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

OCTOBER 11-13, 2011 WASHINGTON DC •



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SS Vor de Americas

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

OCTOBER 11-13, 2011 • WASHINGTON DC

ISS World Americas is the world's largest gathering of North American and Caribbean Law Enforcement, Intelligence, 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.

ISS World Americas Program:

Conference Track 1

ISS for Telecom Operator Lawful Interception

Conference Track 2

ISS for Criminal Investigation

Conference Track 3

ISS for Data Retention and Regulatory Compliance

Conference Track 4

DPI for Lawful Interception and Cyber Security

Conference Track 5

Semantic Technology for Intelligence Gathering and Analysis

Conference Track 6

OSINT, Metadata and Visual Analytics for Intelligence Gathering and Analysis

Conference Track 7

LEA and Intelligence Analyst Training and Product Demonstration

Pre-Conference Training Seminars

Tuesday, 11 October 2011 8:30-4:30

Online Social Media and Internet Investigations (Six One Hour Sessions)

Charles Cohen, Cohen Training and Consulting, LLC

- Charles Cohen also holds the position of Commander, Special Investigations and Criminal Intelligence, **Indiana State Police, USA**
- 1. What Investigators & Analysts Need to Know about Online Social Media.
- 2. OSINT and Criminal Investigations
- Successful Use of Online Social Media in Criminal Investigations
- 4. Counterintelligence & Liabilities Involving Online Social Media
- 5. What Investigators Need to Know about Hiding on the Internet
- Cyberspace Money Laundering: Tools, Tricks & Techniques

8:30-12:00 Understanding Telecommunications and ISS 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. This pre-conference seminar also provides an overview of the types of ISS products discussed in conference sessions and displayed on the exhibit floor. Seminar sessions include:

- 1. Understanding Wireline Telecom Infrastructure, Interception and Related ISS Products
- 2. Understanding Mobile Wireless Infrastructure, Interception and Related ISS Products
- 3. Understanding the Internet, Lawful Interception and Related ISS Products

1:00-4:30

Basics of Internet Intercept for Law Enforcement and Intelligence Analysts (Three One Hour Sessions)

Matthew Lucas (Ph.D, Computer Science), Vice President, TeleStrategies

- 1. Understanding TCP/IP for Packet Traffic Analysis
- 2. Understanding DPI for LEAs, Intelligence Analysts and Telecom Operators
- 3. Understanding Web 2.0, IM, P2P and Social Networking Messaging (Facebook, Twitter, etc.)

1:00-4:30 Visual Analytics For Detecting Criminal Patterns

This presentation addresses the use of various visualization and representation techniques for understanding a variety of domains ranging from financial crimes and money laundering to narcotics-trafficking and counter-terrorism. Much of the content presented is based on Mr. Westphal's recent book, "Data Mining for Intelligence, Fraud & Criminal Detection: Advanced Analytics & Information Sharing Technologies" (CRC Press, December 2008).

Chris Westphal, CEO, Visual Analytics

8:30-4:30

Implementation of a Tactical Communications Analytical Unit in Your Agency (Six One Hour Sessions)

Robert Lottero, President, 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.

- 1. Acquisition of communications records.
- 2. Preparing and formatting communications records for computer analysis.
- 3. Understanding basic and advanced analytical concepts.
- 4. Understanding the functionality you'll need in database & analytical software.
- 5. Presentation of findings.
- 6. Building the Tactical Communications Analytic Unit (TCAU)

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8:30-4:30

Cell Phone Intelligence Training

Presented By Breck McDaniel, President, Geocell, LLC. Breck also holds the position of Sergeant Houston Police Department.

This one day course will be an introduction on the use of cell phone data in criminal investigations. This course is especially suited for patrol officers, police management, prosecutors, and any law enforcement personnel wishing to gain a better understanding of all the extremely valuable cell phone data that is available and how to use the data effectively.

