



INTERPOL

INTERPOL Face Recognition System (IFRS) and Operations

November 2018

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Lyon

Singapore



INTERPOL'S VISION AND MISSION

THE VISION – what INTERPOL aspires to achieve

"Connecting police for a safer world"

THE MISSION - what INTERPOL does to achieve its vision

"Preventing and fighting crime through enhanced cooperation and innovation on police and security matters"

STRATEGIC PLAN FOR THE USE OF BIOMETRIC TECHNOLOGIES

Envisaged uses for member countries based on the survey

Identify

- Fugitives
- Missing person
- Unidentified bodies

Track

- Subject movements to or from critical events

Verify

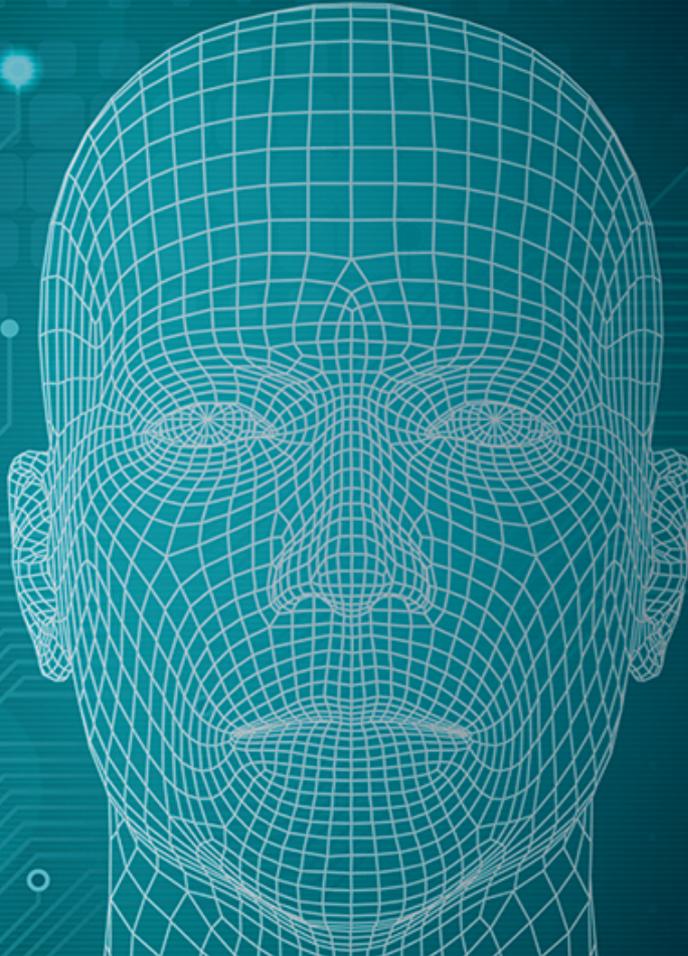
- Identity of suspects/ illegal immigrants
- Received Mug Shots (1:1 comparison)

Link

- Unsolved crimes and ongoing investigations



Official Launch 28th November 2016



LAUNCH OF INTERPOL FACIAL RECOGNITION SYSTEM (IFRS)

MORE INFORMATION ON
"MY INTERPOL"

The Legal Requirement

Written authorisation from member countries search and store their images in the facial recognition database.

- 179 countries have given approval.
- Only 3 countries have replied negatively

- A) Identify Fugitives and missing persons.
- B) Identify Unknown persons of interest.
- C) Verify persons against our database.



**80 countries have less than
10 images in the IFRS**

Face Image Quality Control

A software is installed to assist with quality control

- Evaluates Pixel distance between eyes
- Examines Sharpness level of the images



**Inter – pupil distance
for INTERPOL Face Recognition System
is a minimum of 40 pixels**

- Any image failing the pixel distance is not inserted into the database.
- Images with sufficient pixel distance are then manually checked.

