

TeleStrategies®

ISSWorld Europe

Intelligence Support Systems for Electronic Surveillance,
Social Media/DarkNet Monitoring and Cyber Crime Investigations

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7-9 DECEMBER 2021 • CLARION CONGRESS HOTEL • PRAGUE, CZ



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151 LEA/Interior/DoD Training Sessions and Courses to Choose From

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ISS World Europe is the world's largest gathering of Regional Law Enforcement, Intelligence and Homeland Security Analysts, Telecoms as well as Financial Crime Investigators responsible for Cyber Crime Investigation, Electronic Surveillance and Intelligence Gathering.

ISS World Programs present the methodologies and tools for Law Enforcement, Public Safety, Government and Private Sector Intelligence Communities in the fight against drug trafficking, cyber money laundering, human trafficking, terrorism and other criminal activities conducted over today's telecommunications network, the Internet and Social Media.

Track 1

Lawful Interception and Criminal Investigation Training

Track 2

LEA, Defense and Intelligence Analyst Product Demonstrations

Track 3

Social Network Monitoring, Artificial Intelligence and Analytics Product Training

Track 4

Threat Intelligence Gathering and Cyber Security Product Training

Track 5

Investigating DarkWeb, Bitcoin, Altcoin and Blockchain Transaction

Track 6

Mobile Signal Intercept Training and Product Demonstrations

Track 7

Electronic Surveillance Training and Product Demonstrations

Track 8

5G Lawful Interception Product Training

Track 9

Financial Crime Investigation and Prevention Training

Plus Special Training Seminars lead by Law Enforcement Officers and Ph.D. Scientists

ISS World Europe Exhibits Schedule

Wednesday, 8 December 2021
10:00 - 18:15

Thursday, 9 December 2021
10:00 - 14:00

ISS WORLD EUROPE 2021 PROGRAM AGENDA

Training Seminars Led by Law Enforcement Officers and Ph.D., Computer Scientists
30 classroom training hours, presented by Law Enforcement Officers and Ph.D. Scientists

- **Charles Cohen**, Cohen Training and Consulting, LLC, also holds the position of Captain, Office of Intelligence & Investigative Technologies, **Indiana State Police, USA** (6 classroom hours)
- **Mark Bentley**, Communications Data Expert, National Cyber Crime Law Enforcement, **UK Police** (7 classroom hours)
- **Michael Loughnane**, CAMS, CFE, **Loughnane Associates, LLC** and retired 27-year US Federal Law Enforcement Officer (5 classroom hours)
- **Jerry Lucas** (Ph.D., Physics), President, **TeleStrategies** (4 classroom hours)
- **Matthew Lucas** (Ph.D., Computer Science), VP, **TeleStrategies** (3 classroom hours)
- **Vladimir Vesely** (Ph.D., Computer Science) Researcher, **Brno University of Technology** (2 classroom hours)
- **Andrew Lewman**, VP, **DarkOWL** and Former Executive Director, The TOR Project (3 classroom hours)

Tuesday, 7 December 2021

SEMINAR #1

08:30-15:05

Online Social Media and Internet Investigations

- Presented by: **Charles Cohen**, **Cohen Training and Consulting, LLC** also holds the position of Captain, Office of Intelligence & Investigative Technologies, **Indiana State Police, USA**

08:30-09:20

The role of Online Social Media OSINT in Predicting and Interdicting Spree Killings: Case Studies and Analysis

09:25-10:15

OSINT and Criminal Investigations

10:35-11:25

Metadata Exploitation in Criminal Investigations

11:30-12:20

EXIF Tags and Geolocation of Devices for Investigations and Operational Security

13:20-14:10

Case Studies in Metadata Vulnerability Exploitation and Facial Recognition

14:15-15:05

What Investigators Need to Know about Emerging Technologies Used to Hide on the Internet

SEMINAR #2

08:30-15:05

Practitioners Guide to Internet Investigations

- Presented by: **Mark Bentley**, Communications Data Expert, National Cyber Crime Law Enforcement, **UK Police**

The aim of this 1-day seminar is to take the attendees from the basics of understanding the Internet, how to find data, through to a full understanding of best practice of an Internet investigator, building their OSINT toolbox, and having awareness and knowledge of all the tools available to achieve this. It is aimed primarily at the investigator, delivered from the perspective of detective, to empower them to have the best methodology and tradecraft to profile and catch suspects. This is exclusively Law Enforcement only, as Practical examples, covert and investigative methodology and tradecraft will be given throughout the seminar.

