Workshop
Introduction people smuggling &
scenario „Amandus“

- a few words to Hamburg and my office
- the Capone-Principle
- Introduction people smuggling
- Scenario Amandus

BUNDESPOLIZEI
Federal Police District Office for Criminal Investigation - Hamburg

Main Tasks
- Criminal investigations in cases of organized Crime
  - Smuggling of human being
  - Abuse of Asylum
  - False Document
- Crime against the property of railway installations
combating organized crime
the Al Capone-Principle

„I have only the money in my pockets“
Alphonse „Al“ Capone
(1899 – 1947)

public enemy No 1 or just a tax evader?

„Follow the money!“
Giovanni Falcone
(1939 – 1992)
Combating organized crime
the Al Capone-Principle

- Capone started his criminal career in Chicago in 1919
- In the 1920es he was the big mastermind of illegal bootlegging, racketeering and gambling business
- Capone also gave order for murder
  also for bribery and corruption of police and justice
- Capone was never convicted

„you already got this Capone?“
Herbert Hoover
(US-President 1929 – 1933)

- Capone duped the newly elected President
- Head of the Treasury's Special Intelligence Unit received the order to bring Capone behind bars
- He tasked his best investigator with the job
combating organized crime
the Al Capone-Principle

Frank J. Wilson
(1887 – 1970)
Special Agent of the Treasury

„Wilson will sit quietly looking at books eighteen hours a day, seven days a week, forever, if he wants to find something in those books“

„Wilson sweats ice water“

- Supreme Court:
  „Fifth Amendment's privilege against self incrimination did not protect a bootlegger convicted of failing to file a return showing profits of illegal business“ (US v. Sullivan, 1927)

- In June 1931, Capone was charged with 22 counts of income tax related violations
- The jury found Capone guilty and he was sentenced to 11 years in prison
introduction
human beings as commercial goods

„Dover-Case“:
18 June 2000

58 chinese people smothered agonizing during the hidden transport in an airtight container on a ferry from Calais/France to Dover/Great Britain

migrant smuggling
ghost ships - a new dimension of crime?

Winter 2014/2015: people smugglers left about 1,700 migrants to their fate on three ships without helmsman and crew in the Mediterranean
migrant smuggling
a deadly business

- 71 Migrants died on the nearly airtight loading area of a small truck, (27 August 2015)
- 5 Migrants per square meter

debate in the media about people smuggler altruistic escape agent or greedy felon?
Phanomenological aspects

- organized cross-border crime
- control-related offences
- high number of unreported cases
- threat to the social order not always noticeably
- high criminal profits
- smuggled migrants commit a criminal offence under national aliens law
- but from a criminological view they are victims

Phanomenological aspects

- same ethnic background of the suspects
- mafia-style hierarchy not strictly necessary
- working in border-crossing criminal networks
- business relations like in legal economic cycles
- supply and demand determine the price
- acting like a travel or transport company
modus operandi
using social media

- advertisement for people smuggling on facebook

modus operandi
foreign prostitutes for the red-light district
phenomenological aspects
people smuggling and Trafficking in human beings (THB)

- people smuggling and THB are not the same
- legal differences
- THB-suspect exploit other persons for economic purposes
- people smugglers demand an excessive price to facilitate illegal entry to a foreign country
- but in practice, in most cases they are similar
- payment of the people smuggler after arrival in the destination country by working as prostitute, assistant cook, low-paid worker

modus operandi
fake adoptions

- migrant without a valid residence permit recognises the legal paternity for a child from a german mother, although he has no social or biological relationship to this child
- but due to the protection of the fundamental rights of marriage and family, the authorities are obligated to issue a residence permit
modus operandi
fake marriages

- based on marriage with a EU-citizen a foreigner acquires an independent right of residence
- cohabitation not required by family law
- marriage abroad can be accepted by german authorities
- specialized wedding agencies for migrants

modus operandi
identity fraud

- daughter of a suspect reports that her national passport got lost
- application for a provisional passport with a photo from a similar woman from Syra (look a like method)
- woman from syria enters Germany by airplane and shows the provisional passport at the border check point
- daughter of a suspect gives the passport back to the local authorities and get a new one
people smuggling as a door opener to serious crime

illegal weapons
people smuggling as a door opener to serious crime
piracy

investigations against a people smuggling student from Syria gives evidence that he showed off his martially activities for the so called Islamic State

terrorism
criminological aspects

- Migrant smuggling is organised crime (OK)
- Detection of people smuggler prevents associated crime in Germany
- Current life endangering transport of migrants must be stopped, even though there is a deterioration of evidence
- Infiltration of criminal networks with informants
- Border-crossing surveillance
- International police cooperation
- Joint Investigation Team (JIT)
- Asset recovery investigations

Airport Hamburg
Operation "Agency"

Marriage of convenience / fake marriage / sham marriage

- no real partnership
- Typically one spouse is not EU citizen
- aimed to obtain the right of permanent residence
- even as "protection" against deportation
- valid marriage

Fake marriage?
Heiraten leicht und billig!

350 €

Heiraten für Asylbewerber und Personen mit Duldung

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Operation „Agency“
criminal investigations

- telephone surveillance
- observation
- eavesdropping operation

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Operation „Agency“
cross-border crime

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Operation „Agency“
modus operandi

- "match-maker"
  - acts as a broker for EU-citizens willing to marry for cash
  - takes care for registration in Germany
  - procures fraudulent employment contract for the EU-citizen
**Operation „Agency“**

Joint Investigation Team

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**Modus operandi**

Organisation of fake marriages

- Version 1: Denmark
- Version 2: USA (Single-Proxy)
- Version 3: Mexico (Double-Proxy)

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**EV „Agentur“**

- First meeting on 15 June 2017 at joint police centre Padborg/CK
- Meeting EUROJUST on 21 August 2017 in Den Haag
- Meeting to prepare JIT-Contract on 24 November 2017 in Hamburg
- JIT-contract was signed in January 2018
- Art. 13 European Mutual Assistance Convention
- Facilitation of legal assistance
- Participation EUROPOL & EUROJUST
- Joint Operation Day on 13 June 2018
Operation „Agency“

**Version 1 - Denmark**

- Low formal requirements for marriage of foreigners
- Submission documents in copy is sufficient
  - Application form
  - National ID-Card
  - Permit of Stay

Operation „Agency“

Proportion of marriages by the agency on Kløftaolving

Operation „Agency“

**Version 1 - Denmark**

- Handover false documents
- Bribery of registrars and civil servants
- Arrival of the couple at the day before

Operation „Agency“

- 1,600 fake marriages
- Earnings of round about 1,040,000€
- Declared tax income: 250,000€
Operation „Agency“
criminal charge
- migrant smuggling
- forgery of documents
- bribery & corruption
- incitement and assistance to bigamy
- tax evasion

