE 2008 • SINGAPORE

ISS World Asia Pacific is the world's largest gathering of Asia Pacific Telecom Operators, Law Enforcement, Intelligence and Defense Analysts 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.

Five ISS World Tracks

Conference Track 1

ISS for Lawful Interception

Conference Track 2

ISS for Criminal Investigation and Intelligence Gathering

Conference Track 3

ISS for Data Retention and Regulatory Compliance

Training Track 4

LEA, Intelligence and Defense Analyst Training and Product Demonstration Track

Training Track 5

Deployment and Integration of Advanced Forensic Audio Signal Speech Processing and Video Enhancement Training Sessions

Exhibits

10 June 2008 11:00 to 18:00

11 June 2008 9:30 to 12:30

Monday, 9 June 2008

8:30-8:45

Welcoming Remarks

Tatiana Lucas, ISS World Program Director

8:45-10:15

Overview Addresses

Advance Telecommunications Technology-Aid or Threat to Corruption Investigation

Kwok Man-Wai, Tony, SBS, IDS Former Deputy Commissioner and Head of Operations, Independent Commission Against Corruption (ICAC), Hong Kong (1996-2002)

2nd Keynote (invited)

Honorable Mr Justice Pang, **High Court of Hong Kong**

Internet and IP Networking Impact on Lawful Interception, Criminal Investigation and Intelligence Gathering: Today and in the Future

Dr. Jerry Lucas, President, TeleStrategies

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.

Monday, 9 June 2008

10:45-11:15

Lawful Interception Industry Overview

Tony Rutkowski, Vice President Regulatory, **VeriSign**

11:15-11:45

Why LI and Mass Intercept of IP are Both Doomed to fail.

Karanvir Singh, President, KommLabs

13:15-14:15

Lawful Interception Guru Panel

Moderator: Dr. Jerry Lucas, President, **TeleStrategies**

Panel

Joegen Axland, General Manager for Business Development and Strategy,

Nokia Siemens Networks

Dr. Cemal Dikmen, VP & GM Lawful Intercept Products, SS8 Networks Jerome Tollet, CTO, Qosmos Praveen Kankariya, Clear-Trail Technologies

Keith Driver, Product Manager, **Telesoft**

Technologies

Klaus Mochalski, CEO, **Ipoque** Karanvir Singh, President, **Kommlabs Dezign**

Anatoly Korsakov, VP Sales, **Mera Systems** Alessandro Guida, Solutions Architect, **ATIS System**

14:45- 15:15

Lawful Intercept Challenges for Wi-MAX and Video Telephony

Scott Coleman, Director of Marketing, Lawful Intercept, **SS8 Networks Monitoring and Lawful**

15-15-15-45

Using Passive Probes in Packet and Traditional Networks to Deliver High Precision Communications Intercept.

Keith Driver, Head of Business Development (Intelligence/Defence) **Telesoft Technologies**

16:15-16:45

Interception: Technical and political challenges, solutions for active and passive interception.

Carlos Gandini, Head of Sales APAC, Nokia Siemens Networks

16-45-17-15

Deep Packet Inspection for Layer 7 Intercept

Jérôme Tollet, CTO, Qosmos

ISS World Asia Pacific

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

9-11 JUNE 2008 • SINGAPORE

Tuesday, 10 June 2008

8:30-9:00

Lawful Interception Solutions and Products

Anatoly Korsakov, VP Sales, Mera Systems

9:00-9:30

Lawful Interception in 2015; Are you Ready?

Praveen Kankariya, Chairman, ClearTrail **Technologies**

10:00-10:30

Effective Lawful Interception in a Changing Communication World

Koichi Hyodo, Bivio Network

10:30-11:00

High-Performance LI with Deep **Packet Inspection on Commodity** Hardware

Klaus Mochalski, CEO, Ipoque

13:00-14:00

Telecom Operators Round Table Discussion on Challenges of IP Interception

Panel to be announced

14:30-15:30

European Directive on Retained Data and an Update on ETSI/TC LI

Peter Van der Arend, Chairman, ETSI LI

Wednesday, 11 June 2008

What Investigators Have to Know about Telecom Operator Packet **Activity Reporting, Port** Information, CII, Timestamps, SIP. and IP Tapping

Klaus Mochalski, CEO, Ipoque

Investigations involving Peer to Peer File Sharing Networks, File Transfer Protocols, Gnutella, BiTorrent, eDonkey, Skype Issues and Deep Packet Investigation

Track 2

ISS for Criminal Investigation and Intelligence Gathering

This track is for Law Enforcement Agents, Intelligence and Anti Corruption Analysts who have investigation and intelligence analysis responsibilities associated with telecom operator networks, electronic surveillance technologies and information sharing.