08:30-09:20

The Internet, and how suspects leave a Digital Footprint. How the system works for us, as investigators

09:25-10:15

Recognizing Traffic Data and digital profiling via social networks and devices - digital shadows

10:35-11:25

WiFi, geolocation, and Mobile Data traces and tracking

11:30-12:20

Awareness of Emerging Technologies, Masking Tech and Tools, TOR and proxies

13:20-14:10

Advanced Techniques in Tracing Suspects, and lateral problem solving

14:15-15:05

Open Source Tools, resources and techniques - A walk through my free law enforcement open source tools site

SEMINAR #3

08:30-09:20

Understanding Mobile 2G/3G/4G Infrastructure and Law Intercept for Technical Investigators

- Presented by: **Dr. Jerry Lucas**, President, **TeleStrategies**

SEMINAR #4

09:25-10:15

Understanding 5G New Radio and Encryption Infrastructure for Technical Investigators

- Presented by: **Dr. Jerry Lucas**, President, **TeleStrategies**

SEMINAR #5

10:35-11:25

Understanding 5G Network Core (NFV, SDN, EDGE Computing and Network Slicing) for Law Enforcement Investigators

- Presented by: **Matthew Lucas** (Ph.D, Computer Science), VP, **TeleStrategies**

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SEMINAR #6

11:30-12:20

Understanding Cryptography used in Third Party Encryption Services, Bitcoin, Blockchain, TOR, DarkNets, 2G/3G/4G/5G and WiFi for Technical Investigators

- Presented by: **Dr. Jerry Lucas**, President, **TeleStrategies**

SEMINAR #7

13:20-14:10

Cybercurrency 101: What Technical Investigators Need to Know about Bitcoin and Altcoin Transactions, Dark Web Commerce and Blockchain Analysis

- Presented by: **Matthew Lucas** (Ph.D., Computer Science), VP, **TeleStrategies**

SEMINAR #8

14:15-15:05

Investigation Techniques for Unmasking TOR Hidden Services and Other Dark Web Operations

- Presented by: **Matthew Lucas** (Ph.D., Computer Science), VP, **TeleStrategies**

SEMINAR #9

16:30-17:15

SSL/TLS Interception Workshop

- Presented by: **Vladimir Vesely** (Ph.D., Computer Science) and **Jan Pluskal**, Researchers, **Brno University of Technology**

Thursday, 9 December 2021

SEMINAR #10

08:30-11:45

Special Half Day DarkNet Seminar

- by **Andrew Lewman**, Vice President, **DarkOWL** and Former Executive Director, The TOR Project

08:30-09:15

Indexing the dark net - how do you catalog and search something that is not meant to be easily scrubbed? What's possible?

09:15-10:00

Case studies / examples in dark net investigations - de-anonymizing examples / approaches / best practices / lessons learned.

11:00-11:45

Future directions - what's next in dark net infrastructure, dark markets and investigation implications

This one-hour session will explore the protection of weak points and future proofing banks against cyber-attacks.

SEMINAR #11

08:30-14:00

Concerns and Considerations in Financial Crime Investigations

- Presented by: **Michael Loughnane**, CAMS, CFE, **Loughnane Associates, LLC** Mike is a former US Federal Law Enforcement Officer who specialized in complex fraud and cybercrime investigations and currently provides training to improve detection and investigations of fraud, money laundering and counter terror finance

08:30-09:15

Criminal Essentials: The Needs of a Criminal Network

09:15-10:00

Financial Crime Schemes in Money Laundering

11:00-11:45

The Essentials of Trade Based Money Laundering

12:45-13:30

How Does Money Actually Move

13:30-14:00

Follow the Money Beyond the Bank

SEMINAR #12

12:45-14:00

Understanding "Defeating Encryption" with Quantum Computing for Non-Engineers

- Presented by: **Jerry Lucas**, (Ph.D, Physics) President, **TeleStrategies**

SEMINAR #13

12:45-14:00

Top 20 Open Source Tools (OSINT) Used in Cybercrime Investigations

- Presented by: **Mark Bentley**, Communications Data Expert, National Cyber Crime Law Enforcement, **UK Police**