Operation „Agency“
Modus Operandi
Version 3 – Mexico (Double Proxy)
- none of the spouses takes place on site
- Written order for representation signed in Germany
- postal delivery to unknown suspect in Los Cabos
- marriage certification by a Mexican registry office

Operation „Agency“
Modus Operandi
Version 2 – USA (Single-Proxy)
- suspect travels with the spouses from EU-member states to the USA
- No entry permit for the spouses from third countries
- But spouse from non-EU-state can be represented by a commissioned individual
- notarial certification
- issuance of marriage certificate by local authorities

Operation „Agency“
criminal profits
| Marriage Denmark | 5,000 € |
| Single-Proxy USA  | ~10,000 € |
| Double-Proxy Mexico | ~5,000 € |
Operation 'Agency'

Joint Action Day on 13 June 2018

- Enforcement of 13 search warrants
- Houses of the suspects in Germany and Denmark
- Business premises of the agency

Operation 'Agency'

- Folkraft changed family law
- Central registration if one spouse is a foreigner
- Examination of the documents in cooperation with the police
- Subsequently distribution of marriages to various registry offices

Operation 'Agency'

in the media

Sie verkaufen Bräute für 1000 Einhorn

EV 'Agentur'
Questions?
Legal Tasks of Police in Germany

Criminal Procedure Investigations
- Initial suspicion of criminal conduct
- Public Prosecutor directs and controls the investigation
- Encroachments on fundamental rights controlled by a proceeding judge
- Last decision of direct force by the police

Risk Prevention and Emergency Response
- Original task of the police
- Threat to public policy or safety
- Run-up period of criminal offences

Intelligence strategic analysis
- Situation report
- Without personal data
- Use of resources
- Policy consulting

Clandesine entries
Life endangering smuggling of Migrants

Joint Analysis and Strategy Centre on Illegal Migration

Partners
Joint Analysis and Strategy Centre on Illegal Migration

Tasks

- Collection and analysis of all available information
- Early warning function
- Policy advice
- Cooperation with similar partner institutions within the EU
- Development of recommendations

operational analysis

Facebook Account

OSINT

- Einschleusung von IR-Staatsangehörigen
- Visa-Erschleichung
- Asylmissbrauch
- Angebot über Facebook
Financial investigation in connection with trafficking in human beings and migrant smuggling – International cooperation Assets recovery

All of you here are experienced professionals in your area, in your institutions, with many years of experience, and I am sure you are familiar with the subject topic: financial investigations, for which reason, I have conceptualized my presentation, looking at this issue only from the police side from the point of view, without going into prosecution and court proceedings, so that this presentation is focused on measures and actions to be taken by authorized police officers.

In this way, I want to introduce to the representatives of other institutions and get closer to them the modalities of police work, among other concrete examples from the practice, and I remind the present colleagues the importance of carrying out financial investigations.
Organized crime pose a serious threat to national security and the economic situation of Montenegro. In Montenegro, today, according to the Sustainable Dangerous and Organized Crime Situation (SCDIA), there are 11 active organized criminal groups. The fight against criminal activities of these groups includes, among other things, the conduct of financial investigations and confiscation of material gain, and all these activities are a priority at the national level and one of the most important requirements of the process of meeting the criteria for EU accession.

When it comes to organized crime, in theory it is emphasized that “the crime is the fastest transforming form” and therefore presents a special challenge to all modern societies and institutions in the fight against it.

Highly conducted financial investigations that result in the permanent seizure of the proceeds of criminal activity today in the world are one of the most effective means in the fight against organized crime, and in that direction, the work of all competent state bodies must be oriented in that direction.
1. Sector of police of general jurisdiction
2. Criminal Police Department
4. Border Police Sector
5. Personnel Security and Objects Department
6. Special police department
7. Sector for Prevention of Money Laundering and Financing of Terrorism
8. Department for International Police Cooperation and Public Relations
9. Department for Analytics and Improvement of Police Work
10. Forensic Center
11. Internal Audit Department
12. Department of Telecommunication and Electronic Technologies
13. Center for Information Security and Data Processing
14. Human resources, human resources and legal affairs
15. Service for Financial, General and Auxiliary Affairs
16. Security centers (BU, PG, NR, BR, BD, MN, PV, BP and BA) and Security units (10, CT, DG, RI, UL, KO, TV.

1. Special police unit
   - Investigation Group of Criminal Offenses of Organised Crime
   - Group for Investigating Crimes of High Corruption and Money Laundering
2. Department for the Suppression of Serious Crimes
   - Group for the Suppression of Serious Crimes of Economic Crime and Conducting Financial Investigations
   - Group for the Suppression of Serious Crimes of General Crime - Blood Delinquency and PEH carried out by criminal groups
   - Group for Suppression of Criminal Offenses of High-Tech Crime
3. Department for Combating Drugs Smuggling
4. Witness Protection Section
5. Special Operations Support Section
AS WELL AS MEMORANDA AND COOPERATION AGREEMENTS

- Memorandum on cooperation in the prevention, detection and prosecution of perpetrators of criminal offenses in the field of organized crime and corruption, signed by the representatives of the Supreme State Prosecutor's Office, the Police Directorate, the Tax Administration, the Administration for the Prevention of Money Laundering and the Customs Administration.

- Memorandum on cooperation and exchange of data in the field of money laundering and terrorism financing signed by representatives of the Ministry of Internal Affairs, the Ministry of Finance, the Administration for the Prevention of Money Laundering and Terrorist Financing, the Central Bank of Montenegro, the Securities Commission of Montenegro and the Supervision Agency Insurance.

- Agreement on the establishment of the Joint Investigation Team for Combating Organized Crime and the most severe forms of corruptive offenses signed by representatives of the Supreme State Prosecutor's Office, the Police Directorate, the Customs Administration, the Administration for the Prevention of Money Laundering and Terrorist Financing and the Tax Administration.

LAW ON THE SEPARATION OF PROCEEDS FROM CRIME CRIMINAL ACTIVITY
(Official Gazette of Montenegro No: 58/15 of 06.10.2015)

IN ART. 2 PRESCRIBES FOR WHICH CRIMINAL OFFENSES A FINANCIAL INVESTIGATION CAN BE CARRIED OUT:

- THE OFFENDER MAY BE DEPRIVED OF THE MATERIAL GAIN FOR WHICH THERE IS A REASONABLE SUSPICION THAT HE HAS BEEN ACQUITTED OF CRIMINAL ACTIVITY
- AND THAT THE AUTHOR DOES NOT MAKE IT PROBABLE THAT HIS ORIGIN IS LAWFUL (EXTENDED EXPROPRIATION) AND
- IF THE CRIMINAL OFFENSE PRESCRIBED BY THE CRIMINAL CODE OF MONTENEGRO (FOR A TOTAL OF 10 CRIMINAL OFFENSES) HAS BEEN IMPOUNDED IN A LEGALLY BINDING MANNER.
5) Unauthorized manufacture, possession and marketing of narcotic drugs referred to in Article 300.