Statistics

- More than 60,000 images are now in IFRS database.
- Images belonging to over 58,000 individuals.
- Average 150 images per day for Notice and Diffusion requests including 20 urgent search requests per day.
- In the first year of service, 11500 individual searches made resulting in 56 “Potential Candidates”.
- **This year (Until 26th of Nov.), more than 17600 individual searches made resulting in 241 “Potential Candidates”.**

Case study- First Success Story

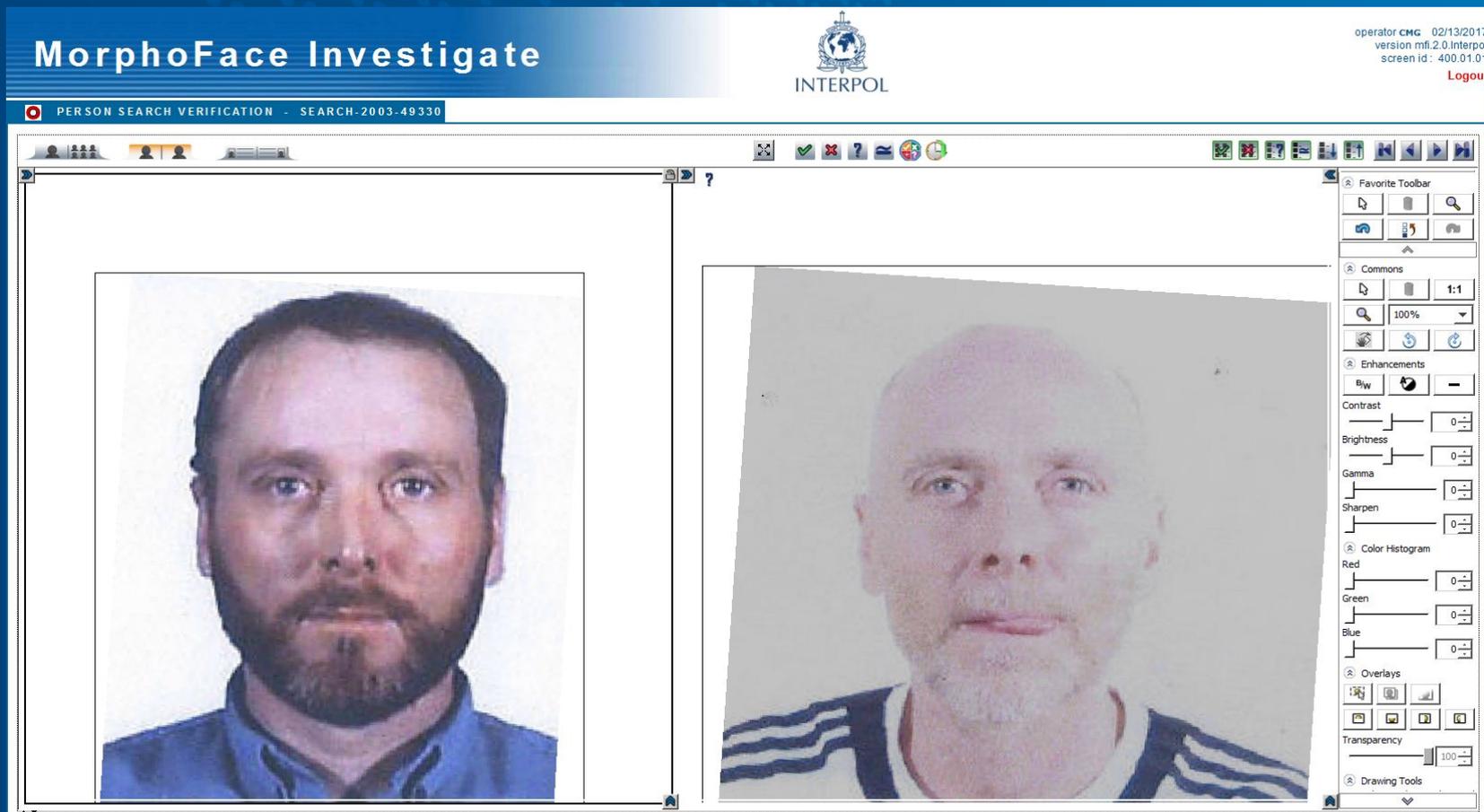


**2003/49330 LOHRMANN
RODOLFO JOSE**

- Rodolfo Jose LOHRMANN
- Kidnapping of a minor, received ransom 277,000 usd and victim was never released/found.
- Red Notice from Argentina issued in 2003.
- Argentina's most wanted criminal since 2003.