Wednesday, 8 December 2021

WELCOMING REMARKS

8:15-8:30

- Tatiana Lucas**, ISS World Program Director, **TeleStrategies**

8:30-9:00

Top Ten Internet Challenges Facing Law Enforcement and the Government Intelligence Community and Who at ISS World Europe has Solutions

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

Track 1

Lawful Interception and Criminal Investigation Training

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

Tuesday, 7 December 2021

14:15-15:05 **SESSION C**

The CY4GATE integrated Cyber-Intelligence solution

- Presented by **CY4GATE**

15:25-16:15

The challenges 5G brings to cellular Security & Surveillance

- Nick Johnson**, CTO & Head of PLM, **IP Access**

16:30-17:20

SSL/TLS Interception Workshop

- Vladimir Vesely** (Ph.D., Computer Science) Researcher, **Brno University of Technology**

Wednesday, 8 December 2021

09:00-10:00 **SESSION A**

Lawful Interception and Communication Data, Current & Future Challenges: Mobile, Cyber Security, Virtualization and AI - An industry view

- Alex Leadbeater**, **3GPP SA3-LI** and **ETSI TC Cyber** Chairman and Head of Global Obligations Future and Standards, **BT Security**

09:00-09:30 **SESSION B**

Acquiring targets and new leads in a digital sphere: Breaking Down Jaish e Mohamed's digital trace

- Presented by **Digital Clues**

09:00-09:30 **SESSION C**

Things to Consider When Choosing a Modern Lawful Interception Monitoring Center

- Presented by **Cognyte**

09:30-10:00 **SESSION C**

Optical Network Access, Visibility and Recording for 100Gbps and Beyond

- Presented by **Lumacron**

13:00-13:45

Lawful interception in 5G Mobile Networks

- Presented by **Utimaco TS GmbH**

15:40-16:25

Mobile Edge Computing and LI

- Presented by **Utimaco TS GmbH**

Thursday, 9 December 2021

09:15-10:00

SDL Neural Machine Translation applications for Cyber Threat Intelligence

- Presented by **SDL**

12:45-13:30

Understanding "Defeating Encryption" with Quantum Computing for Non-Engineers

- Presented by: **Jerry Lucas**, (Ph.D, Physics) President, **TeleStrategies**

Track 2

LEA, Defense and Intelligence Analyst Product Demonstrations

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

Tuesday, 7 December 2021

08:30-09:20 **SESSION A**

The Wide Area Network vs. Moore's Law:

Generating IP Intelligence at 100G and beyond

- Gene Litt**, CTO, **NetQuest**

08:30-09:20 **SESSION B**

Efficient Cryptanalysis Infrastructure - Doing More with Less

- Presented by **SciEngines**

09:25-10:15 **SESSION A**

WHO was using WHAT application WHERE and WHEN?

- Presented by **VASTech**

09:25-10:15 **SESSION B**

TOVEK - creating missing knowledge from disparate information sources

- Presented by **Tovek**

11:30-12:20

Different Intelligence Sources combined under a single analytical platform – an innovative approach

- Presented by **Gamma Group**

13:20-14:10 **SESSION A**

Live Demo: Data Retention - powerful analysis on metadata

- Presented by **ATIS**

13:20-14:10 **SESSION B**

New experience gained from Voice Biometrics and Speech Analytics deployments

- Presented by **Phonexia**

14:15-15:00

Accelerating investigation workflows with specially designed IT-forensic laboratories

- Presented by **mh Service GmbH**

15:25-16:15 **SESSION A**

The Role and Importance of Covert Communication in Data Transmission

- Presented by **Vlatacom**

15:25-16:15 **SESSION B**

Alternative tools for efficient investigations in the age of encryption

- Presented by **Rohde Schwarz**

16:30-17:20 **SESSION A**

Immigration Control and Identification System

- **Hans-Georg Schilling, Intecs**

16:30-17:20 **SESSION B**

Sharp-end to the Lab: On-Device and Forensic Voice Biometrics and Media Fingerprinting

