

Prum cooperation in EU 2008 - 2018



plk. Ing. Zuzana Némethová, PhD.
Kriminologický a expertní ústav PZ
10. 10. 2018, Praha
„Quo vadis European Forensics?“

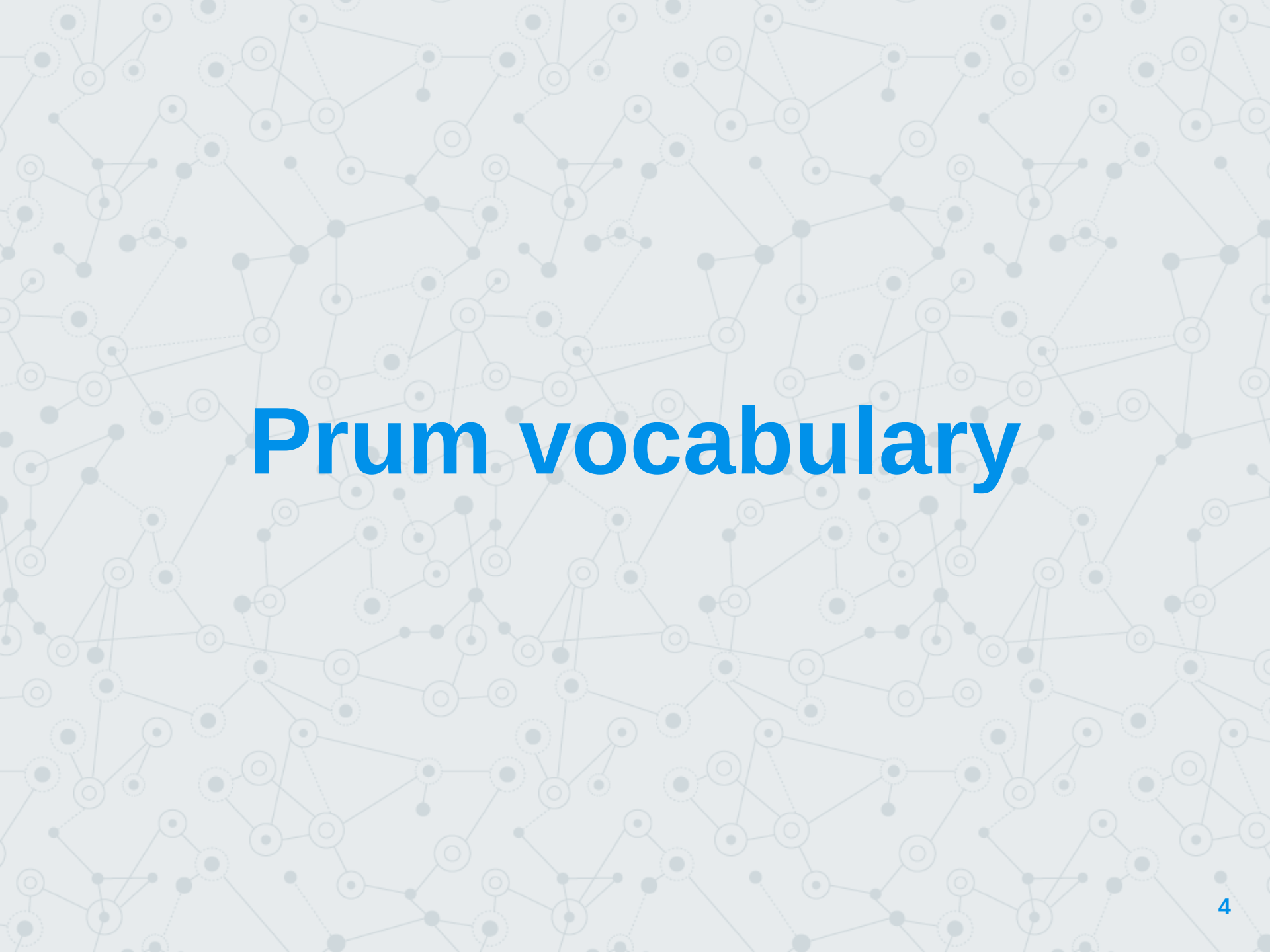


***You can have data without
information, but you
cannot have information
without data.***

Daniel Keys Moran

Content

- ◎ Prum vocabulary
- ◎ Statistics
- ◎ Case
- ◎ Prum - ng

The background of the slide is a light gray network diagram. It consists of numerous small circular nodes, some of which are solid gray and others are hollow with a gray outline. These nodes are interconnected by a web of thin, light gray lines, creating a complex, organic pattern that resembles a molecular structure or a data network. The overall aesthetic is clean and technical.

Prum vocabulary

Prüm Treaty

© **Prüm Treaty**, was signed on **27th may 2005 in Germany, Prüm** by the following EU states

- Belgium, Germany, Spain, France, Luxembourg, Netherlands , Austria (7)
- Italy, Slovenia, Portugal, Finland, Hungary, Bulgaria, Romania, Slovak Republic (8)