Monday, 9 June 2008

10:45-11:15

Challenges for Future Intelligence Analytics

Tilmann Gabriel, Program Manager Intelligence Platform™, **Nokia Siemens Networks**

11-15-11-45

Internet Traffic Decoding - the **Hard Truth and Possible Solutions**

Alessandro Guida, Solutions Architect, ATIS Systems

13:15-13:45

Security in Lawful Interception

Rudolf Winschuh, Business Development Manager LIMS, Utimaco Safeware AG

Information Processing and Reporting

Tilmann Gabriel, Program Manager Intelligence Platform™. Nokia Siemens Networks

Intelligence Gathering Guru Panel

Moderator: Dr. Jerry Lucas, President, **TeleStrategies**

Panel:

Tilman Gabriel, Program Manager, Nokia Siemens Networks

Alexander Hoessrich, Managing Director, ATIS Systems

Praveen Kankariya, CEO, Clear-Trail

Vineet Sachdev, Sr. Director, SS8 Networks Rudolf Winschuh, Business Development Manager LIMS, Utimaco Safeware AG

7 Highly effective methods to bypass and evade monitoring and interception systems.

Karanvir Singh, President, KommLabs

The "8th Layer" - Unifying **Communication Signal Sources** and Applications on One Platform

Alexander Hoessrich, Managing Director, ATIS System

Tuesday, 10 June 2008

8:30-9:00

Meeting LEA Challenges to **Analyze Rapidly Changing Internet Content**

Vineet Sachdev, Sr Director of Sales Support and Engineering, SS8 Networks

9.00-9.30

New Solutions for Massive Monitorina

Jean-Philippe Lelievre, Thales

10:00-10:30

Legal to Strategic, how to Aggregate Several Sensors in a **Global System**

Renaud Roques, Intelligence Products Manager, Amesys

10:30-11:00

Image Recognition Technique and its Application in Lawful Intercept

Ling Dongsheng, Product Director, ZTE Corporation

13:00-13:30

Monitoring of High Density Satellite Based Personal Communications Systems - The Challenges

Richard Grundy, Surveillance Systems Engineering Manger, L-3 TRL

13:30-14:00

The Main Challenges of Intercept and Monitoring in Satellite **Communication Networks**

Alexander Kovtonvuk. Delta SPE

Technologies Karanvir Singh, President, KommLabs Klaus Mochalski, CEO, Ipoque

14:30-15:30

Conducting Corruption Investigations jointly with Telecom Operators and Vendors

Panel Moderator:

Kwok Man-Wai, Tony, SBS, IDS Former Deputy Commissioner and Head of Operations, Independent Commission Against Corruption (ICAC), Hong Kong (1996-2002)

Panel:

Police Col. Seehanat Prayoonrat, Deputy Secretary-General, Anti-Money Laundering Office, Government of Thailand

Arvinder Sambei, Amicus Legal
Consultants, (Former Prosecutor, UK)
Martin Polaine, Amicus Legal Consultants,
(Former Prosecutor, UK)

Mr Süleyman Aydin, Assistant Professor,
Police Academy Directory, Ankara, Turkey

16:00-16:30

Voice and Speech Analysis for Massive Interceptions

Angelo Ferraris, Govt. Intelligence Solutions, **Loquendo**

16:30-17:00

Facing Real World in Communications and Security Monitoring with Integrated Interception & Analysis Approach

Paolo Alessandro Mari- Marketing and Communications, **IPS Intelligence and Public Security**

Wednesday, 11 June 2008

8:30-9:00

Unified Interception & Location Platform for Law Enforcement and Intelligence Agencies

Uri Savoray, **Septier Communication**

9:00-9:30

Do you Need to Retain the Complete haystack to find the needle?