- **Dr. Anil Alexander, CEO, Oxford Wave Research**

Wednesday, 8 December 2021

09:00-10:00 **SESSION A**

Digital Toolbox: the investigator's best friend

- Presented by **AREA**

09:00-09:30 **SESSION C**

NEO. Targeted Mission-Based Investigation

- Presented by **FinFisher**

09:30-10:00 **SESSION B**

Collection in a privacy driven era: We mapped out the collection options

- Presented by **Cognyte**

09:30-10:00 **SESSION C**

WiFi Intelligence Gathering - A Key Piece of the Strategic Intelligence Puzzle

- Presented by **FinFisher**

13:00-13:45

Advanced Tactical Interception and Data Extraction Vectors

- Presented by **Merlinx**

13:50-14:35 **SESSION A**

Live Demo: Automating forensic Speaker Recognition for Cyber Crime units

- Presented by **ATIS**

13:50-14:35 **SESSION B**

Illuminating the Dark - Technologies for Unmasking Darknet Criminals

- Presented by **FinFisher**

15:40-16:25 **SESSION A**

LIMS, only black box! Or can it bring additional value to LEAs?

- Presented by **Sedam**

15:40-16:25 **SESSION B**

Making the analyst smarter with Intellexa's Insight

The art of extracting meaningful intelligence from a multitude of sources and vast amounts of data

- Presented by **Advanced Systems**

15:40-16:25 **SESSION C**

Live Demo. Real Investigation, from Telegram to the Darknet, and using active cyber security tools to Tango down the targets.

- **Antonio Ramos, COO, MOLLITAM CYBERINTELLIGENCE**

16:30-17:15 **SESSION A**

Encrypted or not - every IP-packet tells a story

- **Mark Uldahl, CTO, XCI A/S**

Thursday, 9 December 2021

08:30-09:15 **SESSION A**

Guess who is using THAT App in your Country. Metadata as IP Intelligence

- Presented by **AREA**

08:30-09:15 **SESSION B**

WHO was using WHAT application WHERE and WHEN?

- Presented by **VASTech**

09:15-10:00

New methods and enforcement tools designed specifically for regulatory agencies

- Presented by **Utimaco**

11:30-12:15

trovicor's best kept secret – The whole truth about the Intelligence Platform

- Presented by **Trovicor**

Track 3

Social Network Monitoring, Artificial Intelligence and Analytics Product Training

Sessions in this track are only open to Law Enforcement, Public Safety and Government Intelligence Community Attendees, unless marked otherwise.

Tuesday, 7 December 2021

08:30-09:20

Massive Social Media data collection and analysis for Counter-Terrorism Intelligence Activities

- Presented by **IPS**

09:25-10:15

WhatsApp, Telegram, Facebook...how IPS helps you to locate most wanted targets with LI

- Presented by **IPS**

10:35-11:25

Everyone leaves a trace: How the digital sphere has become the ideal place for target acquisition

- Presented by **Digital Clues**

11:30-12:20

Using AI-based Risk Scoring for Multi-source Target Acquisition and Prioritization

- Presented by **Simulation Software & Technology, S2T**

13:20-14:10 **SESSION A**

Combating Threats with Advanced AI-Driven Technologies – Leveraging open source data to anticipate and prevent future attacks

- Presented by **Voyager Labs**

13:20-14:10 **SESSION B**

SCOPE Product – Bringing Data to Life

- Presented by **Innosystec**

14:15-14:40 **SESSION A**

Combating Threats with Advanced AI-Driven Technologies – Leveraging open source data to anticipate and prevent future attacks

- Presented by **Voyager Labs**

14:15-14:40 **SESSION B**

Automatic Exploitation of Social Network, Deep and Dark Web to complement traditional Lawful Interception Infrastructure for Target Profiling.

- Presented by **IPS**

14:40-15:05

Machine Learning in a Command and Control Centre for covert field operations and situation awareness

- Presented by **IPS**

15:25-16:15 **SESSION A**

How social media platforms are limiting the API approach and advanced DB queries

- Presented by **Cognyte**

15:25-16:15 **SESSION B**

Multimedia Monitoring and Forensics Laboratory

- Presented by **Everis**

16:30-17:20 **SESSION A**

The hype of AI usage in intelligence is facing multiple challenges

- Presented by **Cognyte**

16:30-17:20 **SESSION B**

SCOPE Product – Prevent and Predict

- Presented by **Innosystec**

Wednesday, 8 December 2021

09:00-10:00

Tactical Web Intelligence (WEBINT) & Social Engineering: Gathering Actionable Intelligence via a powerful WEBINT platform

