

Kriminalistický ústav

Quo vadis European Forensics?



International exchange of dactyloscopic data and Eurodac system in Czech Republic

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Pomáhat a chránit



● Content

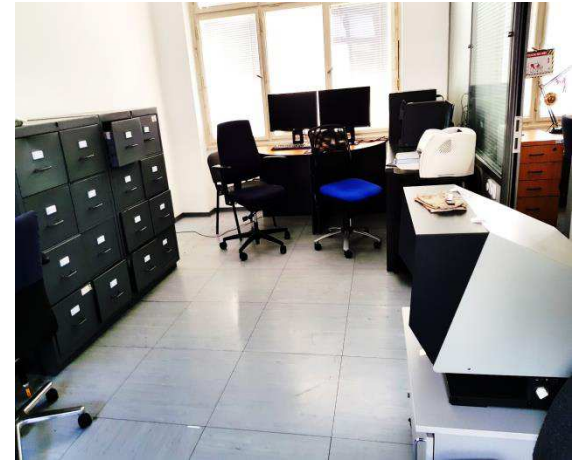
1. INSTITUTE OF CRIMINALISTICS
2. cBIS PROJECT
3. EURODAC
4. PRŮM



1. Institute of Criminalistics

The facility specializing in the following expert activities:

- electrical engineering,
- chemistry,
- forensic sciences
- handwriting analysis
- mechanical engineering



1998 – member of ENFSI

2004 – Eurodac implementation

2011 – Prum implementation



● Department of dactyloscopy

- Section of dactyloscopic identification of persons

TP – Criminal - 100% manually given card

TP – Non Criminal - 95% aquisition electronically

5% manually given card

- Section of indentificaton of latent



Tenprint card processed

National database as at 9/2018

- Criminal **584 902** (palm 522 507)
- No criminal **121 594**
- Latent **60 392**
- Each year on average **18,000** criminal tenprint cards
- Each year on average **7,500** non-criminal tenprint cards
- Non-criminal
- Highest growth before entering of the EU on 1 May 2004
- 2000 – 2003 **80,515**
- 2004 – 9/2018 **101,125**
- Tenprint cards of foreigners are continuously discarded



● Department of dactyloscopy

- Expert activities:

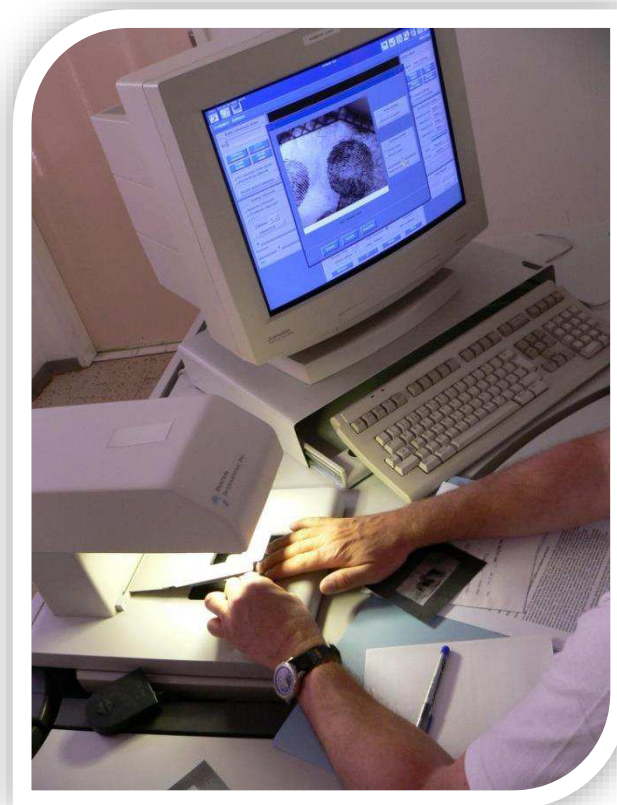
- Institute of Criminalistics
- 8 regional expert departments



Acquisition devices:

24 live scanners

20 expert work stations

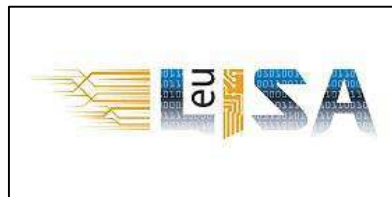


2. AFIS changes to cBIS

- AFIS will be changed to cBIS
- Implementation in 2020
- Fingerprints, face, iris...
- Tattoos and other distinguishing features and special body marks
- Personal data and AIS
- cBIS connectivity to internal/external systems