- What data is available from cell phone companies, including communications/call detail records (CDRs), text messages, multimedia messages, voicemails, and even internet data
- Introduction to the geographic use of cell phone data from historical records and real-time surveillances
- 3. What real-time surveillance options are available to law enforcement such as traps and traces, pen registers, communications intercepts ("wiretaps"), and more.
- 4. Introduction to key cell phone forensics
- 5. Key considerations for working with cell phone companies and more.

Cell Phone Intelligence Training Session only open to law enforcement, intelligence analysts and other government employees.

8:30-10:45

Introduction to Physical Recovery for Digital Forensic and Intelligence Labs

Alvaro Alexander Soto, Director of Digital Forensics & Security Laboratory

11:00-12:00

Advanced Digital Forensic Process and Tools for Law Enforcement and Intelligence Analysts

Alvaro Alexander Soto, Director of **Digital** Forensics & Security Laboratory

1:00-2:00 The Basics of Weaponized Information

Stephen Arnold, Managing Partner, ArnoldIT.com

Intelligence professionals have had a number of methods for injecting information into the media. These include social media, private newsfeeds, and the use of coordinated messages by contractors or other individuals. This session examines two case examples of using weaponized information to position an entity in public Web search results, within real time information streams, and in "conversations" in social media services. The upside, downside, and broad methodology of injection are reviewed in this one hour session. The formal remarks will be followed by a question and answer session.

2:15-3:15 Cell Phone Calls and Cell Tower Records for Investigators

Call Detail Records are the non-voice records generated by the use of a mobile phone. These records contain a wealth of potential evidence for analysts who know how to read and analyze them. In our session, we'll introduce attendees to CDR's, giving them practical skills they can use while working with these records.

Brent Bailey, Cellular Data Resources

Certificate of Pre-Conference Seminar Training Available Upon Request

Keynote Sessions

Wednesday, 12 October 2011 8:15-8:30

Welcoming Remarks Tatiana Lucas, ISS World Program Director,

TeleStrategies

8:30-9:00

Top Ten Internet Challenges Facing Law Enforcement and the Intelligence Community

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

9:00-9:30 Online OSINT: Observation &

Infiltration

Charles Cohen, Cohen Training and Consulting, LCC

Charles also holds the position of Commander, Special Investigation and Criminal Intelligence, **Indiana State Police**

9:30-10:00

What Intelligence Analysts Need to Know About Search Engine Results Manipulation

Stephen Arnold, Managing Partner, ArnoldIT.com

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.

Wednesday, 12 October 2011 11:00-12:00 LI for New IP Services "Best

Practices" Guru Panel

Rudolf Winschuh, Business Development Manager **Utimaco LIMS**

Bert Hubert, Lawful Interception Specialist, Fox-IT

Chris MacFarlane, President, **ETI Connect** Aubrey Merchant-Dest, Senior Systems

Engineer, **Qosmos** Dr. Elan Amir, President and CEO, **Bivio Networks**

Jeff Zindel - Vice President, Marketing and Product Management, **Glimmerglass Networks**

Dan Ocek, CEO, NetQuest

1:30-2:00 SESSION A

Interception at 100Gbps and Beyond

Aubrey Merchant-Dest, Senior Systems Engineer, **Qosmos**

1:30-2:00 SESSION B

Mobile Location Tracking That Is Based On an Integration of an In Network GMLC and Tactical Cellular Location Direction Finders

Elan Sharon, Septier

2:00-2:30 SESSION A

Focus Data Services session to be announced

2:00-2:30 SESSION B Manage the Flood

Jeff Zindel, Vice President, Marketing and Product Management, **Glimmerglass Networks**

3:00-3:30 SESSIONA Automatic Discovery and Interception of International Leased Line Services

Jesse Price, VP Sales and Marketing, **NetQuest Corporation**

3:00-3:30 SESSION B LI in Clouds – Challenges & **Possible Opportunities for Providers & LEAs**