Case study- First Success Story

The photo of LOHRMANN (Red Notice / Argentina) was searched in the INTERPOL Face Recognition System.

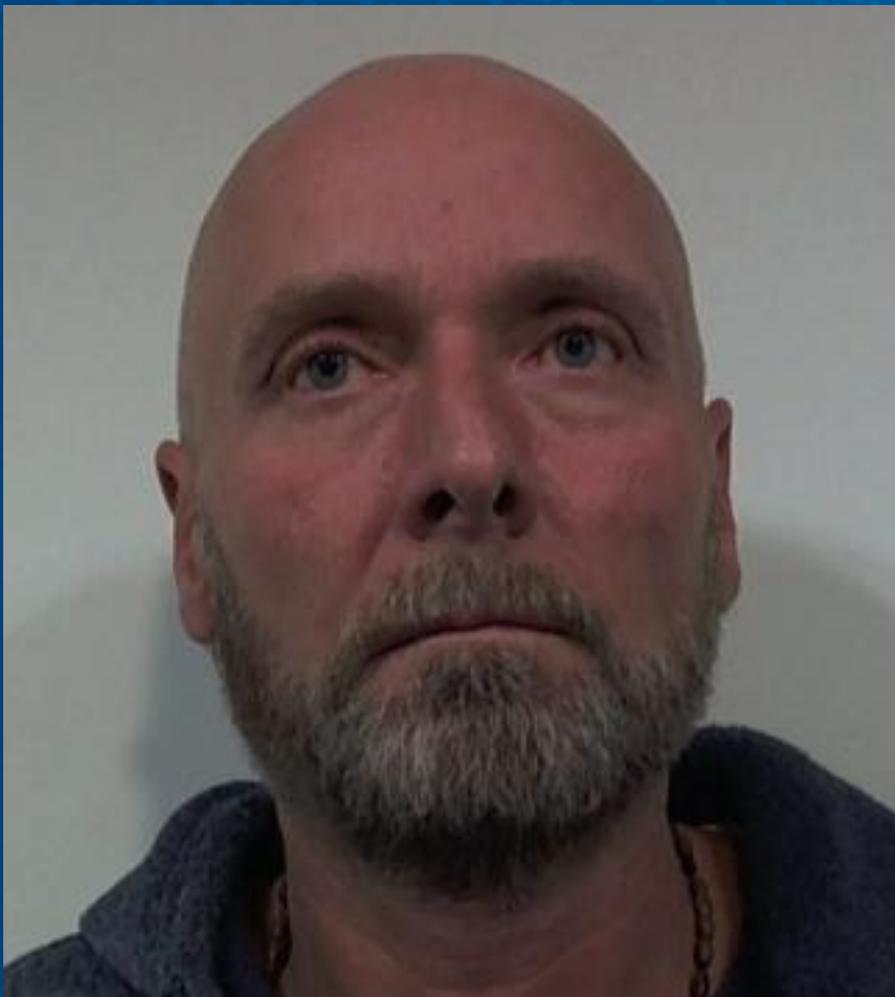


Face Recognition- First Success Story



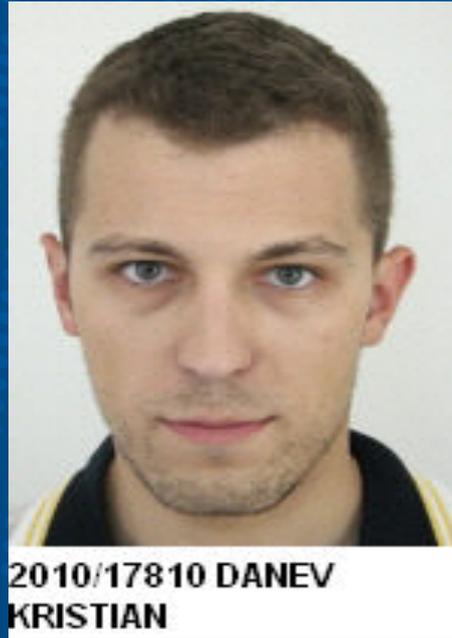
- Jose Luis GUEVARA MARTINEZ, holder of Guatemalan passport.
- Convicted of Armed Robbery in Bulgaria in 2012 - escaped prison in 2014.
- Diffusion issued by Bulgaria (Only a photo of the subject sent to INTERPOL, no fingerprints).

Case study- First Success Story



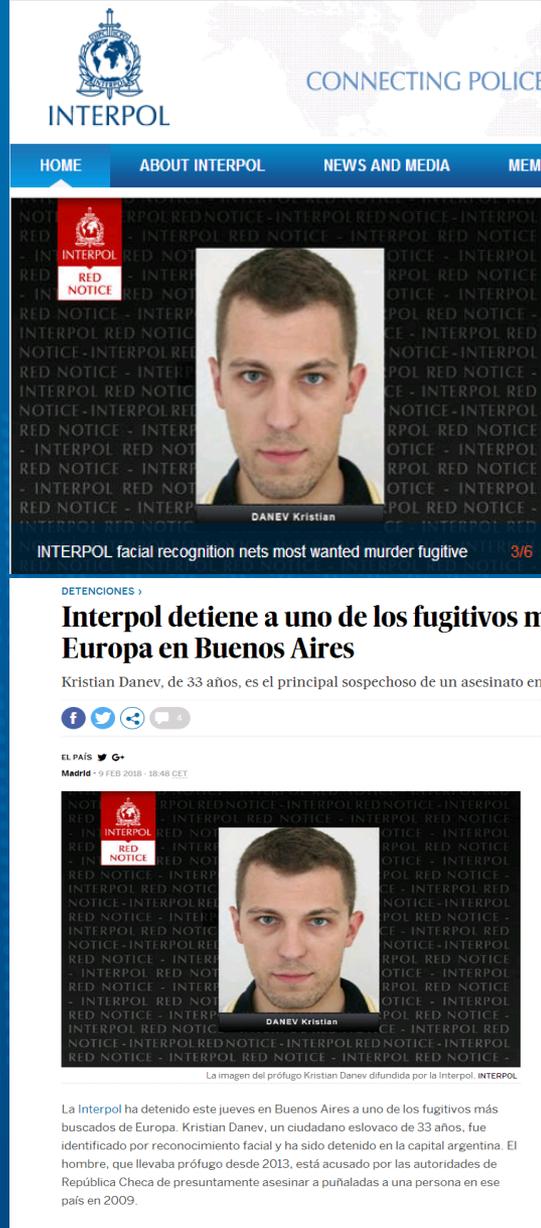
- Jose Luis GUEVARA MARTINEZ
- November 2016, Arrested in Portugal for conspiracy to commit Armed Robbery.
- Biometrics (Fingerprints, Photo and DNA) taken and submitted to INTERPOL.
- Fingerprints confirm he is Rodolfo Jose LOHRMANN wanted on the Red Notice issued by Argentina.

Success Story



February 2018: Possibly located in Argentina → new photo received from NCB Buenos Aires
 → Potential candidate confirmed by INTERPOL Facial unit
 → **ARRESTED** in Argentina the next day
Since 2008: **Wanted** for murder by Czech Republic
 Red notice - **Only photo received**