3. Eurodac



**European Agency for
the operational management
of large-scale IT systems in the area of freedom, security and justice**

- Council Regulation (EC) No. 2725/2000/EC of 11 December 2000 (OJ L 316, 15/12/2000)
- Regulation (EU) 603/2013 of the EU Parliament and EC of 26 June 2013 (applied from 20 July 2015)
- Draft Regulation 2017 (Eurodac Recast)
- Czech Republic implemented the system on 1 May 2004



CZ TRANSACTIONS SENT TO EURODAC CS 2004-2017

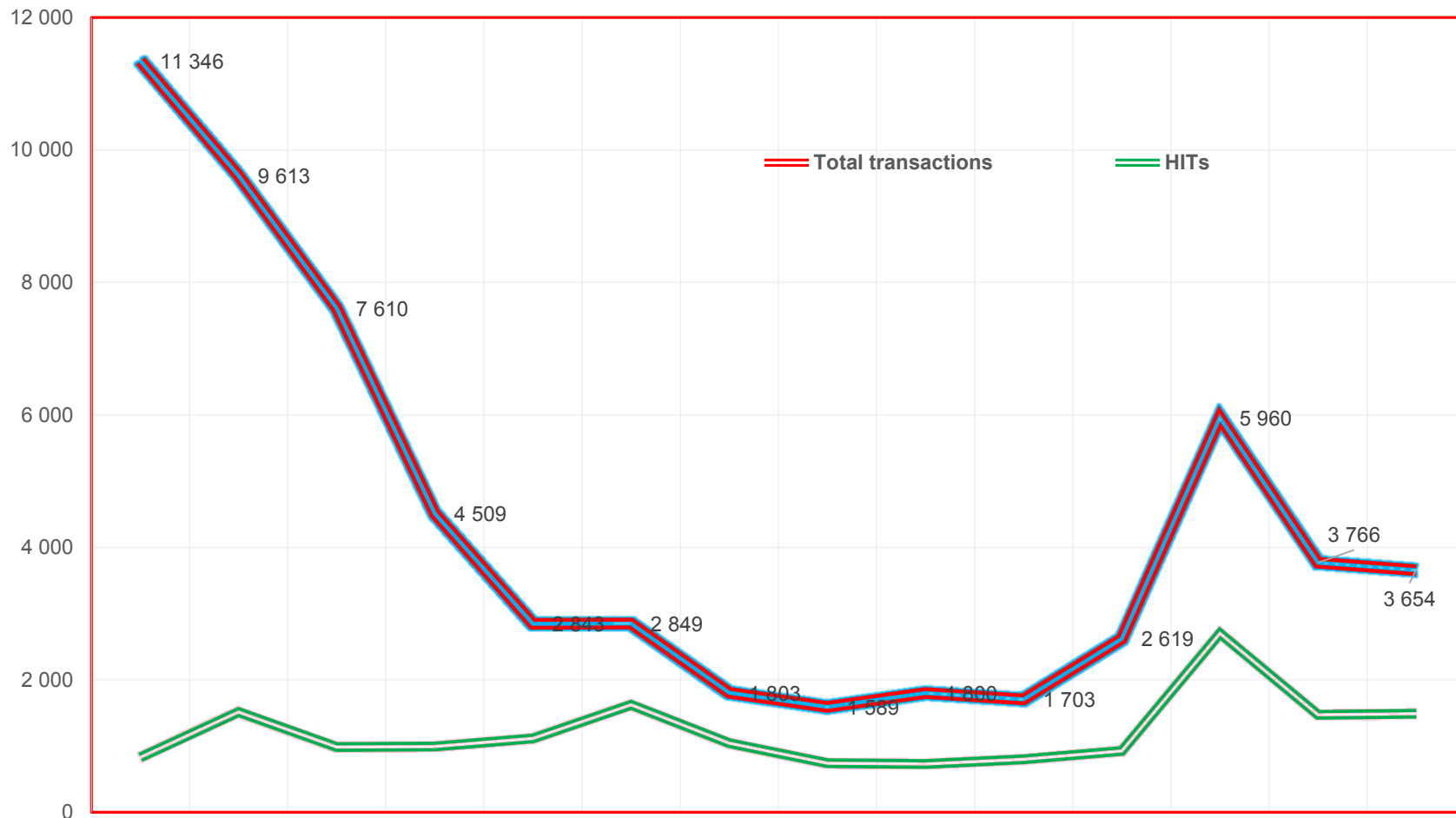
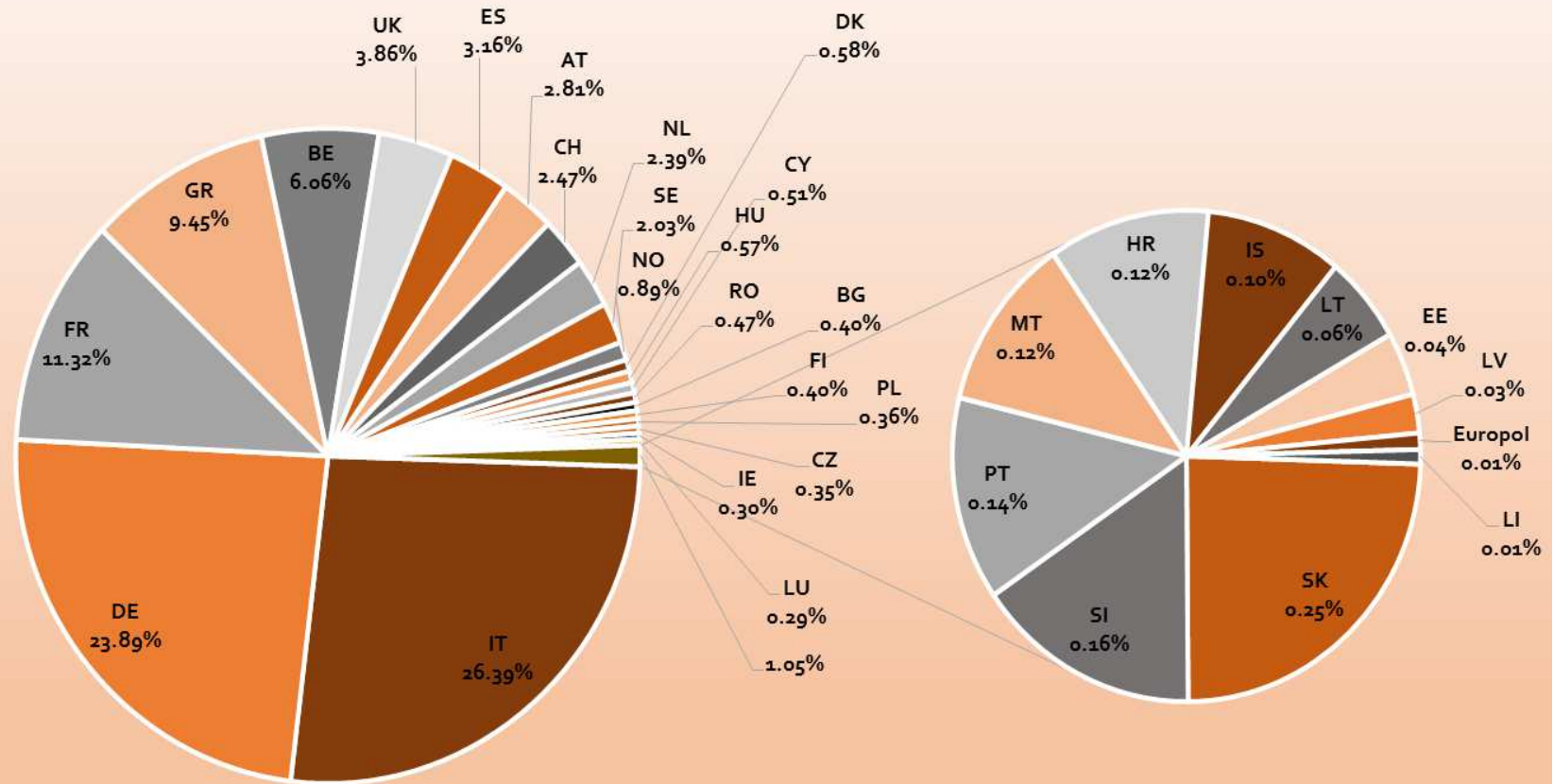