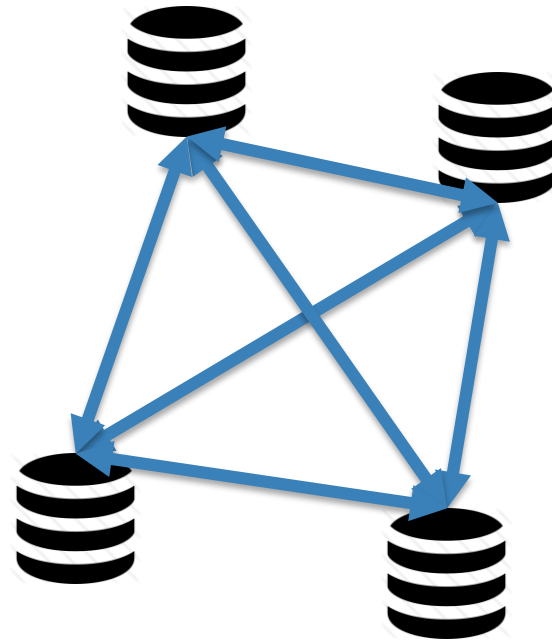
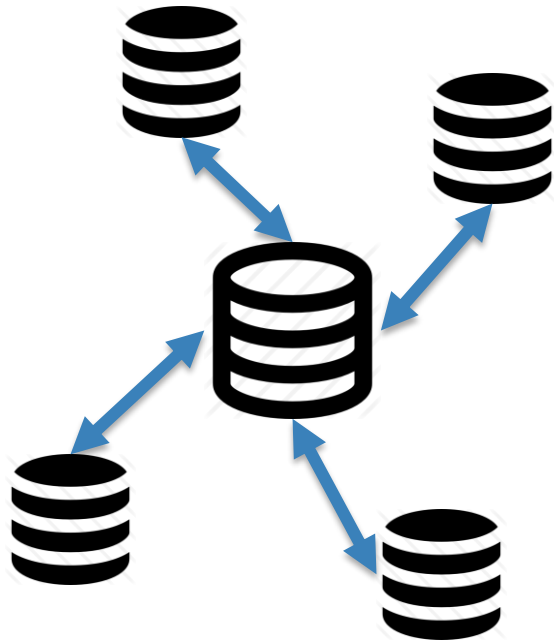
FP, DNA, ballistics, Air marshals, VRD, telephone numbers and communication data, minimum data for identification of persons

Prum Decision

© **23. June 2008 Belgium, Brusel,**
Council of the European Union adopted
a Council Decision 2008/615/JHA on the
stepping-up of cross-border cooperation,
particularly in combating terrorism and
cross-border crime and implementation
Decision 2008/616/JHA

- DNA, FP, VRD, Personal and nonpersonal data in connection with major international events
- **Decentralised data exchange**
2 steps procedure

Centralized vs. decentralized data exchange



The background of the slide is a complex network diagram. It consists of numerous nodes, represented by small circles, some of which are solid grey and others are hollow with a grey outline. These nodes are interconnected by a web of thin, light-grey lines, creating a dense, interconnected pattern that fills the entire background.