Rudolf Winschuh, Business Development Manager Utimaco LIMS

3:30-4:00 SESSION A **Challenges of Webmail** Interception and Analysis

Kevin McTiernan, Director Product Line Management, SS8

3:30-4:00 SESSION B

From Gigabits to Terabits: Why You Want To Work Smarter and Not Harder

ETI Group, speaker to be announced

4:30-5:00 Why Terabits Is Not a Challenge ETI Group, speaker to be announced

Thursday, 13 October 2011 10:30-11:00 **Detecting New Threats and** Suspects in E-mails, SMS, Chat **Multilingual Conversations** Bastien Hillen, Scan & Target

11:00-11:30

Connecting the Dots: Turning Mobile Data Into Actionable Intelligence

Greg Kopchinski, Director of Product Management, Bivio Networks

1:00-1:30

Paradigm Shifts James A. Donnelly, Vice President of Sales, **Glimmerglass Networks**

1:30-2:00 **IPv6 Migration Strategies Must** Include Li – Forgetting This Can **Be Very Costly** ETI Group, speaker to be announced

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.

Wednesday, 12 October 2011 9:30-10:00 An Operational Overview of Monitoring Encrypted Data on **Computers and Mobile Phones** MJM, IT Intrusion Expert, Gamma Group

11:00-11:30 **Exploiting Computer and Mobile Vulnerabilities for Electronic** Surveillance

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

11:30-12:00 SESSION A

Empowering Cyber Intelligence Operations: A Stealth, Spyware-Like Software To Attack, Infect And Collect Evidence From **Computers And Smartphones** David Vincenzetti, Partner, Hacking Team

11:30-12:00 SESSION B **IP Based Investigations – Not**

Only for Forensics. Jenny Grinberg, Product Manager, Verint

Systems

1:30-2:00

Countermeasures to Identify Cybercriminals Hiding on the Internet Lance Cottrell, CTO, Ntrepid

2.00-2.30

Needles in the Haystack: Applying Lessons Learned in Digital Forensics to the Challenges in LI

Dirk Peeters, VP of International Business Development, Fox-IT

3:00-3:30 "Fibre Analyzer" A View at Fibre and Broadband Links VASTech Engineering

3.30-4.00

Access Switching – Identifying the Needle in the 10/40/100G Haystack Bob Shaw, CEO, Net Optics

4:30-5:00

A Comprehensive Solution For **Operational, Tactical and Strategic Communication Intelligence**

Steve Hodges – Vice President Sales & Business Development, North America, Agnitio

Thursday, 13 October 2011 8:30-9:00 How IPv6 Improves Investigators' Work

ETI Group, speaker to be announced

9:00-9:30

Speaker Identification for Forensic and Criminal Investigation, Helping the Law Enforcement **Agencies Mission**

Antonio Moreno – Technical Sales Director, Agnitio

10:30-11:00 The Distinct Roles and Values of an End-to-End IP Intercept Solution

Derek Granath, VP Product Line Management, SS8

11:00-11:30

The Use of Consumer Surveillance Technologies in Cell **Phone Surveillance** Tim Phipps, Cambridge Consultants

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

Wednesday, 12 October 2011 1:30-2:00 SMS, the Forgotten Source of Intelligence!

Dirk Schrader, Sales Director Utimaco LIMS

3:00-3:30

Context-Based Data Retention Using Multi-Source Collection & Correlation

Greg Kopchinski, Director of Product Management, Bivio Networks

3.30-4.00

The Next Generation In Handover Format Conversion and Interception Data Buffering Bob Brandt, Product Manager Replay, Fox-IT

4:30-5:00

Metadata Extraction and Retention for IP Applications Derek Granath, VP Product Line

Management, SS8

5:00-5:30

Overview: Data Retention in Europe – Current Status From Various Aspects Martin Stange, Utimaco LIMS

Thursday, 13 October 2011 10:30-11:30 **New Federal Law Enforcement** Mandates: The **Telecommunications Operator** Perspective

Moderator: Joel M. Margolis, Senior Regulatory Counsel, Subsentio Panelists: To Be Announced