Figure 3: Proportion of processed transaction per user



Processed transactions in Eurodac CS in 2017

MS	Category 1	Category 2	Category 3	Category 4		Category 5 MPS	Total
				CPS	MPS		
AT	15,153	140	13,126	72	4		28,495
BE	13,509	2	47,819				61,330
BG	2,876	336	832				4,044
CH	12,362	1	12,675				25,038
CY	3,614	1,227	325	6	8		5,180
CZ	1,219	4	2,287				3,510
DE	189,057	1,543	50,814	156	269		241,839
DK	3,319	2	2,515				5,836
EE	108	2	333				443
ES	19,907	11,003	1,115	1			32,026
Europol						114	114
FI	3,878		150		1		4,029
FR	97,029	529	17,041	1			114,600
GR	46,098	27,585	21,985	1			95,669
HR	954	220	6				1,180
HU	2,356	1,219	2,223	2			5,800
IE	2,880	121					3,001
IS	920	3	82				1,005
IT	135,146	115,835	16,207				267,188
LI	100						100
LT	387	7	218				612
LU	2,014	2	957				2,973
LV	264		6				270
MT	1,217	4					1,221
NL	17,403	215	6,534	6	11		24,169
NO	2,816	53	6,190				9,059
PL	2,611	59	956		3		3,629
PT	1,334		87				1,421
RO	3,591	469	723	8			4,791
SE	19,337	18	1,192	1			20,548
SI	1,313		332				1,645
SK	149	17	2,414				2,580
UK	30,403	200	8,517				39,120
Total	633,324	160,816	217,661	254	296	114	1,012,465

MS	Category 1	Category 2	Total
AT	200,328	206	200,534
BE	186,377	1	186,378
BG	53,194	1,227	54,421
CH	164,334	0	164,334
CY	19,606	1,327	20,933
CZ	9,186	3	9,189
DE	1,573,330	1,878	1,575,208
DK	66,679	0	66,679
EE	740	3	743
ES	55,426	13,424	68,850
FI	53,561	0	53,561
FR	484,530	528	485,058
GR	182,833	54,476	237,309
HR	2,824	217	3,041
HU	184,857	2,569	187,426
IE	18,504	121	18,625
IS	2,552	3	2,555
IT	585,373	224,316	809,689
LI	388	0	388
LT	3,009	24	3,033
LU	11,323	4	11,327
LV	1,806	0	1,806
MT	9,739	6	9,745
NL	164,811	271	165,082
NO	95,404	115	95,519
PL	54,937	83	55,020
PT	4,642	0	4,642
RO	15,114	462	15,576
SE	378,577	21	378,598
SI	4,013	0	4,013
SK	3,709	17	3,726
UK	268,267	360	268,627
Total	4,859,973	301,662	5,161,635



Eurodac Reform 1/2

a new legal proposal for Eurodac is being negotiated. A major functional Eurodac evolution of Eurodac will be implemented upon approval of this proposal.

- Eurodac currently used :

CAT1 - applicant for international protection

CAT2 - irregular crossing of external border

CAT3 - illegally staying in MS

CAT4 - request of LEA

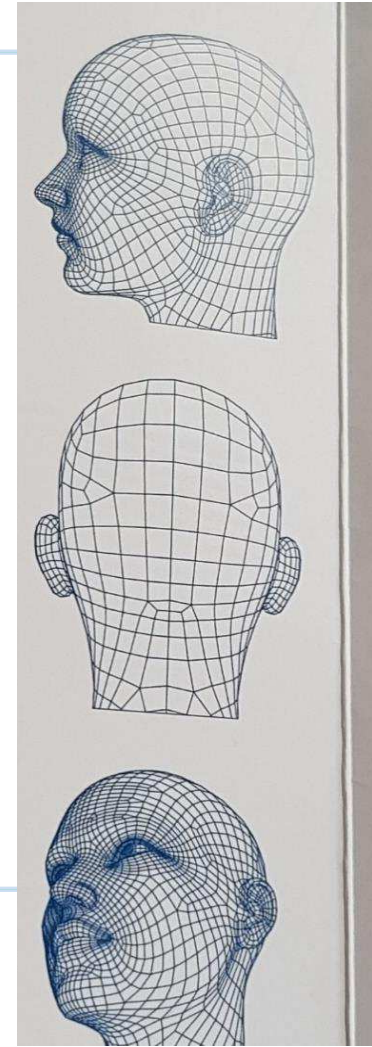
CAT5 - request of Europol

CAT9 - special search

CAT ?? - relocation of person – a future categorie



Eurodac Reform 2/2



- **FP - taken from 6 years of age**
- **Take a photo of a person**
- **Implementation of face application**
- **More descriptors**
- **Access for LEA to make search of descriptors**
- **FP search - all categories x all categories**
- **Person relocation**