6) Criminal offenses against the environment and landscaping referred to in Art. 305:
- Environmental pollution.
- Unlawful construction, putting into operation and operation of facilities and installations that pollute the environment.
- Environmental damage.

7) Criminal offenses against the security of computer data referred to in Art. 350:
- Introducing the computer system.
- Unauthorized access to the computer system, and
- Abuse of device and program.

8) Criminal offenses against public order and peace referred to in Art. 401:
- Criminal association.
- Creation of a criminal organization.
- Production and procurement of weapons and funds intended for the commission of a criminal offense.
- Participation in a group that commits a criminal offense.
- Unauthorized crossing of the state border and smuggling of people.

9) Criminal offenses against legal traffic referred to in Art. 412:
- Falsification of the document.
- Special cases of forgery of documents.
- Forgery of official documents.
During the reconnaissance, evidence is collected and reviewed. Indicating the perpetrators and the accomplices. In the early phase of the investigation, also when the conduct of the survey, it often comes to the knowledge that the perpetrators of the criminal offenses have acquired material gains. And in that case, it is also necessary to conduct a parallel criminal investigation into all criminal offenses for which Article 2 of the Law on confiscation of property can be used through criminal activity, envisaged in conducting financial investigations.

Collecting information on the acquired property gain by committing criminal offenses, police officers shall be undertaken in accordance with the authorizations detailed in Art. 478.1 of the Code of Criminal Procedure, Article 14 of the Law on the Confiscation of Proceeds from Crime, and Articles 257 para. 1 and 2 of the Criminal Procedure Code, which can be undertaken on a voluntary basis.

Bearing in mind the fact that the purpose of the financial investigation is to enable the seizure of proceeds. It should start early enough to prevent the perpetrator of the offense from selling or otherwise disposing of the property.

It is suggested that police officers - processors of cases, during direct contacts with the competent state prosecutor, who manages the survey, inform him in consultation about the available information about the acquired property gain by committing the criminal offense in question.

Less, in each case, during the reconnaissance, there is a thorough knowledge and data, and the collected information and documentation can later serve for the purpose of conducting financial investigations.

Also, execution of orders for the implementation of secret surveillance measures during the survey provide the possibility, among other things, to reveal the material gain acquired through criminal activity.

Therefore, coordinating and conducting timely consultations, both with the competent prosecutor and with the police officers of the organizations with responsibility for carrying out financial investigations, is necessary when dealing with cases in which a parallel financial investigation is planned or conducted, because the findings and evidence that can be useful for the financial investigation process, they should be obtained in a legally valid manner and collected at the same time as evidence is collected for the offenses covered by the investigation.
It is recommended that prosecutors, when zealously performing their tasks in particular, Article 12 of the Law on the confiscation of property acquired through criminal activity, can carry out a financial investigation, all collected operational knowledge and information regarding illegally acquired movable and immovable property, money, witness of a monetary transaction, witness of the commission of a criminal offense, identification of the natural person who is the real owner (the end user), or who personally enjoys that property, or who has a material interest in it, who is benefiting the legal entity in order to determine the real owner (financial evidence, manner of activity, cash, undeclared income, legal income, partners in business, financial transfers, funds, tracing the property, whether there was any purchase of real estate or goods, especially if the property is hidden in some offshore destination or other country, whether third party assistance was used, members of criminal organizations, organized criminal groups, and their collaborations, as well as other knowledge and data useful for conducting financial investigations, as soon as possible, the division of the organizational unit responsible for carrying out financial investigations, including it for the purpose of conducting a financial investigation.
By postponing the conduct of a financial investigation, the risk increases. The unlawfully acquired property gain will be transformed in various ways that the property may be brought out of the country, as well as many other ways of its further use and implementation.

The goal of pursuing financial investigations is to seize illegal revenue (the economic benefit arises or is obtained, directly or indirectly, by a criminal offense).

It should be kept in mind that the seizure of illegal income also has positive effects:
- Prevents the infliction of illegal revenue and corruption in the legal economy,
- abolishes the inflow of funds for the future execution of criminal offenses,
- helps to achieve the planned goal of a criminal group or individual,
- supports the rule of law and the moral principle that no one can benefit from the crimes committed.

Preventing, because the property benefit is the reason and motive of most of the crimes, thus affecting the perpetrators of criminal offenses.

In the Police Directorate, collecting data and information, among other things, may be collected by all police officers (SP, SAPOLX, SSPN, FF, OJ, etc.) in accordance with Article 297, paragraph 1 and 2 of the Code of Criminal Procedure, and the property of persons who are the subject of the reconnaissance procedure, in accordance with the current Rulebook on internal organization and job classification, conducting financial investigations are carried out by organizational units SBPCNH.

Group for the Suppression of Serious Crimes of Economic Crime and conducting financial investigations with the Department for the Suppression of Serious Crimes,

In the surveys and as at the request of the Higher Public Prosecutor's Office (PG, BP), the Basic State Prosecutor's Office (UJ), but only if requested by the Special State Prosecutor's Office, the High Court (PG, BP); other organizational units of the Police Directorate as well as the requirements from abroad (NCB Interpol, Europol, Select, ARO, SOJ, etc.)

Special police department,
- only in the surveys and upon the requests of the Special State Prosecutor's Office, for the criminal offenses under the jurisdiction of the SSP.
POLICE DEPARTMENT - INTERNATIONAL COOPERATION

As mentioned above, the aforementioned Group acts on requests from abroad, among others, for the identification of assets, which are conducted through the Division for International operative Police Cooperation.

The Law on the confiscation of property gained through criminal activity in Article 79 - The scope of international cooperation, defines, among other things, this fact

"The organizational unit of the police responsible for the financial investigation shall act upon requests in accordance with Council Decision 2007/545/JHA of 06.12.2007," as indicated by the Ministry of Internal Affairs (Directorate for Security and Security Affairs and Supervision) from 2016.

CARIN (Camden Assets Recovery Integrity Network) is an informal inter-institutional network of police officers and other judicial practitioners, a specialist, among others, to track assets, identify and seize them.

This contact point also sends requests to other contact points abroad, to countries where it is assumed that the persons subject to the check have movable or immovable property.