Prum statistics

2012

◎ **19** MS were operational in DNA data exchange

- **BG, CZ**, DE, **EE**, ES, FR, **CY, LV, LT**, LU, **HU**, NL, AT, **PL, PT, RO**, SI, **SK, FI**

◎ **14** MS were operational in FP data exchange

- **BG, CZ**, DE, **EE**, ES, FR, **CY, LT**, LU, **HU**, NL, AT, SI, **SK**

2017

◎ **23** MS were operational in DNA data exchange

- **BE**, BG, CZ, **DK**, DE, EE, ES, FR, CY, LV, LT, LU, HU, **MT**, NL, AT, PL, PT, RO, SI, SK, FI, **SE**

◎ **23** MS were operational in FP data exchange

- **BE**, BG, CZ, **DK**, DE, EE, ES, FR, CY, **LV**, LT, LU, HU, **MT**, NL, AT, **PL**, **PT**, **RO**, SI, SK, **FI**, **SE**

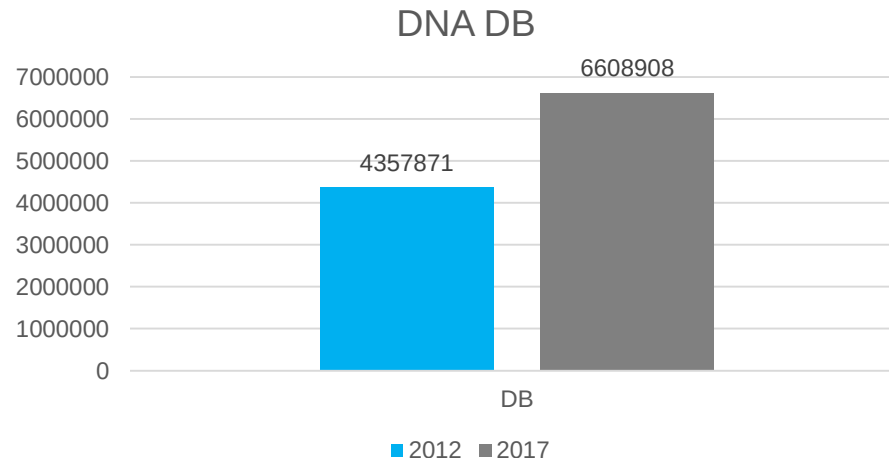
DNA data exchange

© 2012

- 4,37 mil. DNA profiles
- 2,78 mil. out going

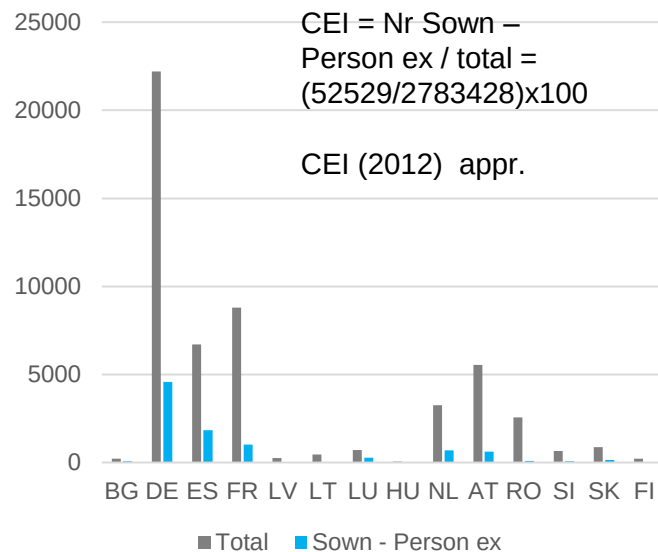
© 2017

- 6,61 mil. DNA profiles
- 914 tis. out going (DE not included)