What is DDPI and how it can help you find the needle

Sandeep Saxena, Vice President,

KommLabs

10:30-11:00

Challenges of Monitoring Corporate Leased Line Networks: TDM & Packetized Traffic

Praveen Kankariya, Chairman, ClearTrail
Technologies

11:00-11:30

VoIP lawful Intercept: Comparing Technical Alternatives

Rhys Arkins, Technical Director, Asia Pacific, **AcmePacket**

Track 3

ISS for Data Retention and Regulatory Compliance

This track is for Telecom Operators and Law Enforcement, Intelligence and Defense Analysts who are responsible for Call Data Retention and Data Handoff.

Monday, 9 June 2008

10:45-11:15

Investigative Analysis and Intelligence Gathering Solutions

Vincent Barry, Vice President Sales and Marketing, **ThorpeGlen**

11:15-11:45

Utimaco Data Retention Suite

René Nitzinger, Product Manger LIMS, **Utimaco Safeware AG**

13:15-13:45

Next Generation Data Retention Systems: Bridging the Gap Between Data Retention and Data Analysis

Mario Menè, Chief Technology Officer, Intelligentias

13:45-14:15

Mass Monitoring and Data Retention Solutions: Why Traditional Databases Fail

Manohar Katoch, Director, Business Development, **ClearTrail Technologies**

14:45-15:15

The Challenges of Collecting Data for Sophisticated and Nomadic Targets in Next-Generation Networks

Joe Hogan, CTO, Openet

15:15-15:45

Data Retention for Intelligence Support Systems market

Andrea Fabrizi, General Manager, HP
DRAGON, Hewlett Packard Company

16:15-17:15

Data Retention Guru Panel

Moderator: Dr. Jerry Lucas, President, **TeleStrategies**

Panel:

Joegen Axland, General Manager for Business Development and Strategy,

Nokia Siemens Networks

Manohar Katoch, **Clear-Trail** Joe Hogan, CTO, **Openet**

René Nitzinger, Product Manger LIMS,

Utimaco Safeware AG

Vincent Barry, Vice President Sales and Marketing, **ThorpeGlen**

Mario Menè, Chief Technology Officer, Intelligentias

Andrea Fabrizi, General Manager, HP
DRAGON, Hewlett Packard Company

Tuesday, 10 June 2008

8:30-9:00

Overview of Identity Management Developments Relative to Law Enforcement Investigations and Intelligence Gathering

Tony Rutkowski, Vice President Regulatory, **VeriSign**

9:00-9:30

Identity Management

Sunil Singh, Vice President, KommLabs

10:00-11:00

Regulatory Challenges Roundtable Discussion

Panel of Telecom Regulators to be announced

Training Track 4

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, 10 June 2008

8:30-9:30 SESSION A

Investigation and Profiling in P2P Networks

Klaus Mochalski, CEO, Ipoque

SESSION B

Key Features and Customer Benefits of the Intelligence Module System

Manfred Bendisch, Product Manager Intelligence Platform™, **Nokia Siemens Networks**

10:00-11:00

SESSION A

FinFisher: Next Generation IT Surveillance

MJM, IT Intrusion Expert, Gamma Group

SESSION B

Klarios® Monitoring Centres -Creating Investigative Value Using Integrated Search and Analysis Functions

Alessandro Guida, Solutions Architect, ATIS
System

13:00-14:00

SESSION A

Incorporating High-Accuracy Location Information into Mobile Surveillance Strategies

Jeffrey F. Bull, Sr. Director of Product Marketing, Safety and Security, TruePosition

SESSION B

Two Analysis Scenarios

Manfred Bendisch, Product Manager Intelligence Platform™, **Nokia Siemens** Networks

14:30-15:30 SESSION A

Introduction to Wireless Location Signatures (Polaris WLS) technology.

Bhavin Shah, Director of Marketing and Business Development, Polaris Wireless

SESSION B

Genesi -Centralized investigative **Analysis System Support**

Paolo Alessandro Mari, IPS Intelligence & **Public Security**

16:00-17:00

SESSION A

Mobile Surveillance, Location **Technology and Satellite Monitoring - Demonstration**

Vincent Barry, Vice President Sales and Marketing, ThorpeGlen

SESSION B

KommLabs Training Session to be announced

16:00-17:00 SESSION C

HP Data Retention and Guardian Online (HP DRAGON) -**Communications Data Retention** Solution

Andrea Fabrizi, General Manager, HP DRAGON, Hewlett Packard Company

Wednesday, 11 June, 2008

8:30-9:30

SESSION A

Forensics on Emerging Applications.