- Presented by **Cobwebs Technologies**

13:00-13:45 **SESSION A**

Global Terror Butterfly Effect: Social Network and Real Time Threat Analysis of Lone Wolves Terrorism

- Presented by **Cobwebs**

13:00-13:45 **SESSION B**

Propaganda 4.0: is fake news really so new? A Journey through the various ways in which media is used

- Presented by **Gamma Group**

13:00-13:45 **SESSION C**

Using ML, device fingerprinting (not just IP addresses) and tactical fiber systems to detect threats and anomalies in mass IP data. A discussion with use cases on sophisticated rule based systems

- Presented by **Vehere**

13:50-14:35 **SESSION A**

Discover the Unknowns of the Digital Sphere

- Presented by **Ultra**

13:50-14:35 **SESSION B**

Tracing the Digital Fingerprints: How Digital Data is Transforming Policing

- **Yohai West, Senior Product Marketing Manager, Cellebrite**

15:40-16:25 **SESSION A**

Unlocking the full potential of speech technologies to transform OSINT and COMINT

- Presented by **Vocapia**

15:40-16:25 **SESSION B**

Data Enrichment Techniques and Sources for Internet Investigations

- Presented by **Packet Forensics**

15:40-16:25 **SESSION C**

trovicor's best kept secret – The whole truth about the Intelligence Platform

- Presented by **Trovicor**

15:40-16:25 **SESSION D**

Transforming Investigations & Risk Assessment with Artificial Intelligence

- Presented by **Voyager Labs**

16:30-17:15

Gens.AI, the Cyber Humint solution that can automate the management of virtual identities

- Presented by **CY4GATE**

Thursday, 9 December 2021

08:30-09:15

Transforming Investigations & Risk Assessment with Artificial Intelligence

- Presented by **Voyager Labs**

09:15-10:00

SCOPE Product – A Real Life Scenario (demo)

- Presented by **Innosystec**

11:00-11:45

Using ML, device fingerprinting (not just IP addresses) and tactical fiber systems to detect threats and anomalies in mass IP data. A discussion with use cases on sophisticated rule based systems.

- Presented by **Vehere**

12:45-14:00

Top 20 Open Source Tools (OSINT) Used in Cybercrime Investigations

- Mark Bentley, Communications Data Expert, National Cyber Crime Law Enforcement, **UK Police**

Track 4

Threat Intelligence Gathering and Cyber Security Product Training

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

Tuesday, 7 December 2021

10:35-11:25

The Matrix Concept – Combining forward-thinking intelligence tools and proven workflows to assemble a coherent intelligence picture (LIVE DEMO)

- Presented by **Rayzone Group**

14:15-15:05 **SESSION A**

Cyber Intelligence in Our Increasingly Privacy & Security Conscious Environment

- Presented by **Wintego**

14:15-15:05 **SESSION B**

Disrupt cyber threats by unmasking your adversaries

- Presented by **4iQ**

15:25-16:00 **SESSION A**

Cyber Intelligence in Our Increasingly Privacy & Security Conscious Environment

- Presented by **Wintego**

15:25-16:00 **SESSION B**

Live Demo. Real Investigation, from OSINT and exfiltration to active cyber security tools (Cyberwarfare)

- Antonio Ramos, COO, **MOLLITIAM CYBERINTELLIGENCE**

16:30-17:20

Live Demo. Real Cyberoperation, invisible control of Android smartphones, Windows/macOS systems and Cloud (hijacking)

- Antonio Ramos, COO, **MOLLITIAM CYBERINTELLIGENCE**

Wednesday, 8 December 2021

13:00-13:45

Hushmeeting: creating an iron-clad and quantum-safe communication environment

- Presented by **Feedback Italia**

15:40-16:25

Router based interception – redefining remote monitoring by infiltrating targeted LAN networks (LIVE DEMO)

- Presented by **Rayzone Group**

16:30-17:15

Improving Threat Analytics: Using DPI Sensors for High-Resolution Traffic Intelligence at Extreme Throughput even in the most Demanding Environments

- Sebastien Synold, Product Manager, Qosmos DPI Business Unit, **ENEA**

Thursday, 9 December 2021

08:30-09:15

Worldwide Virtual SIGINT – monitoring digital footprint in order to anticipate and prevent evolving threats (LIVE DEMO)

- Presented by **Rayzone Group**

15:40-16:25

Router based interception – redefining remote monitoring by infiltrating targeted LAN networks (LIVE DEMO)

- Presented by **Rayzone Group**

Track 5

Investigating DarkWeb, Bitcoin, Altcoin and Blockchain Transaction

This track is for law enforcement and private enterprise investigators who have to monitor and investigate the DarkNet along with Bitcoin transactions associated with criminal activities. Note: Some sessions are only open to LEA and Government. These sessions are marked accordingly.

