

TeleStrategies®

ISSWorld Europe

Intelligence Support Systems for Electronic Surveillance,
Social Media/DarkNet Monitoring and Cyber Threat Detection

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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

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

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

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 - 13:00

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**, Vice President at NW3C, the National White Collar Crime Center, Professor in Practice Criminal Justice, Indiana University and Retired Captain, **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, Vice President at NW3C, the National White Collar Crime Center, Professor in Practice Criminal Justice, Indiana University and Retired Captain, **Indiana State Police**

08:30-09:20

Cellular Handset Geolocation: Investigative Opportunities and Personal Security Risks

09:25-10:15

Collecting Evidence from Online Social Media: Building a Cyber-OSINT Toolbox (Part 1)

10:35-11:25

Collecting Evidence from Online Social Media: Building a Cyber-OSINT Toolbox (Part 2)

11:30-12:20

Proxies, VPNs, and Dark Web: Identity Concealment and Location Obfuscation

13:20-14:10

Tor, onion routers, Deepnet, and Darknet: An Investigator's Perspective

14:15-15:05

Tor, onion routers, Deepnet, and Darknet: A Deep Dive for Criminal Investigators

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 & 5G NSA Infrastructure and Law Intercept for Technical Investigators

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

This session addresses the infrastructure evolution of 2G to 3G to 4G to 5G NSA and the impact on lawful interception.

SEMINAR #4

09:25-10:15

Understanding 5G Stand Alone NFV, Edge Computing and Network Slicing

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

SEMINAR #5

10:35-11:25

Understanding Advanced Techniques to Defeat (or Work Around) Encrypted Third Party Services, Bitcoin Anonymity, TOR/HS and iPhone Encryption

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

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SEMINAR #6

11:30-12:20

Locating and Tracking Devices by MAC Addresses and App-Based SDKs plus Privacy Measures by Apple & Google

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

Thursday, 9 December 2021

SEMINAR #7

13:00-14:00

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

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

SEMINAR #8

13:00-14:00

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

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 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 A**

Accelerating investigation workflows with specially designed IT-forensic laboratories

- Presented by **mh Service GmbH**

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

Memento Labs, the evolution of lawful 360° remote surveillance

- Presented by **Memento Labs**

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

The CY4GATE integrated Cyber-Intelligence solution

- Presented by **CY4GATE**

15:25-16:05

How Far States have to go to Secure the Net

- Joseph Dadon, VP Sales, **Allot**

16:10-17:00

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**
- Martin Kissel, ETSI TC LI Chairman and Coordinator Lawful Interception, **Telefónica Germany**
- Carmine Rizzo, ETSI TC LI Technical Officer and 3GPP SA3LI Secretary, **ETSI**

16:10-17:00

Enhancing Lawful Interception with the Five Elements of Cyber Law Enforcement

- Presented by **Toka**

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

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

- Presented by **Lumacron**

16:30-17:15

Digital Forensics Lab Evolved / Solving the challenge of modern data volumes

- Presented by **Exterro**

Thursday, 9 December 2021

8:30-9:15

Intercepting and Collecting Web Evidence in the Times of TLS1.3 and HTTP3.0

- Vladimir Vesely (Ph.D., Computer Science) and Jan Pluska, Researchers, **Brno University of Technology**

13:00-14:00

Overview of CC-DRIVER and RAYUELA Projects for Recognizing Human Factors and Drivers of Young Cybercriminality

- José L. Diego, Head of Project Management, **Valencia Local Police**
- Rubén Fernández, **Valencia Local Police**

13:00-14:00

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**

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

Carrier in Carrier Analysis: Determine the impact of Carrier in Carrier technology on your satellite monitoring capabilities

- Presented by **VASTech**

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

TOVEK - creating missing knowledge from disparate information sources

- Presented by **Tovek**

10:35-11:25 **SESSION A**

NEW METHODS AND TOOLS DESIGNED FOR LAW ENFORCEMENT AGENCIES FOR ADVANCED CRIMINAL INVESTIGATION

- Presented by **Utimaco**

10:35-11:25 **SESSION B**

Efficient Cryptanalysis Infrastructure - Doing More with Less

- Presented by **SciEngines**

11:30-12:20 **SESSION B**

Product Demonstration Session

- Presented by **BAE Systems AI**

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

Simplify investigation with one platform

- Presented by **ATIS**

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

New experience gained from Voice Biometrics and Speech Analytics deployments

- Presented by **Phonexia**

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

Don't let the new 5G SA Privacy Features stop you from catching IMSIs

- Sander de Jong, Group 2000

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

Cyber Intelligence in Our Increasingly Privacy & Security Conscious Environment

- Presented by **Wintego**

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**

How to transform network data into intelligence in spite of encrypted and obfuscated IP traffic