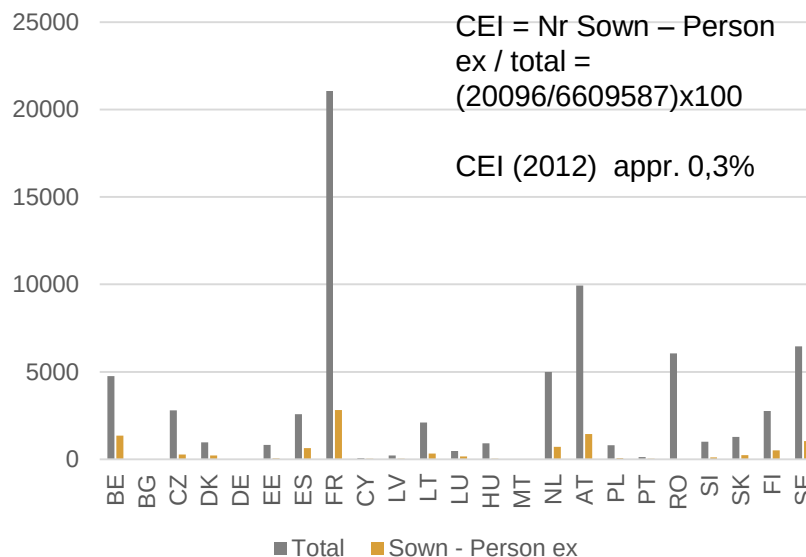


DNA match statistics

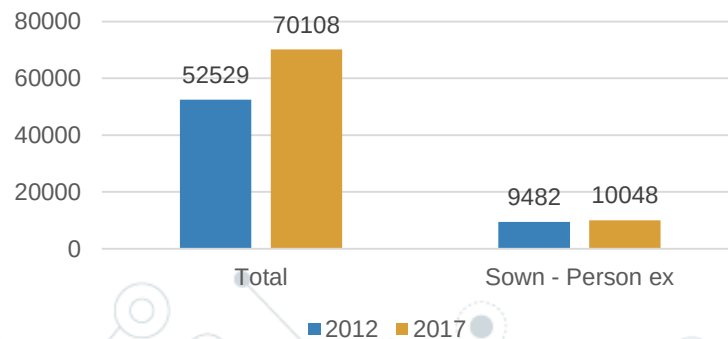
2012



2017



DNA Matches



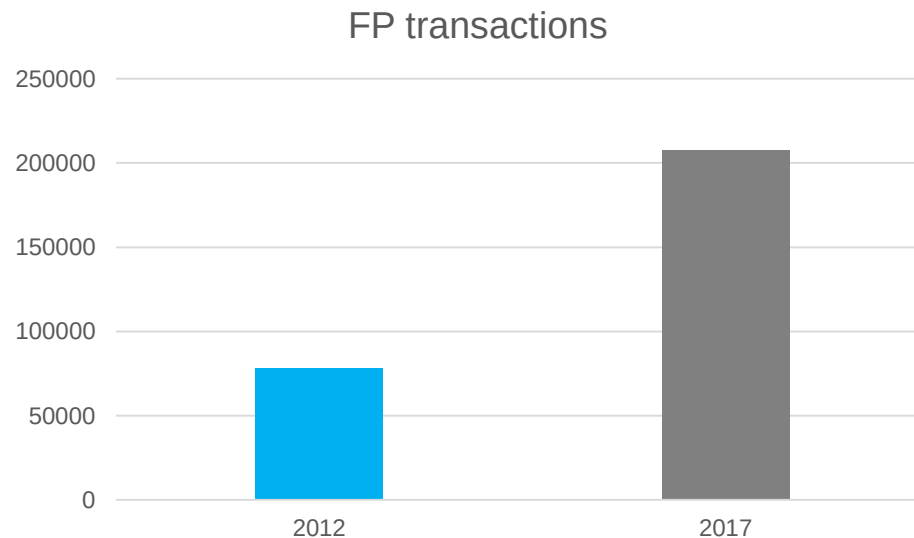
FP data exchange

◎ 2012

- 78.065 FP transactions out going

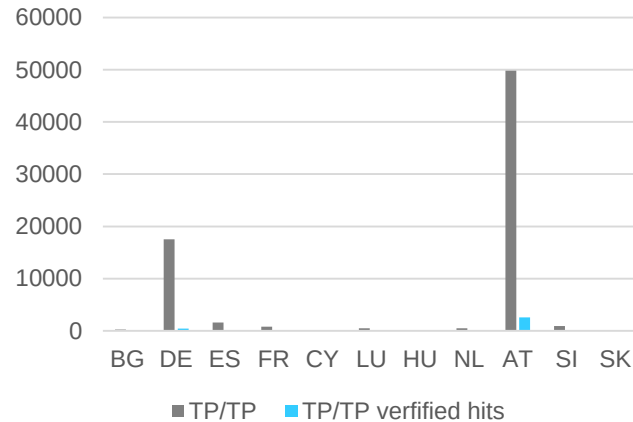
◎ 2017

- 207.735 FP transactions out going

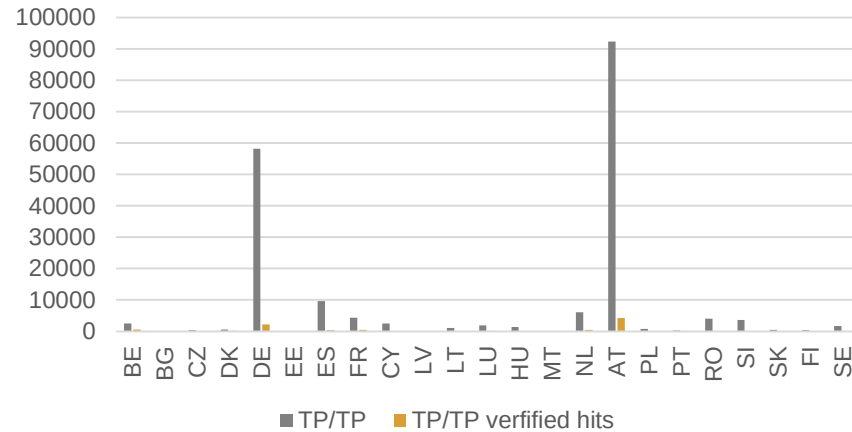


FP HIT statistics

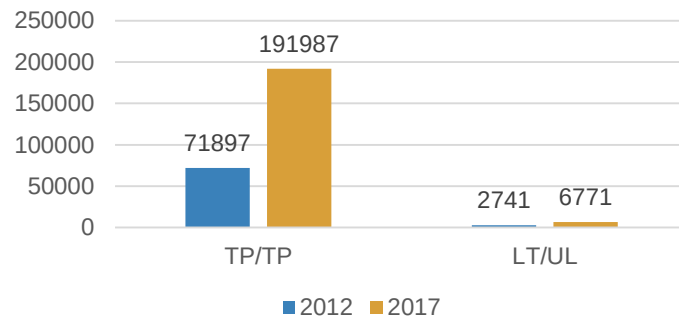
2012



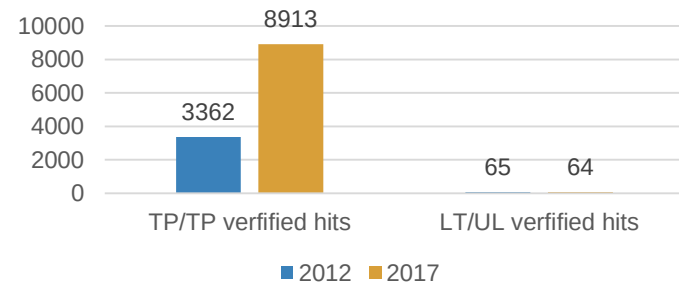
2017



FP transactions outgoing



FP verified HITS



The background of the slide is a light blue-grey color with a complex, repeating pattern of interconnected nodes and lines. The nodes are represented by small circles, some of which are solid grey and others are hollow with a grey outline. These nodes are connected by thin, light grey lines, creating a dense, web-like structure that covers the entire background.