Tuesday, 7 December 2021

11:30-12:20

Understanding Cryptography used in Third Party Ecryption Services, Bitcoin, Blockchain, TOR, DarkNets, 2G/3G/4G/5G and WiFi for Technical Investigators

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

13:20-14:10

Cybercurrency 101: What Technical Investigators Need to Know about Bitcoin and Altcoin Transactions, Dark Web Commerce and Blockchain Analysis

- Matthew Lucas (Ph.D, Computer Science), VP, **TeleStrategies**

15:25-16:15

Offline Darknet web-crawling with the Web-I-Qube

(THIS SESSION IS ONLY OPEN TO LEA AND GOVERNMENT ATTENDEES)

- Presented by **mh-Service GmbH**

Wednesday, 8 December 2021

13:00-13:45

Offline darknet investigation with the Web-I-Qube

- Presented by **mh Service GmbH**

13:50-14:35

Building a Secured Environment Through Threat Intelligence

- Presented by **MAGEN**

16:30-17:15

Profile, target and investigate the Darknet. Reinventing traditional HUMINT in the Digital Era

(THIS SESSION IS ONLY OPEN TO LEA AND GOVERNMENT ATTENDEES)

- Presented by **AREA**

Thursday, 9 December 2021

08:30-09:15

Indexing the dark net – how do you catalog and search something that is not meant to be easily scrubbed? What's possible?

- Andrew Lewman, Vice President, **DarkOWL** and Former Executive Director, The TOR Project

09:15-10:00

Case studies / examples in dark net investigations – de-anonymizing examples / approaches / best practices / lessons learned.

- Andrew Lewman, Vice President, **DarkOWL** and Former Executive Director, The TOR Project

11:00-11:45

Future directions - what's next in dark net infrastructure, dark markets and investigation implications

- Andrew Lewman, Vice President, **DarkOWL** and Former Executive Director, The TOR Project

12:45-13:30

Follow the Cryptocurrency trail to trace the next terrorist

- Presented by **Cognyte**

13:30-14:00

Hunting Down Cryptocurrency Users

- Vladimir Vesely (Ph.D., Computer Science) Researcher, **Brno University of Technology**

Track 6

Mobile Signal Intercept Product Training and Demonstrations

This track is for Law Enforcement, Interior Security and the Government Intelligence Community who must work with cellular and mobile satellite operators regarding mobile location, electronic surveillance and RF intercept. This track is only open to Law Enforcement, Public Safety and Government Intelligence Community Attendees.

Tuesday, 7 December 2021

8:30-9:20

Understanding Mobile 2G, 3G, 4G and 5G Infrastructure, Intercept and Cryptography

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

10:35-11:25

VSAT Networks: Tactical and Strategic Threat Detection and Geolocation

- Presented by **Kratos**

11:30-12:20

Border Security and Force Protection Analytics using Passive RF

- Presented by **Packet Forensics**

14:15-15:00

Real-time identification and geo-location in mobile networks: how to identify and get, in real-time, the accurate position of a handset in a mobile network

- Presented by **Evistel**

15:25-16:15

Accurate 3D Location for National Security

- Anjul Bahuguna, **Polaris Wireless**

16:20-17:20

Distributed IMSI Catching & Private networks

- Nick Johnson, CTO & Head of PLM, **IP Access**

Wednesday, 8 December 2021

09:00-10:00

Empowering field intelligence teams – how Intellexa combines native 3G/4G interception and long range WiFi interception to make field cyber operations more successful than ever

- Presented by **WiSpear**

13:50-14:35

Strategic intelligence to follow trends and reveal hidden targets

- Presented by **Advanced Systems**

16:30-17:15

Providence Training Academy

- Presented by **Providence**

Thursday, 9 December 2021

08:30-09:00

Overview of Mobile Radio Analysis

- Presented by **Rohde Schwarz**

09:15-10:00

SCPC/VSAT interception in CiC/CuC scenarios

- Presented by **Rohde Schwarz**

Track 7

Electronic Surveillance Training and Product Demonstrations

This track is for law enforcement investigators and the government intelligence community who are responsible for deploying video, audio and GPS surveillance products and only open to Law Enforcement, Public Safety and Government Intelligence Community Attendees.