- Presented by **Rohde Schwarz**

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

Commercial SIGINT - unrestricted, global and large-scale accurate geo-monitoring and profiling of connected devices

- VP Sales and Marketing, **GeoGence**

16:30-17:20

Session Title TBA

- Presented by **ClearTrail Technologies**

Wednesday, 8 December 2021

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

Setting standards in Cyber Technology & Defense

- Presented by **NSO Group**

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

NEO. Targeted Mission-Based Investigation

- Presented by **FinFisher**

09:00-09:30 **SESSION D**

Things to Consider When Choosing a Modern Lawful Interception Monitoring Center

- Presented by **Cognyte (Formerly a Verint company)**

09:00-10:00 **SESSION E**

Industry Secrets of end-to-end data Collection and Analysis: How technology is changing everything and what you need to do, now!

- Presented by BAE Systems AI

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

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

- Presented by Cognyte (Formerly a Verint company)

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

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

- Presented by FinFisher

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

Advanced Tactical Interception and Data Extraction Vectors

- Presented by Ateros

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

Digital Toolbox: the investigator's best friend

- Presented by AREA

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

A Safe Landing based approach to Sensitive and Urban Scenario Counter-Drone Defense

- Presented by D-Fend

13:45-14:30 **SESSION A**

Automating forensic Speaker Recognition for Cyber Crime units

- Presented by ATIS

13:45-14:30 **SESSION B**

GeoGence - National level, non-intrusive and independent accurate geo-monitoring and profiling covering all device types and networks (3/4/5G and WIFI) globally.

- VP Sales and Marketing, GeoGence

15:00-15:45 **SESSION A**

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

- Presented by Sedam

15:00-15:45 **SESSION B**

2x100G flow aware packet processing

- Alex Omo Agerholm, Chief Product Architect, Napatech

15:00-15:45 **SESSION C**

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

- Presented by MOLLITIAM CYBERINTELLIGENCE

15:45-16:30 **SESSION A**

Encrypted or not - every IP-packet tells a story

- Mark Uldahl, CTO, XCI A/S

15:45-16:30 **SESSION B**

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

- Presented by AREA

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

Leveraging Location data for investigations: real-time tracking and CDR analysis

- Bruno Barrois, Deveryware

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

Illuminating the Dark - Technologies for Unmasking Darknet Criminals

- Presented by FinFisher

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**

Fibre Signal Analysis: What intelligence value does a fibre link contain?

- Presented by VASTech

09:15-10:00 **SESSION A**

Real Time Application Forensics: Finding suspects and evidence on an encrypted internet

- Presented by Sandvine

09:15-10:00 **SESSION B**

Practical and creative example of modifying Android OS by HEX editing system files, and having regular applications to achieve surveillance.

- Denis Cuculic, CEO ex. Head of Technical Department, PRO4SEC

11:00-11:45 **SESSION A**

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

- Presented by Trovicor

11:00-11:45 **SESSION B**

Following the black rabbit - Advanced targets monitoring

- Presented by Memento Labs

11:45-12:30 **SESSION A**

Data Enrichment Techniques and Sources for Internet Investigations

- Presented by Packet Forensics

11:45-12:30 **SESSION B**

Building a network visibility platform to dissect packets in 400G networks by using TAPs and Packet Brokers

- Presented by NEOX

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** **SESSION A**

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

How LEA's can effectively & quickly spot potential suspects using advanced analytics and ML algorithms

- Fouad Teban (Dir. Solution Architecture INTL and Badr Ouali (Head of Machine Learning) , VERTICA

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 - A Real Life Scenario (demo)

- 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 **SESSION B**

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 (Formerly a Verint company)

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

The hype of AI usage in intelligence is facing multiple challenges

- Presented by Cognyte (Formerly a Verint company)

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

SCOPE Product - Prevent and Predict

- Presented by Innosystec

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

Uncovering Intelligence on Messaging Apps

- Liran Sorani, Cyber Business Unit Manager, Webhose.io

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**

Location & Open Source Intelligence: Real Life Case Studies & Live Demonstration

- Presented by Cobwebs Technologies

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

13:45-14:30 **SESSION A**

Discover the Unknowns of the Digital Sphere

- Presented by Ultra

13:45-14:30 **SESSION B**

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

- Presented by CY4GATE

13:45-14:30 **SESSION C**

Follow the digital traces in social media-approaches and best practices to leverage the potential of cloud data in your investigations

