



# iPROCEEDS

Targeting crime proceeds on the Internet  
in South-eastern Europe and Turkey

## Training on Open Source Intelligence (OSINT)

Provided under iPROCEEDS project with the use of ECTEG materials  
Bucharest, Romania | 21 – 25 October 2019

### Outline

#### Background and Justification

The impact of cybercrime on governments, business and individuals is unprecedented. Reportedly it costs the world almost \$600 billion or 0.8 percent of global GDP.<sup>1</sup> Fighting cybercrime and promoting security has, thus, become a priority. However, criminal justice authorities are facing numerous challenges trying to keep the pace with the evolution of techniques used by cybercriminals. There is a need to continuously acquire new skills and knowledge in order to be able to investigate these crimes.

In this regard, harvesting public records available online in order to compile complex profiles of certain targets is becoming extremely important for the law enforcement. Open Source Intelligence is an important tool for intelligence gathering and a major instrument for policing. Cybercriminals spend a lot of time online and have a large presence either in social media or on the internet in general. With the large amount of available open sources, fighting cybercrime depends, inclusively, on the software tools and techniques to collect and process the information in an effective manner.

#### Expected Outcome

Carried out under Result 3 of the iPROCEEDS project - Cybercrime Units, financial investigators, prosecutors and financial intelligence units cooperate with each other at the domestic level in the search, seizure and confiscation of online crime proceeds, the training course based on ECTEG (The European Cybercrime Training and Education Group) materials will provide participants with a good understanding of OSINT techniques and tools as well as the use of information available online to help in solving cybercrimes.

By undertaking the training on Open Source Intelligence participants will strengthen their skills and knowledge on how to effectively use the Internet, social media and other digital resources in support of intelligence-led policing in investigating cybercrime cases and cases involving electronic evidence. The objective of the training is to enrich and expand the store of law-enforcement data and thus help make the fight against cybercrime as effective as possible.

More specifically, the training will involve the following major themes:

- Search engines

<sup>1</sup> The Economic Impact of Cybercrime: No Slowing Down, Center for Strategic and International Studies (CSIS) and McAfee, 21 February 2018.

- Social Networks
- Mapping
- Photographs and videos, metadata
- E-mail addresses, usernames and phone numbers
- Domains/IP Addresses
- Software applications for capturing the data
- Virtual mobile environment

## Participants

The event will be attended by cybercrime investigators from Albania, Bosnia and Herzegovina, Montenegro, Serbia, North Macedonia, Turkey and Kosovo\*<sup>2</sup>, as well as representatives of the Romanian Police.

## Languages

The main language of the event will be English. No interpretation will be provided.

## Training Programme

### Monday, 21 October 2019

09h00	<i>Registration</i>
	<b>Opening remarks and introduction</b>
	<ul style="list-style-type: none"> <li>- Introduction of trainers and participants</li> </ul>
09h30	<ul style="list-style-type: none"> <li>- Presentation of the course</li> <li>- Logistics</li> </ul>
	<i>Council of Europe and trainers</i>
	<b>Session 1 – Questions on legal framework</b>
10h00	<ul style="list-style-type: none"> <li>- How do you deal with Internet research/analysis in your country, what is the legal basis?</li> </ul>
	<i>Short interventions by country representatives</i>
11h00	<i>Coffee break</i>
	<b>Session 2 – Intelligence cycle</b>
11h20	<ul style="list-style-type: none"> <li>- Assessment, collection, processing, analysis and dissemination</li> </ul>
	<b>Session 3 – Fundamentals of Internet and tracks on the Internet</b>
12h20	<ul style="list-style-type: none"> <li>- Fundamentals: reminder</li> <li>- Tracks on the Internet</li> </ul>
13h00	<i>Lunch</i>
	<b>Session 3 – Fundamentals of Internet and tracks on the Internet (cont.)</b>
14h00	<ul style="list-style-type: none"> <li>- Fundamentals: reminder</li> <li>- Tracks on the Internet</li> </ul>
15h00	<i>Coffee break</i>
	<b>Session 4 – Overview on social network</b>
15h20	<ul style="list-style-type: none"> <li>- Categories</li> <li>- Comments from delegates</li> </ul>
17h00	<b>End of day 1</b>
18h00	<i>Dinner</i>

<sup>2</sup> \*This designation is without prejudice to positions on status, and is in line with UNSC 1244 and the ICJ Opinion on the Kosovo Declaration of Independence.

**Tuesday, 22 October 2019**

9h30	<b>Session 5 – Collection and research strategy (google dork)</b>
11h00	<i>Coffee break</i>
11h20	<b>Session 6 – Protecting the work environment (anonymization, virtual machines)</b>
13h00	<i>Lunch</i>
14h00	<b>Session 6 – Protecting the work environment (cont.)</b>
15h30	<i>Coffee break</i>
15h50	<b>Session 7 – Creation of profiles (KeypassX - recommendations)</b> <ul style="list-style-type: none"> <li>- Good practices</li> <li>- Deconfliction</li> <li>- Creation of accounts by users</li> </ul>
17h00	<b>End of day 2</b>
18h00	<i>Dinner</i>

**Wednesday, 23 October 2019**

9h30	<b>Session 8 – Research engines</b>
10h45	<i>Coffee break</i>
11h05	<b>Session 9 - SOCMINT</b> <ul style="list-style-type: none"> <li>- General presentation</li> <li>- Investigation on Facebook</li> </ul>
13h00	<i>Lunch</i>
14h00	<b>Session 10 – Virtual mobile environment</b>
15h30	<i>Coffee break</i>
15h50	<b>Session 10 – Virtual mobile environnement (cont.)</b>
16h20	<b>Session 11 – Investigation on images/pictures</b> <ul style="list-style-type: none"> <li>- Metadata, reversed research on image</li> </ul>
17h00	<b>End of day 3</b>
18h00	<i>Dinner</i>

**Thursday, 24 October 2019**

9h30	<b>Session 12 – Investigation on Twitter and Instagram and geo-localisation</b>
11h00	<i>Coffee break</i>
11h20	<b>Session 13 – Request for information to social networks</b>
13h00	<i>Lunch break</i>
14h00	<b>Session 14 – Methodology on writing reports</b>
15h30	<i>Coffee break</i>
15h50	<b>Session 14 – Methodology on writing reports (cont.)</b>
17h00	End of day 4
18h00	<i>Dinner</i>

**Friday, 25 October 2019**

9h30	<b>Session 15 – Final exercise</b>
11h40	<i>Coffee break</i>
12h30	<b>Session 15 – Presentations by delegation, feedback, final evaluation</b>
13h30	<b>Certificates handing</b>
14h00	<i>Lunch</i>