Prum in practice

April 2012

- Interest in buying precious stones and jewellery
- Meeting in Crown Plaza Hotel Bratislava + Hotel Merkur in Bratislava
- Handing over the money - **3.4 million EUR**
- The stones were genuine, money not
- Investigation begins...

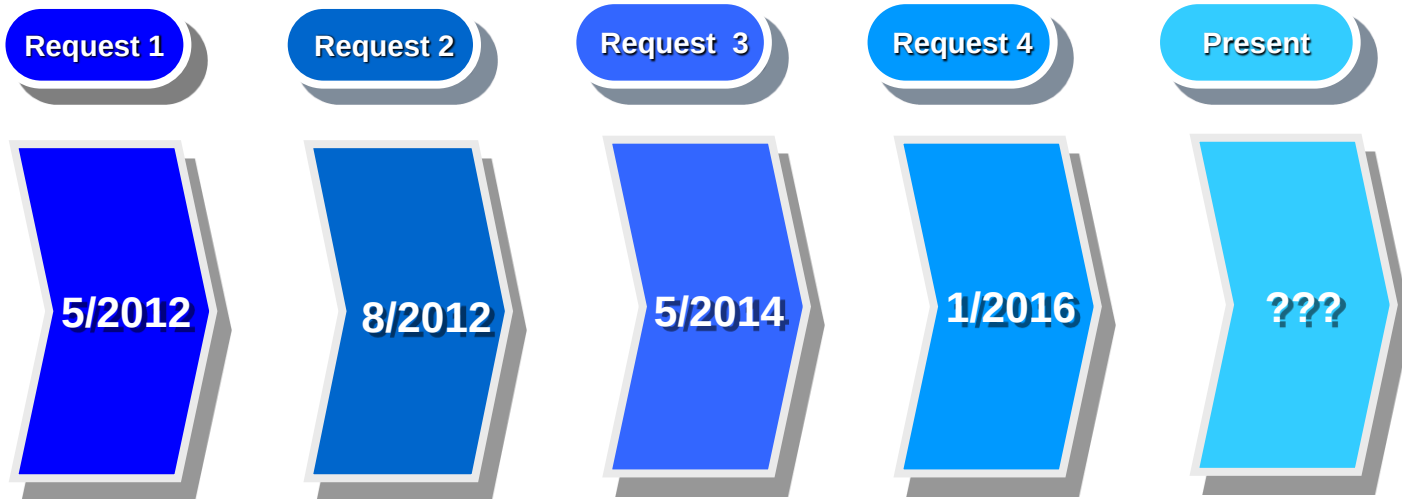


May 2014

- ◎ Request for comparison of fingerprints in PRÜM countries
 - Austria, Germany, France and Spain.
- ◎ Analytical packets of EUROPOL
 - 14 cases with similar “modus operandi”
- ◎ Result:
 - Trace no. DS2LD matches with finger 4-ES,
 - Other traces – NO HIT in databases AT, DE, FR

January 2016

- ◎ Request from Interpol to compare one tenprint card sent from Switzerland
 - **Result = 4 HITs in „jewelry case 2012“**



Summary

- ◎ In 2014 not every country was connected via PRUM
 - **1 HIT in ES**
- ◎ Till 2016 comparison was done via Interpol and Europol channels and from 26 traces 14 HITs were identified.



Prum - next generation

Prum - ng

◎ New Co/operation

- Balkan countries

◎ New Biometry

- Face
- Ballistics

◎ New Technology

- Step 2 follow-up semi automation
- NIST format
- EU domain
- Communication in webservices...



*The only constant in the
technology industry is change*

Mark Benioff



Thanks!

Any questions?

You can find me at: zuzana.nemethova@minv.sk

More reading at:

<https://estudogeral.uc.pt/bitstream/10316/41091/1/Overview%20of%20the%20implementation%20of%20the%20Pr%C3%BCm%20Decisions.pdf>

[http://www.europarl.europa.eu/RegData/etudes/STUD/2018/604971/IPOL_STU\(2018\)604971_EN.pdf](http://www.europarl.europa.eu/RegData/etudes/STUD/2018/604971/IPOL_STU(2018)604971_EN.pdf)