- Muna Assi, Senior Product Marketing Manager, Celebrite

15:00-15:45 **SESSION A**

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

- Presented by Vocapia

15:00-15:45 **SESSION B**

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

- Presented by Trovicor

15:00-15:45 **SESSION C**

Transforming Investigations & Risk Assessment with Artificial Intelligence

- Presented by Voyager Labs

15:45-16:20

Session Title TBA

- Presented by ClearTrail Technologies

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

Real-Time Location Intelligence To achieve Situational Awareness

- Presented by Intergraph

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

VoIP Forensics: Revealing encrypted VoIP communication network of criminal organizations
• Presented by Sandvine

Thursday, 9 December 2021

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

Transforming Investigations & Risk Assessment with Artificial Intelligence
• Presented by Voyager Labs

08:30-9:15 **SESSION B**

ATIS PANDORA - fast visualization, analysis and fusion of large data sets from different sources
• Presented by ATIS

08:30-9:15 **SESSION C**

Can You Quickly Understand What I Said?
• Presented by RWS

09:15-10:00 **SESSION A**

SCOPE Product – Bringing Data to Life
• Presented by Innosystec

09:15-10:00 **SESSION B**

How to Protect the Status of Data Traffic Without Changing the Status Quo
• Joseph Dadon, VP Sales, Allot

09:15-10:00 **SESSION C**

Social Links for Social Media and Open Source intelligence and investigations
• Presented by Social Links

11:00-11:45 **SESSION A**

Mission critical OSINT screening with Facepoint, high-risk individual detection
• Presented by FacePoint

11:00-11:45 **SESSION B**

OSINT & SOCMINT tools and techniques to detect black swans and disinformation operations to influence the collective unconscious
• Presented by Futurespace

11:00-11:45 **SESSION C**

AI-based Language Technology Solutions to Handle Multi-language OSINT & COMINT
• Presented by SYSTRAN

11:45-12:30 **SESSION A**

Introducing Search-based Investigative Intelligence for SIGINT, OSINT, Cybersecurity, and Policing
• Presented by Siren

11:45-12:30 **SESSION B**

Using OSINT to unravel terrorist networks
• Presented by Blackdot Solutions

11:45-12:30 **SESSION C**

Extremist Communication Operations Online: how to keep up with rapid account and platform shifts
• Presented by Fivecast

13:00-14:00 **SESSION A**

Top 20 Open Source Tools (OSINT) Used in Cybercrime Investigations
• Mark Bentley, Communications Data Expert, National Cyber Crime Law Enforcement, UK Police

13:00-14:00 **SESSION C**

How to Protect your RF Environment Against Illegal Interception Systems
• Presented by Rayzone Group

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

Mapping an Effective Intelligence Picture for Maximum Results (LIVE DEMO)
• Presented by Rayzone Group

13:20-14:10

Disrupt cyber threats by unmasking your adversaries
• Presented by 4iQ

15:25-16:05

Live Demo. Real Cyberoperation, invisible control of Android smartphones, Windows/macOS systems and Clouds (hijacking).
• Presented by MOLLITIAM CYBERINTELLIGENCE

Wednesday, 8 December 2021

13:00-13:45

Hushmeeting: creating an iron-clad and quantum-safe communication environment
• Presented by Feedback Italia

13:45-14:30

Global Signalling Threat Analysis and Insights for Cyber Intelligence
• Presented by AdaptiveMobile Security

15:00-15:45

The Next Generation of Cybersecurity for Intelligence Agencies (LIVE DEMO)
• Presented by Rayzone Group

15:45-16:30 **SESSION A**

Encrypted & Evasive Traffic: New Visibility with Next-Generation DPI
• Sebastien Synold, Product Manager, Qosmos DPI Business Unit, ENEA

15:45-16:30 **SESSION B**

Exploitation & Operations Security (OpSec) in Cyber Intelligence Ops
• Presented by Secfense

Thursday, 9 December 2021

08:30-09:15

ADINT - Monitor Digital Footprints to Anticipate and Prevent Evolving Threats (LIVE DEMO)
• Presented by Rayzone Group

11:00-11:45

Infotecs data security solutions from cipher to cyber range
• Presented by Infotecs

13:00-14:00

How to Protect your RF Environment Against Illegal Interception Systems
• 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

Tuesday, 7 December 2021

13:20-14:10

Automated data collection and normalization from clearnet, darknet and deep web sources
• Presented by Kofax