➤ **Storage length:**

K1 – 10 years

K2, K3 – 5 years



4. PRUM



- Council Decision 2008/615/JHA of 23 June 2008, on the stepping up of cross-border cooperation, particularly in combating terrorism and cross-border crime
- Council Decision 2008/616/JHA of 23 June 2008, on the Implementation of Decision 2008/615/JHA, on stepping up of cross-border cooperation, particularly in combating terrorism and cross-border crime
- Council Framework Decision 2006/960/JHA of 18 December, **on the launch of automatic data exchange with regard to dactyloscopic data in the Czech Republic**



Czech Republic and MS – operational status

- **Czech Republic is operational with:**

AT, BE, BG, CY, DE, EE, ES, HU,FR, LT,LU,NL, PL, RO, SE, SI, SK, MT, PT,FI,SE,DK (21)



- **Sucessfull pilot project testing with:**

EL, HR (2)



Curently are operational with 22 MS within EU.

We should contact LV (1)



- **Non-operational member states:**

IE, IT, UK (3)



1. Who sends FP and makes verification?

1st step

2. Follow up consultation procedure after HIT notification

2nd step

Institute of
Criminalistics

P.O.Box 62/KÚP

Strojnická 27

170 89 Praha 7

Police Presidium
Department of Police
Cooperation
Strojnická 27
170 89 Praha 7

Requested police units receive confirmed HIT in a form of AFIS ID

“NL-310001947328ZZ313400279255-001-4490035 “ **NO PERSONAL
DATA**



Outgoing requests from Czech Republic in 2017

	TP/TP		LT/UL -- LP/ULP		LP/PP -- LT/TP		TP/UL -- PP/ULP	
	sent	verified hit	sent	verified hits	sent	verified hits	sent	verified hits
BE	17	0	13	0	13	0	17	0
BG	17	0	13	0	13	0	17	0
CZ	0	0	0	0	0	0	0	0
DK	0	0	0	0	0	0	0	0
DE	18	1	14	0	14	0	18	0
EE	18	0	13	0	13	0	18	0
EL	0	0	0	0	0	0	0	0
ES	17	3	13	0	13	0	17	0
FR	17	2	13	0	13	0	17	0
CY	17	0	13	0	13	0	17	0
LV	0	0	0	0	0	0	0	0
LT	18	1	13	0	13	0	18	0
LU	17	0	13	0	13	0	17	0
HU	17	0	13	0	13	0	17	0
MT	0	0	0	0	0	0	0	0
NL	17	0	13	0	13	0	17	0
AT	18	1	14	0	14	0	18	0
PL	18	0	15	0	15	0	18	0
PT	0	0	0	0	0	0	0	0
RO	17	2	13	0	13	0	17	0
SI	17	0	13	0	13	0	17	0
SK	34	2	16	0	16	1	34	0
FI	0	0	0	0	0	0	0	0
SE	17	0	13	0	13	0	17	0



01-08/2018

**Total 18 requests of search type TPxTP,
inciatiated 570 transakctions
and verified 17 HITs.**

- Crime – Illegal production and other handling of narcotics
- Corpses of unidentified body
- Fraud, extortion
- Buglary, theft

HITs with:
6 - AT,
3 - SK,
2 – DE, NL,
1 – BE, HU, PL, SI



Next Generation Prüm

- 2018/2019 - all MS operational
- Revising Decision 2008/615/JHA and Decision 2008/615/JHA after 10 years
- Austria “Prüm like contract”
Fully automated/semi automated personal data exchange
- Face application
- Europol search AFIS MS



What could help?

- Implementation of next type of biometric identification
- Systematic biometric cross checks against all national recorded data types (asylum, illegal migration, illegal border crossing, criminals, crime scene latents)



- Change of legislation, technical connectivity between national and international databases.
- Each authority (NON LEA as well LEA) has to attempt a correct identification and further make a correct decision. This helps to protect the Schengen area

Thank you for your attention

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