Track 4

DPI 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, cyber security applications and other issues facing telecom operators who deploy DPI infrastructure

Wednesday, 12 October 2011 1:30-2:30 Best DPI Practices for Lawful Interception, Network Security

and Traffic Management

Mike Coward, CTO & co-founder, **Continuous Computing** Jerome Tollet, CTO, **Oosmos** Dr. Elan Amir, President and CEO, **Bivio** Networks

Daniel Proch, Director of Product Management, **Netronome**

3:00-3:30

DPI at 100G: System Architectures and Real World Deployments

Mike Coward, CTO & co-founder, Continuous Computing

3:30-4:00

Scaling DPI, LI and Network Security Solutions to 40Gbps and Beyond

Daniel Proch, Director of Product Management, **Netronome**

4:30-5:00

Dealing With an Ever Changing Sea of Application Protocols Jerome Tollet, CTO, Qosmos

Thursday, 13 October 2011 8:30-9:00

Effective Use of DPI-Enabled Technology for Security, Monitoring and Control

Joel Ebrahimi, Solutions Engineer, **Bivio Networks**

9:00-9:30

Social Network Analysis Techniques for Analyzing Intercepted IP Communications Corey Lanum, SE, SS8

10:30-11:00 Open Networking in Lawful Interception Robert Lin, Director of Sales, **Simena**

11:00-11:30 Scalable Extraction, Aggregation, and Response to Network Intelligence Hari Kosaraju, Mantaro Networks

1:00-1:30

Interception and Intelligence Gathering — Impact of Growing Bandwidth and New IP Applications

Kevin McTiernan, Director Product Line Management, **SS8**

Track 5

Semantic Technology 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 various data sources from data text to information on behavior patterns.

Wednesday, 12 October 2011 11:00-11:30 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

11:30-12:00

Anatomy of a Social Network: Finding Hidden Connections and True Influencers in Target Data Mat Mathews, Director, Ntrepid

1:30-2:00

Deep Semantic vs. Keyword and Shallow Linguistic: A New Approach for Supporting Exploitation

Rita Joseph, Vice President, Federal, **Expert** System

Track 6

OSINT, Metadata and Visual Analytics for Intelligence Gathering

This track is for intelligence analysts who must gather on-line intelligence by deploying Visual Analytics, Speech Recognition, Web Intelligence, Data Mining and OSINT programs.

Wednesday, 12 October 2011 11:00-11:30 Lessons Learned From the Top 3 U.S. Government OSINT

Programs Andrew Lasko, PMP, Technical Alliance Manager, Kapow Software

11:30-12:00

Empowering Cyber Intelligence Operations: A Stealth, Spyware-Like Software to Attack, Infect and Collect Evidence from Computers and Smartphones

David Vincenzetti, Partner, Hacking Team

1:30-2:00 SESSION A

Lawful Interception in Virtual Environments

Ran Nahmias, Director of Cloud Solutions, **Net Optics**

1:30-2:00 SESSION B

Deep Semantic vs. Keyword and Shallow Linguistic: A New Approach for Supporting Exploitation

Rita Joseph, Vice President, Federal, Expert System

2:00-2:30

Mass IP Metadata Analysis – Challenges and Solutions Cemal Dikmen, CTO, SS8

3:00-3:30 Gathering Open Source

Intelligence Anonymously Lance Cottrell, CTO, Ntrepid

3:30-4:00

The Key to OSINT – Finding And Harvesting "Topic Specific" Content From The Deep Web William Bushee, BrightPlanet Corporation

Thursday, 13 October 2011 10:30-11:00 Boosting Monitoring Centers with IP Metadata Jerome Tollet, CTO, **Qosmos**

11:00-11:30 Human Movement Analysis: Visual Analysis Of Movement Patterns Based On Communication Records Curtis Garton, Product Manager, Oculus Info

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.