This situation was last 4 years but from the end of May of 2016, this contact point is changing now it's at the mentioned Division for International operative police cooperation.
DEALING WITH REQUIREMENTS FOR IDENTIFICATION AND PROPERTY VERIFICATION FROM MNE

- Requests from other organisational units of the Police Directorate
- Department for International Police Cooperation Internal: Europol, Europol Eurocrime and other departments within the CAP and SPOKK
- CB and CB
- Anti-Money Laundering and Terrorist Financing Sector (former USPNET/IFU)
- Special State Prosecutor’s Office / Vlaamse SPO
- More State Prosecution / PG and BP
- Basic State Prosecutor’s Office
- Higher court / PG and BP (International legal assistance)

Trafficing in human beings - Smuggling of migrants

Organized crime spreads out its actions in any geographical area that would bring benefits. The OCC from the region collaborate in the EU and non-EU borders do not represent a challenge in the region OC threatens the society on many levels, from economy to society with negative impact on the citizens general safety and health.

Southeast Europe is traditionally a transit area used by migrants travelling towards Western Europe whether by sea, land or air.

Montenegro is used as transit country for migrants

Priority crime areas: LEAs必须 prioritize their resource on countering the emerging crime with the highest impact on society’s safety. OCTA 555 2015 calls for 5 key priorities as follows: terrorism, cybercrime, drug trafficking, trade and industry crime, trafficking in human beings and smuggling of migrants.
The investment of illegally acquired "dirty" money is one of the most dangerous threats, which is why organized crime and a great threat to national security and a specific negative social phenomenon that also threatens national security through various forms. So financial investigations should be a tool in the fight against organized crime, corruption, money laundering and other serious criminal offenses, which, along with other measures and actions, contribute to minimizing business activities and the ultimate goal of breaking up criminal groups, which is also the most important step in the fight with OCG.

The overall objective is to enable efficient and quality implementation of financial investigations in order to monitor cash flows, property and parallel implementation of financial investigations, efficient cooperation between institutions (raising the level of training of both judicial and state officials) (collecting data and information) and general awareness of the importance of conducting financial investigations.

The 2017 SOCTA/enhanced assessment of the threat of serious and organized crime identified 11 OCG active in Montenegro (Polyvalent OCG multiple activities at the same time).

One of the challenges that law enforcement agencies face in Montenegro is organized crime, which is manifested through the activities of the OCG, whose primary activity is the smuggling of narcotics at the international level. The conflicts between the OCG (which result in the killings) are not only related to the territory of Montenegro, but also the international traffic with registered criminal structures in the region.

Police and state prosecutor's offices in Montenegro have made some progress in this area, but it is necessary to improve the results of the previous work.
Recommendation no. 36 (Financial Action Task Force (FATF)), according to which, "financial investigation" means the investigation of financial affairs related to criminal activities, for the purpose of; the network of crime, the extent of crime; detection of proceeds of crime, terrorist assets or any other property that is, or might become the subject of confiscation, as well as for disclosure of such property; obtaining evidence that can be used in criminal proceedings.

The main objective of the investigation of financial crime is to determine and document the movement of money during criminal activities; i.e. the origin of money and its transformation and the way it is used.

The relationship between the origin of the money, the beneficiary, the moment of receipt of money and the place where it is deposited can provide information on criminal activities, as well as evidence of the committed criminal offense.

<table>
<thead>
<tr>
<th>Year</th>
<th>Amount (EUR)</th>
<th>Amount (USD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015</td>
<td>25,042.091</td>
<td>20,444.015</td>
</tr>
<tr>
<td>2017</td>
<td>22,712.481</td>
<td>20,444.015</td>
</tr>
<tr>
<td>2018</td>
<td>52,948.363</td>
<td>50,000.000</td>
</tr>
</tbody>
</table>

The statistical data available to the Criminal Police Department regarding the number of registered criminal offenses during 2015, 2017 and 2018 indicate that there were very few financial investigations conducted in relation to a large number of crimes committed, pursuant to Article 2 of the Law on the confiscation of property that was acquired through criminal activity, could conduct a financial investigation (over a thousand).

We believe that the conduct of financial investigations, a useful tool in the fight against crime, is primarily the fight against organized crime and transnational organized crime, which police officers should use in dealing with all cases where financial investigations can be conducted.
Financial investigations are useful tools in fighting crime.

Organised crime activities are profit.
Confiscation is a strategic priority in the fight against organised crime.
Human trafficking destroys lives and its effects damage communities.
Human trafficking is a truly international crime.
In a strategy to combat trafficking in human beings, a financial investigation has been identified that includes asset investigation, freezing and seizure, management and final seizure/confiscation.

Therefore, there must be good, safe and fast international cooperation in order to identify assets acquired through crime.
THANK YOU for your ATTENTION!
Introduction

Flows of illicit money through transfers of funds can damage the integrity, stability, and reputation of the financial sector. Further, it could menace the internal market of the European Union as well as international development.

The confidence in the financial system is important and could be threatened by:

- Terrorist financing
- Money laundering
- Organized crime
- and other crimes.
First of all ..... 

What is a (financial) criminal investigation?
Criminal (financial) investigation:

The study of facts to show and prove criminal trials.

Criminal (financial) investigation:

A complete criminal investigation can include:

- Searching, identify and finding information,
- Searching, identify and finding traces,
- preservation,
- interviews,
- interrogations,
- others various methods of investigation,
- evidence collection,
- analyze, develop hypotheses, reconstruct,
- report.
What is a financial investigation?

A financial investigation is an analysis of where money comes from, how it moves, and how it is used.

FLOW of the MONEY
Traces - definition

«A pattern, a signal or material transferred during an event. It is the remnant (the memory) of a source and of an activity that produced it»

P. Margot, Forensic science on trial: «What is the law of the land?»
Different types of traces:

Financial traces:
Forensic intelligence

- Forensic traces have the advantages of being:
  - Objective
  - Measurable (analysis/codification)
  - Comparable

- Traces can be compared systematically to connect cases in a timely fashion.
- Infer a common source/a common crime activity

How can I move money, funds, objects,...
- Giro - also known as direct debits
- Money order transfer by postal cheque, moneygram or other
- Bank transfer - money order / swift
- Remittance - a transfer of money by a foreign worker to his or her home country
- Currency exchange - transfer of one currency to another
- Electronic funds transfer - an umbrella term mostly used for bank card based payments
- Wire transfer - an international expedited bank to bank funds transfer
- HOSSF's
  - Jcb-Bakas: an informal money transfer system originating in the Arab world
  - Hawala (Hundi): an informal system primarily to send money to and from the Middle East, North Africa, India, Pakistan, Bangladesh, Nepal
- Others
Sending money in an envelope by post or carrier

Give cash to somebody directly (Cash carriers)
Packet

Give money to the bank to transfer it
Bank and wire transactions

Using changes
Informal value transfer system (IVTS) is any system, mechanism, or network of people that receives money for the purpose of making the funds or an equivalent value available to a third party in another geographic location.