Ryan Washington, Crucial Security

SESSION B

Tactical System to monitor Wi-Fi and Wired network

Manohar Katoch, Director, Business Development, ClearTrail Technologies

10:30-11:00

SESSION A

Stumping the Police—"Anti-Forensics" found in the Wild

Ryan Washington, Crucial Security

SESSION B

Klarios® IDA - Retained Data Analysis as an Enhancement to the Klarios® Monitoring Centre, Powered by InfoZoom®

Nagui Erian, Business Development Manager, ATIS System

Training Track 5

Deployment and Integration of Advanced Forensic Audio Signal Speech Processing, **Biometric Speaker** Identification and Video **Enhancement Sessions** (LEA and Government Only)

Host: DWR Network & Associates - Invited Experts in Field of Video Image Enhancement, Speaker Identification, Noise Signal Processing.

Monday, 9 June 2008

10:45-11:45

SESSION 1

Building a State-Of-Art Forensic Audio Video Forensic Laboratory. Laboratory integration with large scale Biometric Speaker **Identification Technologies** available today.

Covering key areas of analysis of speech and video, this session would serve to provide a detailed insight as to how to build firstly, an advanced AV forensic processing laboratory capability and secondly, how to integrate this with both the telecommunication/ internet monitoring center. Choosing component combinations of compatible technology and their integration with post processed monitoring center speaker output currently deployed on a national scale by key Agencies globally.

David Robinson, Consultant, Audio/Video Forensic Laboratory Design & Training

13:15-14:15

SESSION 2

Currently deployed field proven Biometric Speaker Identification and Verification Technology. Integration of each component designed to build an advanced intelligence gathering infrastructure.

This presentation will cover all aspects of small, medium and large scale infrastructure deployment of the very latest Biometric Speaker Identification and Verification technology with particular emphasis on the integration requirements as well as automation and ease of use for Operators. The subject presented will span from National level Automatic Speaker Identification Systems, based on the current AFIS equivalent Gaussian LR model, to monitoring center integration of Biometric Speaker Spotting systems that are designed to reduce agency workload and increase the speed and accuracy of the intelligence gathering process. Also covered will be the use of highly accurate Forensic Laboratory Speaker Verification technology.

Dr. Emilio Martinez (PhD Physics) CEO, Agnitio SL

14:45-15:45

SESSION 3

Preparation and Submission of Biometric Speaker Recognition Evidence within a Court Environment. How to Develop the Case Based Around Scientific Gaussian LR Based Biometric Techniques.

In this session details on the current stateof-the-art approach to the area of speaker identification and verification will be presented: a combination of classical acoustic-phonetic and automatic methods. Special emphasis will be laid on the novel automatic tools that help speed up the identification process, particularly in cases involving large numbers of speech material and/or languages that are unknown to the investigators. Fast and accurate identification of Speakers is vital to both the Criminal Investigation environment as well as to the field of intelligence gathering where terrorist threats and other matters of national security have to be dealt with. For both environments this task requires tools and systems that are both language and text independent — and also highly accurate and based on scientific principles. Examples from cases in Germany and Norway will show how the new technology is accepted in court.

Prof. Dr. Hermann J. Künzel (PhD Phonetics Head of Department of Phonetics, University of Marburg, Germany)

16:15-17:15

SESSION 4

Advances in the extraction of enhanced Still Images from Video Source Materials.

Practical approaches and application of technology to the intelligent analysis of Video.

Practical session focused on the real world of producing enhanced imagery from source Video materials. Areas covered include dealing with the issues related to File Importing, De-multiplexing and how to manage proprietary CCTV issues as well as globally pervasive consumer cell phone recording devices. Introduction of the latest technologies and approaches to the subject with particular emphasis on the choice of process parameter settings. Critical analytical considerations to be taken into account when approaching the enhancement requirement and the tools and understanding required to achieve the best possible results.

Dr. Jeff Hunter (Bsc. Physics / PhD in Optics & Semiconductor Physics) Director R & D Salient Stills Inc.

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