Wednesday, 12 October 2011 9:00-10:00 SESSIONA "Satellite Signal Analyzer" Discover de Sky. Product Presentation: Satellite Signal Analyzer Generation

Fabrizio Diantina, Regional Manager for Americas, **VASTech** Roland Jones, Sales Manager, **VASTech**

9:00-10:00 SESSION B

High Performance Computing and Storage solutions, for Laboratories and Field Operations of Law Enforcement and Intelligence

Alvaro Alexander Soto, Director of **Digital Forensics & Security Laboratory**

11:00-12:00 SESSION A

BS3, The Key Speaker Spotting Tool Helping Intelligence Analytics Agnitio Speaker to be Announced

11:00-12:00 SESSION B Efficient Analysis and Case Management Tools – The Prerequisites For Successful Li, Product Demonstration ETI Group

1:30-2:30 SESSION A

Government IT Intrusion: Applied Hacking Techniques Used by Government Agencies MJM, IT Intrusion Expert, Gamma Group

1:30-2:30 **SESSION B** Tools for Handling IP Based Investigations

Jenny Grinberg, Product Manager, Verint Systems

3:00-4:00

Remote Control System 7: The Ultimate Cyber-Intelligence Solution For Covertly Monitoring Computers And Smartphones

Marco Valleri, Senior Security Engineer, and Alberto Ornaghi, Senior Security Engineer, Hacking Team

4:30-5:30 SESSIONA VUPEN Vulnerability Research and Sophisticated Exploits for Offensive Security

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

4:30-5:30 SESSION B

Multi-Source Data Correlation for Intelligent Retention & Action

Joel Ebrahimi, Solutions Engineer, **Bivio Networks**

Thursday, 13 October 2011 8:30-9:30 SESSIONA Offensive IT Intelligence and Information Gathering Portfolio— An Operational Overview

MJM, IT Intrusion Expert, Gamma Group

8:30-9:30 SESSION B FoxReplay Analyst 3.0 "Blanford" Product Demonstration.

Bob Brandt, Product Manager Replay, Fox-IT

8:30-9:30 SESSIONC Extracting Intelligence & Evidence from Accurate Location Technologies

Yochai Corem, Director of Product Marketing, Verint Systems

10:30-11:30 SESSION A

Remote Control System 7: An In-Depth, Live Demonstration Of Infection Vectors And Attack Techniques For Targeting Computers And Smartphones!

Marco Valleri, Senior Security Engineer, and Alberto Ornaghi, Senior Security Engineer, **Hacking Team**

10:30-11:30 SESSION B ION Secure Virtual Desktop: Conducting Safe and Nonattributable Online Research and Investigations

Lance Cottrell, CTO, Ntrepid

10:30-11:30 SESSION C Manage the Flood

Joon Choi, Director of Product Management, Glimmerglass Networks

1:00 2:00

Off-Air Cellular and Satellite

Interception – Hybrid Solution Amir Barel, VP, Verint Systems

2:15- 3:15

Intelligence Driven Transformation Management

Matan Ēfrima, Intelligence Methodology Expert, **Verint Systems**

Registration Information Save \$300 by registering before 3 September, 2011

Telecommunications Service Provider or Government Registration*		
ISS World Conference Tracks,		
Pre-Conference Seminars and Exhibits	s\$995	
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Registration after 3 September 2011	\$2,295

*Note: To Attend the LEA/DHS/IC/DoD Training Track 7 you must be a sworn law enforcement officer or military/intelligence/government employee. Also you must register by October 1, 2011 in order to verify eligibility. Government photo ID required for Track 7 classroom access. **Free Colleague Registration:** Register as paid and you can invite a colleague to join you at ISS World Americas 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

The conference and exhibits will be held at the JW Marriott North Bethesda Hotel, Bethesda, MD in suburban Washington, DC. The DC Metro has a stop adjacent to the hotel. Phone: 1-301-822-9200

International Attendees: If you need Visa assistance to attend ISS World, please contact Tatiana Lucas at 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.