How it works:

[Diagram showing the process of IVTS]
Informal value transfer system

Money transfer services

Financial services that specializes in the transfer of money from one location to another location.

Individuals deposit money at one of the company's kiosks and then the receiver is able to pick-up the funds at another branch.
Western Union

The company has been in business since 1851.

Ria Money Transfer is a subsidiary of Euronet Worldwide, Inc., which specializes in money remittances. Ria initiates transfers through a network of agents and company-owned stores located throughout North America, Latin America, Europe, Asia-Pacific, Africa and online.

The company opened its first store in 1987 and has since grown to become the third largest money transfer service in the world. Ria currently serves customers in 144 countries through more than 314,000 locations worldwide.
MoneyGram, Xoom, Torfx, transferwise, worldremit, ...
Gift cards

Gift transfer offices sending worldwide
Standing order/subscriptions

Other gift or cards
In-game virtual money

Playcards, add-ons, subscriptions
virtual or crypto-currencies

Prepaid car rental services
It is possible to buy bitcoins with cash, online payments, bank, or money services. Business transfers.
Thank you for your attention

Questions?

«It's all about the money!»
We are having three tasks
OUR Rules 😊

• When you finish rise your hand.
• Do not tell loud the names/answers please.
• All of us we have to do this exercise.

TASK 0

• Use the tool to download the picture from your computer

• Then when you open link above downloaded picture as URL and use our Firefox addons (left click on picture)
TASK 0

• **Question:**

• Why it has been closed down? The official reason.

• When finish rise your hand please.

TASK 1

• **Questions:**
  • Where the foto was taken?
  • Whos paintings are on the photo?
  • What is the age of the author of the paintings?
  • Which country he/she is from?

• When finish rise your hand please.
TASK 2
• What is company name (owner of the ship)?
• Ship (vessel) name?
• What kind of vessel it is?
• What country it is registered in?
• Where the ship is now?
• To which port is going to?

• When finish rise your hand please.
USE OF TECHNOLOGY IN SUPPORT OF INVESTIGATION

INM: CATCHERS & RADIO TRANSMITTERS

MONTENEGRO

Thank you for your attention!
Mobile Phone Components

- Handset
- SIM Card
- Mobile Number
- Communication Service Provider (CSP)

7880 - 736518

How Mobile Phones Work?

(previous lecture/
### IMEI

- at least 15 digits
- each section of numbers within the IMEI has a significant meaning –
- **AA-BBBBCCD**
- **AA-BBBBCC-EE** – software ver.

<table>
<thead>
<tr>
<th>AA</th>
<th>BB</th>
<th>BB</th>
<th>CC</th>
<th>CC</th>
<th>CC</th>
<th>D or EE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Old IMEI</td>
<td>TAC</td>
<td>FAC</td>
<td></td>
<td></td>
<td></td>
<td>(Optional) Luhn checksum</td>
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<tr>
<td>New IMEI</td>
<td>TAC</td>
<td>FAC</td>
<td></td>
<td></td>
<td></td>
<td>Serial number</td>
</tr>
<tr>
<td>Old IMEISV</td>
<td>TAC</td>
<td>FAC</td>
<td></td>
<td></td>
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<td>Software Version Number (SVN).</td>
</tr>
<tr>
<td>New IMEISV</td>
<td>TAC</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### The Simcard

- A smart card in the handset which has a limited memory to store phone numbers, text messages and other more basic services
- It is removable and can be put into different handsets
- Contains the mobile phone number
- Contains the **IMSI number** (International Mobile Subscriber Identity number)
- Contains the manufacturers serial number

IMSI 234151234512345
IMSI

- 15 digit number, but can be shorter (not longer)
- The first 3 digits are the mobile country code (MCC)
- Next mobile network code (MNC), either 2 digits (European standard) or 3 digits (North American standard)
- The length of the MNC depends on the value of the MCC, and it is recommended that the length is uniform within a MCC area.
- The remaining digits are the mobile subscription identification number (MSIN) within the network's customer base (mostly 10 or 9 digits depending on the MNC length)
What is OSINT for You???

OSINT - definitions

Open-source intelligence (OSINT) is data collected from publicly available sources to be used in an Intelligence context. In the intelligence community, the term "open" refers to overt, publicly available sources (as opposed to covert or clandestine sources). It is not related to open-source software or public intelligence.

OSINT and Dark web

Is DARK WEB info part of OSINT?

YES or NO?

OSINT sources can be divided up into six different categories of information flow

Media: print newspapers, magazines, radio, and television from across and between countries.
WEB 1.0, 2.0 ...

Do you know main difference?

Browser

What browsers you know?

List them...

Software

Browser
Searching engines and their differences
Adds

Search engines

Which search engines you know?

List them...

Are they all the same?
**Addons**

uBlock Origin


An efficient blocker: easy on memory and CPU footprint, and yet can load and enforce thousands more filters than other popular blockers.

---

**SingleFile**

Save a page as a single HTML file


Save a complete page (with CSS, images, etc.) into a single HTML file.

---

**DuckDuckGo Privacy Essentials**


Privacy, simplified. Our add-on provides the privacy essentials you need to seamlessly take control of your personal information, no matter where the internet takes you: tracker blocking, smarter encryption.

---

**Easy Screenshot**


Capture a screenshot of the whole webpage, and save in your desktop in default.

To protect and easy to extract photos to search.
**Wayback Machine**


Detects dead pages, 404s, DNS failures & a range of other web breakdowns, offering to show archived versions via the Internet Archive’s Wayback Machine. In addition you can archive web pages, and see their most recent & first archives
Ex. Onet.pl

---

**Link Gopher**


Extracts all links from web page, sorts them, removes duplicates, and displays them in a new tab for inspection or copy and paste into other systems.

Try: ccat.pl

---

**OCR – text capture from picture**

Copyfish - Free OCR Software


---

**QUESTIONS???
Thank you for your attention.

TELECOMMUNICATION INVESTIGATION IN FINANCIAL CASES (WITH SOME ASPECTS OF LOCALISATION)

MONTENEGRO

EUROPEAN UNION AGENCY FOR LAW ENFORCEMENT TRAINING
How Mobile Phones Work

Facts and Figures (December 2016)

• Around ... million mobile phone subscribers (SIM cards) in Montenegro
• ... Facts and figures
Cell Types

- **Omni Cell**
  - Omni-directional cells have one antenna which gives 360 degree coverage

- **Macro Cell**
  - Are the work horses of a network.
  - Cells have more than one antenna and the coverage area is split up into sectors (normally 3 or 6)
  - Antennas mounted on masts, buildings, normally elevated
  - Provide coverage over varying distances typically 1 KM to 35 KM

- **Micro Cell**
  - Provide additional coverage in areas of high number users
  - Mounted at street level and often disguised
  - Provide coverage over distances between 100m and 1KM

- **Pico Cell**
  - Provide coverage up 10 to 100m
  - Generally found in buildings with dense population

- **Nano Cell**
  - Smallest standard cell. Found in offices
  - Provide coverage between 1m to 10m

Seizure of Mobile Phones
Legislation covering Telecommunications

Is part of cyber

Issues around Forensic Examinations of SIMs / Handsets & Communications
The differing items of communications data.