Tuesday, 7 December 2021

13:20-14:10

A new intelligent approach for covert video recording and streaming

- Presented by **Pro4Tech**

13:20-14:10

A new paradigm for covert audio surveillance in large areas

- Presented by **Commesh**

15:25-16:15

Waveguard's border monitoring and control solutions

- Presented by **WaveGuard**

16:30-17:20

Simultaneous use of many Squarehead Audio recorders in complex and challenging acoustic environments.

- Stig Nyvold, CEO, **Squarehead Technology**

Wednesday, 8 December 2021

13:00-13:45

Delivering Urban Safety through Counter-Drone Defence

- Presented by **D-Fendsolutions**

13:50-14:35

Breaking the borders of tactical cyber-intelligence

- Presented by **Jenovice**

15:40-16:25

Mobile Location Intelligence: how to leverage active targeting, Big Data and tactical geolocation capabilities

- Presented by **Creativity Software**

16:30-17:20

Tactical Multi-Interfaces Communication

- Hans-Georg Schilling, **Intecs**

Track 8

5G Lawful Interception Product Training

This track is open to all conference attendees.

Tuesday, 7 December 2021

9:25-10:15

Understanding 5G New Radio and Encryption Infrastructure for Technical Investigators

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

10:35-11:25

Understanding 5G Network Core (NFV, SDN, EDGE Computing and Network Slicing) for Law Enforcement Investigators

- Matthew Lucas (Ph.D, Computer Science), VP, **TeleStrategies**

14:15-15:05

How new technologies, like 5G, change the lawful interception landscape

- Presented by **Group 2000**

15:25-16:15

The challenges 5G brings to cellular Security & Surveillance

- Nick Johnson, CTO & Head of PLM, **IP Access**

Wednesday, 8 December 2021

09:00-10:00 Session A

Lawful Interception and Communication Data, Current & Future Challenges: Mobile, Cyber Security, Virtualization and AI - An industry view

- Alex Leadbeater, **3GPP SA3-LI** and **ETSI TC Cyber** Chairman and Head of Global Obligations Future and Standards, **BT Security**

13:00-13:45

Lawful Interception in 5G Mobile Networks

- Presented by **Utimaco**

13:50-14:35

Challenges to consider when preparing for the 5G Lawful Interception Era

- Presented by **Cognyte**

15:40-16:15

Multi-Access Edge Computing (MEC) and LI

- Presented by **Utimaco**

16:30-17:15

ETSI/3GPP LI/RD Standards Update

- Alex Leadbeater, **3GPP SA3-LI** and **ETSI TC Cyber** Chairman and Head of Global Obligations Future and Standards, **BT Security**
- Gerald McQuaid, ETSI TC LI Chairman and Special Requirements Advisor, **Vodafone Group**
- Carmine Rizzo, ETSI TC LI Technical Officer and 3GPP SA3LI Secretary, **ETSI**

Track 9

Financial Crime Investigation and Prevention Training

This track is open to all conference attendees.

Thursday, 9 December 2021

08:30-09:15

Criminal Essentials: The Needs of a Criminal Network

- Michael Loughnane, CAMS, CFE, **Loughnane Associates, LLC**

09:15-10:00

Financial Crime Schemes in Money Laundering

- Michael Loughnane, CAMS, CFE, **Loughnane Associates, LLC**

11:00-11:45

The Essentials of Trade Based Money Laundering

- Michael Loughnane, CAMS, CFE, **Loughnane Associates, LLC**

12:45-13:30

How Does Money Actually Move?

- Michael Loughnane, CAMS, CFE, **Loughnane Associates, LLC**

13:30-14:00

Follow the Money Beyond the Banks

- Michael Loughnane, CAMS, CFE, **Loughnane Associates, LLC**

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Registration

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