Registration

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SS8





ISS World Exhibits

12 October 2011 10:00 a.m. to 6:00 p.m. 13 October 2011 9:30 a.m. to 12:30 p.m.

Lead and Associate Lead Sponsors

ETI Group is an international group of innovative companies with worldwide leadership within development and production of advanced analysis monitoring solutions for all types of data and telecommunication networks. Besides research and development sites in the UK and Denmark, ETI Group has global support and service groups in the US, the UK, Denmark, Spain, the U.A.E., Singapore and France

HackingTeam provides the premier integrated Cyber Intelligence solution: Remote Control System (RCS). Proven by years of worldwide adoption and designed to fulfill LEAs and Security Agencies higher expectations, RCS gives you total control over Desktops and Smartphones. Offering the widest selection of infection vectors and showing total invisibility to endpoint protection systems, RCS guarantees easy installation on target devices. An integrated, easy to use Console allows you to manage and control all your operations, all from the same place. Find out more at www.hackingteam.it

Gamma Group presents its unique IT Intrusion portfolio - FINFISHER - at the ISS World Americas 2011. The FinFisher IT Intrusion products contain the most comprehensive online research and infection functionality found in any other solution. The FinFisher portfolio combined with superior training at Gamma's IT Intrusion Training Institute differentiates Gamma International as the leading company in the field of Cyber Surveillance and Counter Surveillance. For more information contact: info@gammagroup.com

Kapow Software, headquartered in Palo Alto, CA, is the fastest-growing OSINT software firm in the world. Kapow Software is used by U.S. Intelligence Community analysts and developers to collect internet content in both a targeted and broad crawl manner. The Kapow Katalyst solution is unique in that it works on every website, in every language, every time.

Ntrepid Corporation provides national security and law enforcement customers with software, hardware, and managed services for cyber operations, analytics, language technologies, and tracking systems. www.ntrepidcorp.com

Oosmos develops Network Intelligence technology (an evolution of Deep Packet Inspection), which provides real-time visibility into data as it crosses networks. The company's software development kit and hardware probes are used by Government Agencies, Law Enforcement Agencies (LEAs) and System Integrators to enhance their lawful intercept and cyber security solutions.

Spectronic Systems is an independent and 100% privately owned company working exclusively with governments and government approved agencies. The Spectronic Systems activities include development and manufacturing of monitoring systems and monitoring centres handling telephony, internet/IP, fax and modem traffic for intelligence and law enforcement agencies. These solutions can act as data retention systems and/or as an intelligence platform for bulk monitoring of SMS, MMS, e-mails or other means of data communication

Headquartered in the heart of the Silicon Valley in California, SS8 is a leading worldwide provider of innovative regulatory compliant, electronic intercept and high capacity end-to-end cyber security solutions. SS8's solutions allow law enforcement and intelligence agencies to conduct lawful interception and monitoring of both circuit and packet-mode communications in accordance with local laws and standards. Since 1994, SS8 has delivered hundreds of Lawful Intercept deployments to the world's largest and most innovative carriers, national governments and law enforcement agencies.

Verint[®] Communications Intelligence and Investigative Solutions[™] help organizations efficiently collect, correlate, analyze and investigate information from virtually any communication network and data-source to neutralize criminal and terrorist threats in time to make a real impact. Built on Verint expertise accumulated over the past 20 years deploying hundreds of projects in over a thousand sites and 70 countries, these solutions are reliable, scalable, and cost effective engineered to address communication technologies today and those that emerge tomorrow.

VUPEN Security (www.vupen.com) is a leading IT security company providing exclusive vulnerability research for defensive and offensive computer security operations. VUPEN provides private and highly sophisticated exploits specifically designed for the Intelligence community, LEAs, and national security organizations to help them achieve their offensive missions using tailored and unique codes created in-house by our researchers. VUPEN also delivers highly technical vulnerability research reports to help governments and CERTs to protect critical infrastructures and assets against cyber attacks. VUPEN's customers include worldwide governments and intelligence agencies in NATO, ANZUS and ASEAN countries (for offensive security), and prominent corporations (for defensive security).