Attributing mobile phones.
Localisation

Evidencing Communications Data
Thank you for your attention!

Any Questions?
<table>
<thead>
<tr>
<th>Event Type</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>Day 1, Morning</td>
<td>Arrivals</td>
</tr>
<tr>
<td>09:00</td>
<td>Course overview, introduction of CEPOD</td>
</tr>
<tr>
<td>10:20</td>
<td>Western Balkan and Eastern Mediterranean: State of play by TIDE</td>
</tr>
<tr>
<td>10:30</td>
<td>Coffee break - TIDE Polo</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Day 1, Midday</th>
<th>Session 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:30</td>
<td>EUMC to support THB/laundromat investigations by Europol</td>
</tr>
<tr>
<td>12:30</td>
<td>Lunch</td>
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</table>

<table>
<thead>
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<th>Session 2</th>
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</thead>
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<tr>
<td>13:30</td>
<td>Workshop: Scenario Organised Crime and money laundering by Europol</td>
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<tr>
<td>15:30</td>
<td>Workshop: Scenario Organised Crime and money laundering by Europol</td>
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<td>16:30</td>
<td>Workshop: Scenario Organised Crime and money laundering by Europol</td>
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<table>
<thead>
<tr>
<th>Day 1, Evening</th>
<th>Meals</th>
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<tbody>
<tr>
<td>19:30</td>
<td>Dinner</td>
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</table>

<table>
<thead>
<tr>
<th>Day 2, Morning</th>
<th>Session 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:00</td>
<td>Enhancing investigation in financial crimes linked to organised crime and terrorism by Europol</td>
</tr>
<tr>
<td>10:20</td>
<td>Cooperation with Tax administrations and practical intelligence connection</td>
</tr>
<tr>
<td>10:30</td>
<td>Coffee break</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Day 2, Midday</th>
<th>Session 2</th>
</tr>
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<tbody>
<tr>
<td>11:30</td>
<td>Workshop: Scenario Organised Crime and money laundering by Europol</td>
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</table>

<table>
<thead>
<tr>
<th>Day 2, Afternoon</th>
<th>Session 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>13:30</td>
<td>Lunch</td>
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</tbody>
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<table>
<thead>
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</tr>
</thead>
<tbody>
<tr>
<td>19:30</td>
<td>Dinner</td>
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</table>

**Conference**

<table>
<thead>
<tr>
<th>Day 2, Evening</th>
<th>Departures</th>
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<tbody>
<tr>
<td>17:00</td>
<td>Departures</td>
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**Conclusion**

<table>
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<tr>
<th>Day 3</th>
<th>Summary and delivery of key results by CEPOD</th>
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<tbody>
<tr>
<td>11:00</td>
<td>Final speech by ODIASPOT</td>
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**Attendance**

<table>
<thead>
<tr>
<th>Attendees</th>
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<tbody>
<tr>
<td></td>
</tr>
<tr>
<td>PARTICIPANT</td>
</tr>
<tr>
<td>-------------</td>
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</tbody>
</table>

Financial forensics, law enforcement, and organized crime.
CEPOL TRAININGS

WHO and HOW?

- CEPOL AGREEMENT (EU MS APART UK and DK)
- INTERN. TRANSPORT, ACCOMMODATION, MEALS
- CNUs and NCPs
- SELF PAYERS
- CANDIDATE COUNTRIES
- AGREEMENTS WITH 3TH COUNTRIES
CEPOL PROJECTS

COUNTER TERRORISM II
- LEBANON
- JORDAN
- TURKEY
- TUNISIA
- MOROCCO

WESTERN BALKANS FINANCIAL INVESTIGATIONS
- SERBIA
- BOSNIA AND HERCEGOVINA
- MONTENEGRO
- NORTH MACEDONIA
- ALBANIA
- KOSOVO

[Note: The designation is without prejudice to positions on status and is in line with UNSCR 1244/1999 and the ICJ Opinion on the Kosovo declaration of independence]

CEPOL WB FI PROJECT

OVERVIEW

24 MONTHS LENGTH. KICK-OFF DECEMBER 2017

TNA CONDUCTED 1ST HALF 2018

IMPLEMENTATION PHASE STARTED JULY 2018

[This project is funded by the European Union]
CEPOL WB FI PROJECT

OBJECTIVES

- Promoting closer cooperation and mutual learning and networking between the EU and non-EU law enforcement officials, prosecutors and judiciary members, dealing with financial investigation
- Establishment of a common and shared practical knowledge in the field of financial investigation

CEPOL WB FI PROJECT

WORK PLAN

- 6 National trainings, 1 per partner
- 4 + 8 Regional trainings
- 120 Exchanges, peer to peer
- Self payers
- 23 WB participants in residential activities
CEPOL WB FI PROJECT

NEXT TRAININGS

HEADS/REPRESENTATIVES OF POLICE ACADEMIES
MOCK TRIAL (1 + 1)
IRREGULAR MIGRATION/THB
INVESTIGATING CRYPTOCURRENCIES
INVESTIGATING CORRUPTION
ANALITICAL TOOLS IN REGARD FI
SIMULATION MONEY LAUNDERING LINKED TO FI

CEPOL WB FI PROJECT

METHODOLOGY

WORKSHOPS
CASE STUDIES
MIX GROUPS
OPEN DISCUSSIONS
COMMON SOLUTIONS TO CASE STUDIES
Thank you for your attention!

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European Union Agency for Law Enforcement Training
Széchenyi István 1026 Budapest, Hungary

Telephone: +36 1 403 8090 • Fax: +36 1 403 8099

Email: info@cepol.europa.eu • www.cepol.eu
Open Source Intelligence (OSINT)

INTRODUCTION

What is OSINT?

- **Open Source Intelligence**: an intelligence gathering method which involves finding data in sources publicly, legally available for everyone and also analyzing it to be used in an intelligence context.