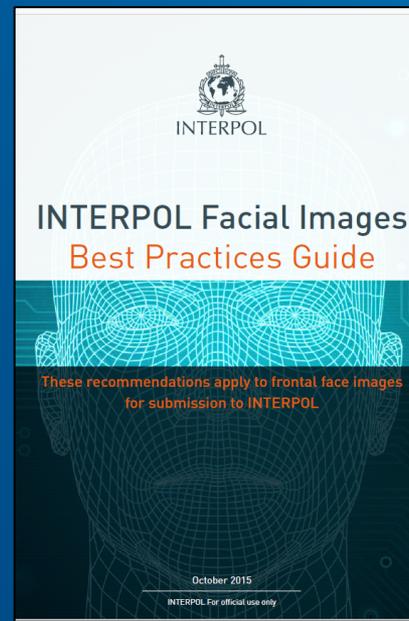
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The screenshot shows the INTERPOL website interface. At the top, the INTERPOL logo and the tagline "CONNECTING POLICE" are visible. Below the navigation bar, there is a section titled "INTERPOL facial recognition nets most wanted murder fugitive" with a "3/6" indicator. The main article is titled "Interpol detiene a uno de los fugitivos más buscados de Europa en Buenos Aires" and includes a sub-headline "Kristian Danev, de 33 años, es el principal sospechoso de un asesinato en". The article text mentions that Danev is a 33-year-old Slovak citizen who has been on the run since 2013 and is accused of a murder in the Czech Republic in 2009. A social media sharing bar is visible below the article title, and a small image of the fugitive is shown within the article content.

Develop and promote standards

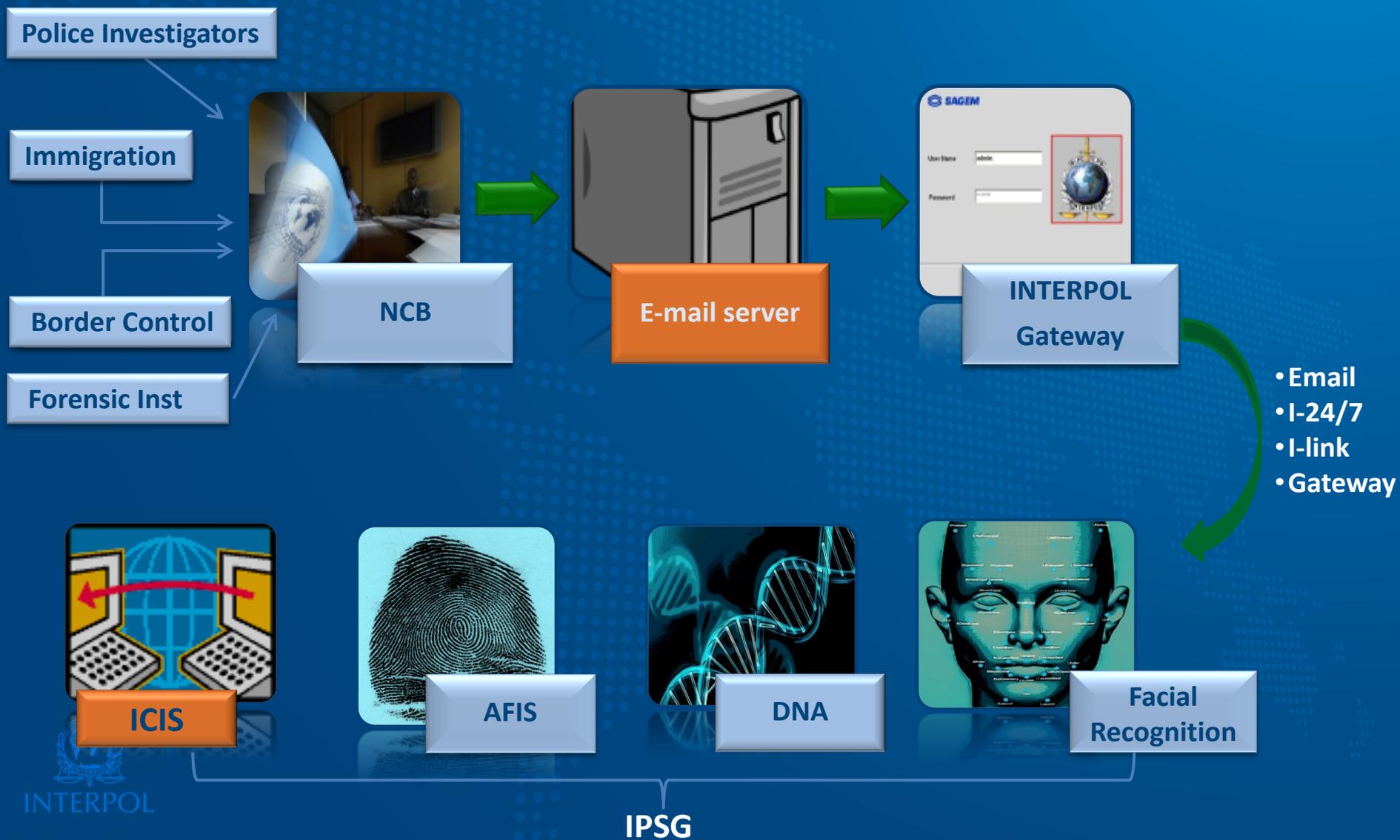
- Active participation in Expert Working groups
- Publication of a Best Practice Guide in 4 official languages
- Organization of the Face and Fingerprint Symposium every 2 years (November 2019)