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

Offline Darknet web-crawling with the Web-I-Qube
• Presented by mh-Service GmbH

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

Live Demonstration of DarkOwl Vision: Darknet Intelligence Discovery and Collection
• David Alley, CEO, DarkOWL FZE

16:30-17:20

How to quantify the child exploitation problem on the Dark Web
• Presented by Searchlight

Wednesday, 8 December 2021

13:00-13:45

Offline darknet investigation with the Web-I-Qube
• Presented by mh Service GmbH

15:45-16:30

Profile, target and investigate the Darknet. Reinventing traditional HUMINT in the Digital Era
• Presented by AREA

Thursday, 9 December 2021

9:15-10:00

Workshop on Correlating Blockchain Activity with Real-Life Events and Users
• Vladimir Vesely (Ph.D., Computer Science) and Jan Pluskal, Researchers, Brno University of Technology

11:00-11:45

Follow the Cryptocurrency trail to trace the next terrorist
• Presented by Cognyte (Formerly a Verint company)

11:45-12:30

Using real-world tools and techniques to investigate and disrupt Child Exploitation offender networks on the Dark Web
• Presented by SearchLight

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 **SESSION B**

Understanding Mobile 2G, 3G, 4G and 5G NSA 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 **SESSION A**

Latest techniques of detecting and neutralizing IMSI Catchers and Wi-Fi monitoring systems
• Presented by NeoSoft

11:30-12:20 **SESSION B**

SCPC/VSAT Interception in CiC/CuC Scenarios
• Presented by Rohde Schwarz

13:30-14:10

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

Hiding from SIGINT - mobile network approach
• Presented by MACRO-SYSTEM

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 **SESSION A**

Title TBA

- Presented by Intellexa

09:00-9:30 **SESSION B**

Protecting Mobile networks and Infrastructure from External Threat Actors

- Presented by AdaptiveMobile Security

13:45-14:30

Breaking the borders of tactical cyber-intelligence

- Presented by Jenovice

15:00-15:45

Next-generation IMSI Catcher with public number detection: overview of latest developments and trends

- Presented by NeoSoft

15:45-16:30

Providence Training Academy

- Presented by Providence

Thursday, 9 December 2021

09:15-10:00

5G Tactical solutions and interoperability

- Presented by EXFO

11:00-11:45

Mobile Radio Analysis Solutions with 5G for Government

- Presented by Rohde Schwarz

11:45-12:30

Seeing Beyond - Groundbreaking Intelligence Gathering Platform for the IoT Landscape

- Presented by Toka

13:00-14:00

Leveraging location data for investigations: real-time tracking and CDR analysis

- Bruno Barrois, Deveryware

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

8:30-9:20

Intelligent Connections - Gathering Intelligence from IoT Made Simple

- Presented by Interionet

9:25-10:15

Taking Control with Drone Takeover C-UAS technology for sensitive and urban environments

- Presented by D-Fend

11:30-12:20

A new paradigm for covert audio surveillance in large areas

- Presented by Commesh

Wednesday, 8 December 2021

13:00-13:45

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

- Stig Nyvold, CEO, Squarehead Technology

13:45-14:30

The importance of Satellite Communication Situational Awareness (SCSA) in the era of LEO Mega constellations

- Presented by Avantix

15:00-15:45

Waveguard's border monitoring and control solutions

- Presented by WaveGuard

15:45-16:20

Seeing Beyond - Groundbreaking Intelligence Gathering Platform for the IoT Landscape

- Presented by Toka

16:30-17:15

Border Security and Force Protection Analytics using Passive RF

- Presented by Packet Forensics

Thursday, 9 December 2021

13:00-14:00

Next generation airborne COMINT CESM for wide critical area surveillance

- Presented by Avantix

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 Stand Alone NFV, Edge Computing and Network Slicing

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

15:25-16:15

The challenges 5G brings to cellular Security & Surveillance

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

16:30-17:20

Changing Needs for LEAs with 5G, Location and Encryption

- Presented by SS8

Wednesday, 8 December 2021

13:00-13:45

LAWFUL INTERCEPTION IN 5G MOBILE NETWORKS

- Presented by Utimaco

13:45-14:30

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

- Presented by Cognyte (Formerly a Verint company)

15:00-15:45

LAWFUL INTERCEPTION OF ROAMING TARGETS (S8HR)

- Presented by Utimaco

15:45-16:30

Real World Interpretation of 5G LI Requirements and Implications for Carriers and LEAs with 5G

- Presented by SS8

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