Digital footprint

- Every action on the Internet leaves a trace behind.
- At least a username, an e-mail address and a password is necessary almost everywhere.
- Once it is there, it can be only hardly or never removed...
Intelligence gathering methods

- HUMINT – Human Intelligence
- MASINT – Measurement and Signature Intelligence
- GEOINT – Geospatial Intelligence
- SIGINT – Signals Intelligence
- TECHINT – Technical Intelligence
- MARKINT – Market Intelligence
- OSINT – Open Source Intelligence
- Etc.

OSINT vs. other intelligence gathering methods

OSINT vs. other intelligence gathering methods

- In other intelligence gathering methods the hardest part is obtaining the data while in OSINT the major difficulty is to analyze and verify it.
- It became essential after the Internet explosion.
- 90% of data processed by intelligence services is based on open sources.

OSINT vs. other intelligence gathering methods

- Advantages:
  - Easy to access
  - Cheap or free
  - Big volume of data
  - Good chance to get information
  - Can be used without permission
  - Open sources usually record historical data too
- Disadvantages:
  - Time consuming
  - Needs new type of skills and knowledge
  - Big volume of data
  - Many fake information, the problem of reliability of data
  - You need other sources for verifying

Pros Cons

PRACTICAL EXERCISES
OSINT methods

- **Passive:** no interaction with the target
  
  "The quieter you become the more you are able to hear."
  
  (Ram Dass)

- **Active:** taking some intrusive steps is necessary to get the information (e.g. follow an Instagram profile, send a friend request or join a group on FB, etc.)

  "The line between ACTIVE OSINT and HACKING is very thin."
  
  (Anybody who present OSINT)

---

Open sources

- Media: newspapers, magazines, radio, television...
- Public databases: libraries, universities, governmental bodies, NGOs, research facilities, private companies...
- Publications: governmental reports, studies, academic papers...
- Public conferences and other public events...
- **World Wide Web**

---

Why is the Internet is the most important source?

- Easy to access
- Used by everyone – including criminals
- Timeless and timely
- The quantity of the data on the world wide web grows exponentially
- Contains everything mentioned before and a lot more
- There are types of data which could be obtained only from the web
Exponential growth in the last two decades

**MONTENEGRO**
  - Country Size: 14,026 sq km
- Capital City: Podgorica - 156,000 (2019)
- 439,624 Internet users in Dec 2018, 69.9% penetration
- 320,000 Facebook subscribers in Dec 2017, 50.8% penetration
- Mobile Speed: 44.60 Mbps
  - Download: 15.30 Mbps
  - Upload
- Fixed Broadband Speed: 36.84 Mbps
  - Download: 6.05 Mbps
  - Upload

**HUNGARY**
- Population: 9,688,847 (2018)
  - Country Size: 92,966 sq km
- Capital city: Budapest - 1,752,704 (2017)
- 8,588,776 Internet users in Dec 2017, 88.6% penetration
- 5,300,000 Facebook subscribers in Dec 2017, 54.7% penetration
- Mobile Speed: 48.16 Mbps
  - Download: 16.86 Mbps
  - Upload
- Fixed Broadband Speed: 105.74 Mbps
  - Download: 42.46 Mbps
  - Upload

Source: www.statista.com

Source: www.internetlivestats.com
What is a proxy?

- A proxy server acts as a middleman in your internet traffic, so that your internet activities appear to come from somewhere else.

What is a VPN?

- Virtual Private Network also makes your traffic appear as if it comes from somewhere else, but it is set up at the operating system level, so the VPN connection captures the entire network connection of your device.
What is TOR?

- An encrypted network that gives anonymity for the users and provides a specific software to access it, probably the best solution for anonymity.

Proxy vs. VPN

Proxy Server Setup

VPN Server Setup

The Secure Internet

No Encryption

Whole Computer

VPN Server

SSL Encryption
What are the most important sources?

- Websites
- Online databases
- Instant message apps
- Photos, videos
- Search engines
- Maps
- Social Media
- Dark Web
Online Databases

- **Company registers**: Information about the directors, shareholders, incorporation dates, annual reports, addresses, jurisdiction, connections...
- www.opencorporates.com
- **Tip**: try free tools before paid services
- **Tool**: European e-Justice Portal – Company Registers (all EU members, in all EU languages)

---

**What does the Hungarian business register offer?**

The business register contains data on regulated companies and corporate documents, which serve as the basis for registration. The data in the business register is accessible for any institution at any level of the Hungarian judicial system. Information on regulated companies is stored electronically. The data of companies registered at any instance of the court of registration are available free of charge of the website of the National and E-Corporate Company Register of the Ministry of Justice (Companies Informative Service: https://www.kerep.hu).

You can access the following information (valid at the time of your request):

- Corporate name
- Address
- Business address
- Company's principal activity
- Activity type
- IMI number
- Issued share capital
- ISIN number
- Whether bankruptcy, liquidation or final settlement proceedings have been initiated
- Whether the name or a significant part of the name or the trade mark has been changed
- Whether an individual core activity of the company has been approved
- Whether it is a public company

---

Winter Open Data Business Award 2015
Find a company

Welcome to the "Find a company" section of the European e-Justice Portal. This page allows you to search for and access company information from the national business registers.

In accordance with Directive 2003/55/EC, this service is to cover the business registers of all EU countries as well as Iceland, Liechtenstein and Norway. Not all of the Member States are currently connected, but more will be so in due course. If you are looking to access information and documents from these registers which are not yet part of the "Find a company" page, you can find links to the respective national registers on our "Correspondent information" page.

Search criteria

Company name:

Company registration number:

Country: [Select Country]

Search in all participating countries

1. About the links to other registries

This is not a comprehensive list of all company registries located around the world.

The links are given by region:

Companies House neither warrants nor accepts any liability for the content on the websites linked to below.

2. Registries in Africa

[List of African registries]
Online Databases

- **Online auction sites:** E-bay, Amazon, AliExpress, Wish
- **Tip:** search on E-bay by username
Search Engines

- **The BIG ONES:** Google, Bing (Yahoo), Yandex (Russia), Baidu (China)
- **Special search engines:**
  - Country based search engines
  - People search engines
  - Social media search engines
  - Deep Web search tools
  - Etc.
- **Tip:** always check Bing also
- **Tool:** use [www.google.com/ncr](http://www.google.com/ncr) (No Country Redirection)

2018 Market share of search engines

Source: [www.statista.com](http://www.statista.com)
Google Advanced Search
(www.google.com/advanced_search)

Google Search Operators

- Search for unknown words: * in your phrase where you want to leave a placeholder: best nba * in the world

- Combine searches: OR between each search query: Shaq OR Shaquille

- Search a specific site: site: in front of a site or domain: site:nba.com or site:.gov

- Search for social media: @ in front of a word: @twitter

- Search for a price: $ in front of a number: Nike Kobe 11 $200

- Search hashtags: # in front of a word: #hwapo

- Exclude words from your search: - in front of a word you want to leave out: jordan -basketball -nba -shoes

- See Google's cached version of a site: cache: in front of the site address: cache:www.gov.me

- Search a specific filetype: filetype: in front of file extension: filetype:.doc filetype:ppt

- Search keyword in URL: inurl: in front of word: inurl:nba

- Define the meaning of a word: define: in front of word: define:police
EXERCISE 1.