2018 - 2019

- ✓ Call for interest (Fingerprints, Face and DNA)
- ✓ More images and videos from border control and FTF
- ✓ More data collection of prisoners
- ✓ Contact countries to increase the quality and quantity of photos
- ✓ Biometric hub

Sharing & Using data by INTERPOL Member Countries



INTERPOL IRT

August 2014

Mali, Bamako, central prison

10 YEARS OF INTERNATIONAL POLICE COOPERATION

Search: Keyword English

WANTED PERSONS
MISSING PERSONS
INTERPOL WORLDWIDE

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11 September 2014

Terrorist suspect wanted by Algeria found in Malian jail following checks via INTERPOL

LYON, France – A terrorist suspect wanted by Algeria and subject of an INTERPOL Red Notice has been found in a Malian jail under a false name after checks against INTERPOL's databases revealed his true identity.

The 25-year-old, who is now awaiting extradition to Algeria, was among 96 people arrested in a counter-terrorism operation in Mali. An INTERPOL Incident Response Team (IRT) was deployed to Bamako at the request of Malian authorities to help identify the prisoners and run checks against 13 seized weapons as well as mobile phones and laptops.

Following training on biometric devices, Mali's Gendarmerie fingerprinted, photographed and iris-scanned the prisoners, with the data then sent to the INTERPOL National Central Bureau (NCB) in Bamako for checking against INTERPOL's global databases.

Checks against INTERPOL's fingerprint database revealed a match to an individual recorded under a different name as the subject of a Red Notice issued at the request of Algeria.

In addition, more than 400 gigabytes of data have so far been extracted from the phones and laptops including contact details for nearly 3,000 people including some 900 foreigners, which have been passed on to the NCBs of the concerned countries for further investigation.

The IRT deployment and ongoing assistance was the focus of today's meeting at the INTERPOL General Secretariat headquarters between INTERPOL Secretary General Ronald K. Noble and a delegation from Mali headed by Karim Keita, Chairman of the country's National Defence, Security

SEE ALSO



HIT with Red Notice



terrorist wanted by Algeria / different ID

August 2014 - IRT

Mali, Bamako, central prison

Unknown in INTERPOL AFIS



13 March 2016

Grand Bassam, Cote d'Ivoire

Terrorist attack – 18 dead



Biometric package



ROLLED IMPRESSIONS - EMPRENTES ROULEES - HUELLAS RODADAS				
1. Right thumb Derecha pulgar Pulgar derecho	2. Right index finger Derecha dedo índice Dedo índice	3. Right middle finger Derecha dedo medio Dedo medio	4. Right ring finger Derecha dedo anillo Dedo anillo	5. Right little finger Derecha dedo meñique Dedo meñique
6. Left thumb Izquierda pulgar Pulgar izquierdo	7. Left index finger Izquierda dedo índice Dedo índice	8. Left middle finger Izquierda dedo medio Dedo medio	9. Left ring finger Izquierda dedo anillo Dedo anillo	10. Left little finger Izquierda dedo meñique Dedo meñique

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Questions ?