- Search for Samsung laptop sold on www.vatera.hu
  site:vatera.hu "samsung laptop"

EXERCISE 2.

- Search for MS Word documents on Montenegro Government official website
  site:gov.me filetype:doc

EXERCISE 3.

- Search for presentations on cybercrime on United Nations official website
  site:un.org filetype:ppt "cybercrime"

EXERCISE 4.

- Search for documents on Montenegro Government official website related to money laundering
  site:gov.me filetype:doc "money laundering"

Google Reverse Image Search (image.google.com)

- Search for similar images
- From a URL or upload an image
- Search by image works best when the image is likely to show up in other places on the web
- Only similar images, not the same images!
- Be careful! Any images you upload and search for might be stored by Google...
Google Alerts (google.com/alerts)

- Monitor the web for interesting web content
- You will get emails when new results for a topic show up in Google Search
- You can get info about news, products or mentions of a person
- You can set how often, how many, what language, what region, what sources, etc.
Google Alerts (google.com/alerts)

Alerts
Monitor the web for interesting new content

- Levin James

How often
- At most once a day

Sources
- Automatic

Language
- English

Region
- Any Region

How many
- Only the best results

Enter email

Create Alert

Google Translator (translate.google.com)

- We can simply translate what we want
- Usually identifies the language automatically
- Words, sentences, even a whole website
- App. 100 different languages (no Montenegrin, but Serbian is available)
- Far from perfect, but enough to get an idea...
Google Maps (maps.google.com)

- Google Maps and Google Earth, (Bing Maps)
- We can check almost any address without going out – even in the past
- Especially useful before an arrests and a house searches
- **Tip:** Always check the date at the left upper corner
- **Tool:** Google Street View and Google Maps Timeline
EXERCISE 6.

Break time!

Time to get up and stretch!

OK
Open Source Intelligence (OSINT)
SOCIAL MEDIA

Number of social media users 2010-2021

Source: www.statista.com

Most popular social networks worldwide of (August 2018)

Top 15 Most Popular Social Networking Sites

Source: www.dreamgrow.com
Social media for law enforcement

- The most important source, the backbone of every OSINT investigation
- We can obtain the most personal and up to date information about a target
- Nearly everybody was, is, or will be on some kind of a social media site
- Tip: check all the popular social media websites in your country
- Tools: Let's try some!

Source: www.dreamgrow.com

Source: www.facebook.com

Facebook popularity 2004-2015 in millions
Some statistics on Facebook users

- 87% of online users of age 18-29 are on Facebook
- Half of them checks Facebook when they wake up
- The average time spent on Facebook per visit is 20 minutes
- Average Facebook user has 155 friends
- Average number of pages, groups and events a user is connected to is 80

Some statistics on Facebook content

- 350 million photos uploaded every day, with 4,000 uploads per second
- Every 20 minutes 1 million links are shared, 20 million friend requests and 3 million messages are sent
- 55 million status updates are made every day
- Every 60 seconds 1 million comments are posted

What kind of data can we obtain from social media sites?

- Personal information: age, birth place, addresses, education, recent and past workplaces, hobbies...
- Interpersonal relations: relatives, relationships, friends...
- Recent photos and videos of the person and his/her environment...
- Visited places and events...
- Religion, political views...
- Financial status, owned properties (car, house etc.), travels, hobbies...
- And so many more...

What types of content are on Facebook?

- Personal profile
- Ad
- Page
- Group
- Event
- Marketplace
Personal Profile

- Timeline, About, Friends, Photos, More... (Videos, Check-ins, Sports, Movies etc.)
- The profile can be fully visible (public) or only partially visible (protected or private)
- **But:** some of the user actions cannot be made fully private (e.g.: liked photos)

Pages

- Used by businesses, organizations, celebrities, etc.
- They have some unique solutions like number of viewers, activities on the page, etc.
- **But:** a personal profile account is essential to create and host a page
Facebook Ad

Quazar Clever Watch Non-Stop okosóra
smartk&hu
Tudatosság és aktivitas a mindenekben
Szerez be a Quazar Clever Watch okosórdt
MOST...

Facebook Group

- Members can share posts, media, documents
- Has at least one administrator
- Types of groups:
  - **Public:** Anyone can see the posts or join the group
  - **Closed:** Only members can see the posts, you have to join
  - **Secret:** You neither can see the group nor the posts, so it is not easy to join...
Facebook Event

- Has at least one host
- Types of events:
  - **Public**: Anyone can see the event, search for it or join it, even if they are not friends with host
  - **Private**: Only invited users can see and join the event, host can choose to let guests to invite others
FACEBOOK User ID

- What we usually need:
  - As many information as we can get about our target
  - The name of a person is often not enough
  - We need the user identification number („USER_ID“)

- Getting the „User_ID“:
  - Browser add-ons
  - Collect from the page’s source
  - Collect it from the URL
But do not forget

- Profile can be suspended/banned by Facebook because of too much searches
- Facebook is able to log your searches
- Your activity on Facebook affects your searches
- Your location affects your searches
- Different users can get different results
- What works today, probably won’t work tomorrow...
**Instagram**

- Photo/video sharing service
- Launched in 2010, acquired by Facebook in 2012
- Users can apply filters, add geotags, add hashtags
- About 800 million active users
- Few personal information
- Posts / Followers / Following / Images
- Focusing on user's (media) posts
- Can be shared directly into Facebook account
- Private profile: you cannot see any post unless you follow the profile owner

---

**Most followers on Instagram (November 2018)**

- Cristiano Ronaldo: 145 million
- Selena Gomez: 144 million
- Ananya Panday: 132 million
- Kim Kardashian: 120 million
- Dwayne Johnson (The Rock): 119 million
- Beyonce: 119 million
- Kylie Jenner: 118 million
- Taylor Swift: 112 million
- Neymar: 104 million

Source: www.statista.com
Twitter

- Launched in 2006 for online news and social networking
- 326 million monthly active users (2018 Q3)
- 500 Million tweets a day (2018 Q3)
- Tweets are publicly visible by default, but the user can set restrictions (for example, only for subscribers)
- Tweets can be forwarded, this called retweeting
- Retweeting and replying to others can be directly made via @ tag (@username)
Thank you for your attention!

Budapest, HUNGARY

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