

INNOVATRICS ABIS 7



Government ABIS

▼ Duplicates



11 of 11



No Match



Update



Archive



Suspect



Reject

Highlight values:



Matching



Different

A 47 Duplicate

I 47 Duplicate

A 46 Master

I 46 Unique

Hittist ID:

11 / 11

Register Context:

Show

Matching Fingerprints:



10/10

Fused Score:



100

Fingerprint Score:



100

Portrait Score:



6.5

Iris Score:



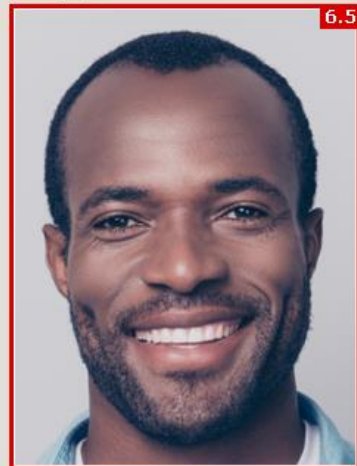
15

Matching Text Data:



Ab 4/20

Photograph:



Given Names:

Frank

Surname:

Porter

Nationality:

Czech Republic

Gender:

Male

Date of Birth:

06/09/1976

Personal No.:

93752602659717439

Personal No. 2:

41842686320766392

Branch:

Trenčín

Date of Expiry:

23/01/2023

Date of Issue:

17/05/2014

Address Line 1:

2 Howard Rd.

Address Line 2:

Brooklyn, NY 1120

Surname at Birth:

Porter

Place of Birth:

Parks Mills, Oreg.

Country of Origin:

Slovakia

District of Origin:

Prešovský

Country:

Czech Republic

Photograph:



Given Names:

Santiago

Surname:

Farmer

Nationality:

United Kingdom

Gender:

Male

Date of Birth:

11/01/1981

Personal No.:

14907494376362628

Personal No. 2:

40870850934818299

Branch:

Prešov

Date of Expiry:

28/07/2021

Date of Issue:

21/04/2014

Address Line 1:

97 Smith Street

Address Line 2:

Bronx, NY 10453

Surname at Birth:

Farmer

Place of Birth:

Lakefield, Quebec

Country of Origin:

Slovakia

District of Origin:

Banskobystrický

Country:

Hungary

Signature:



Signature:



Enterprise ABIS



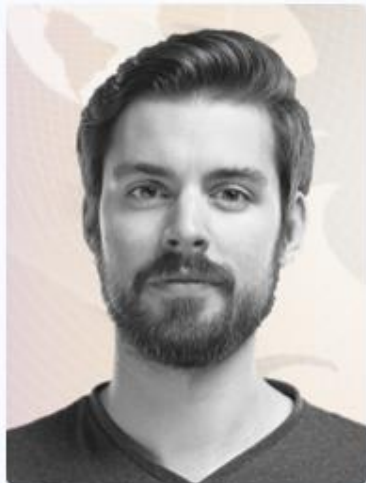
1 Capture ID

2 Review Details

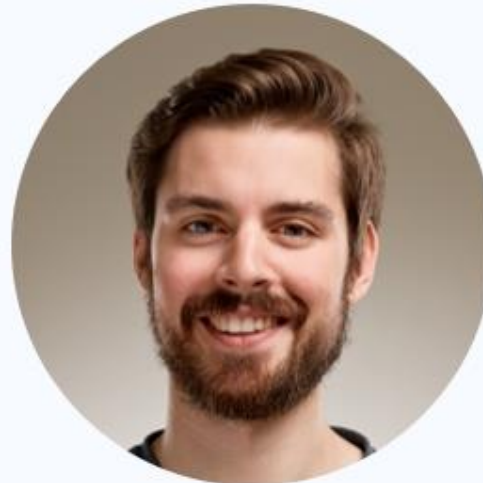
3 Take a Selfie

4 **Verify Identity**
See if your face matches your ID picture

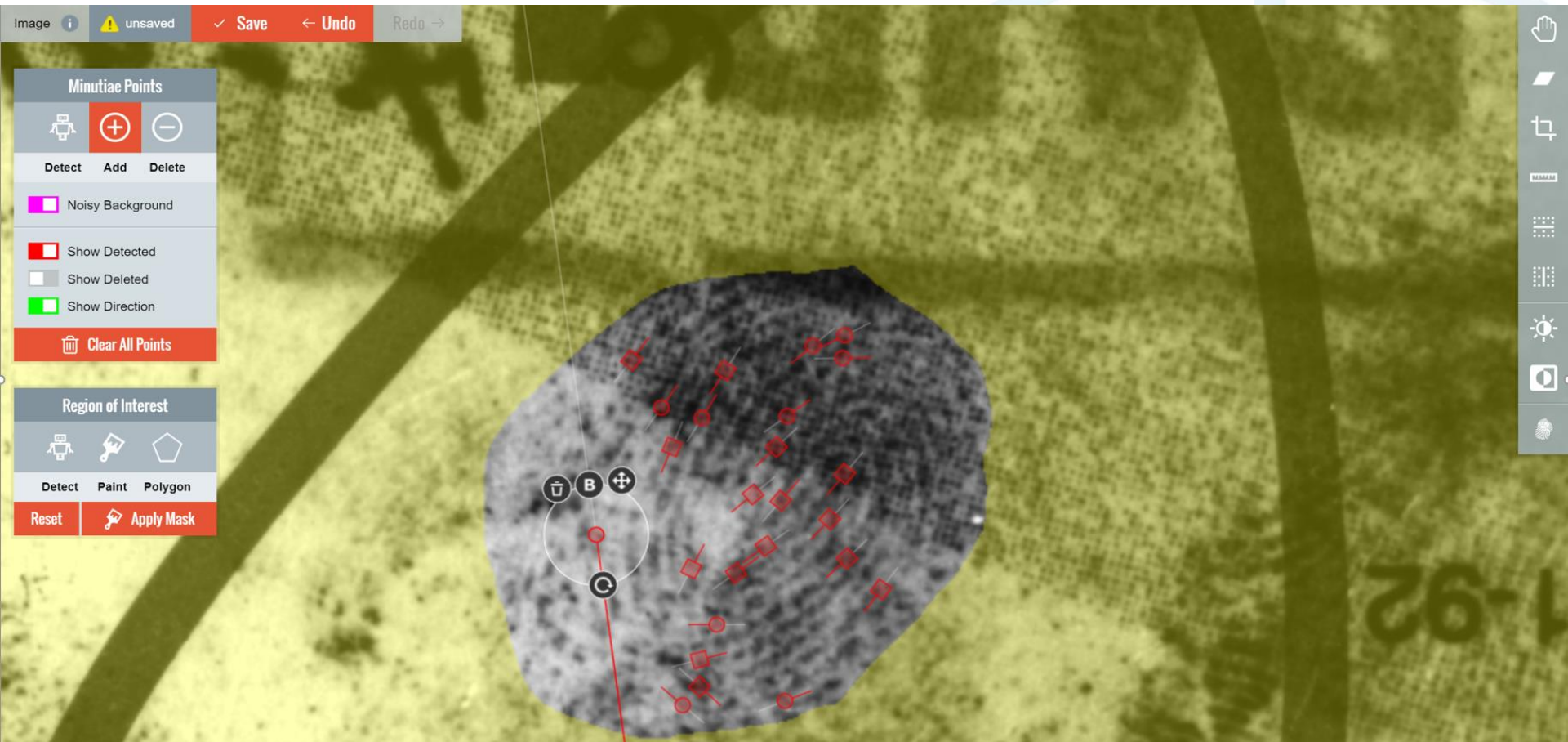
ID Card



Selfie



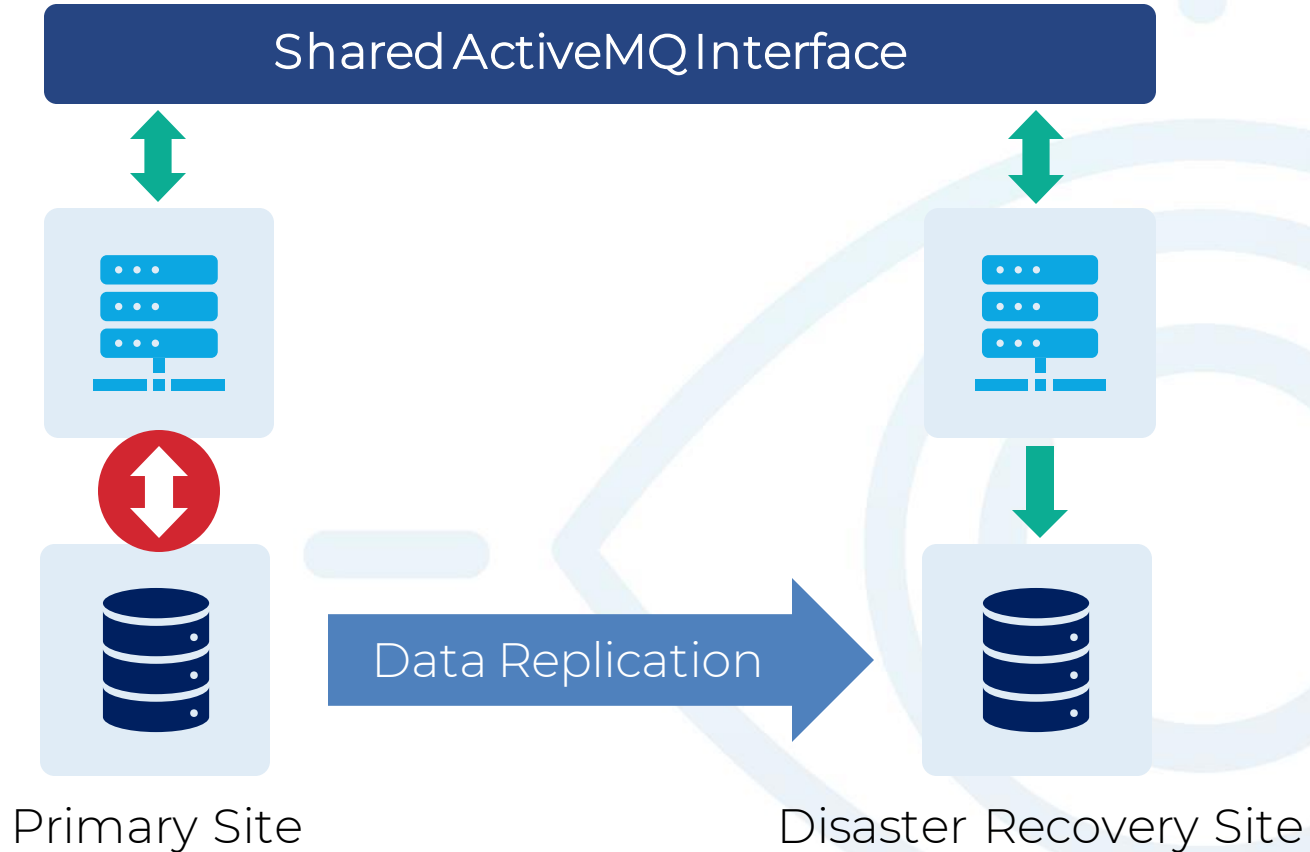
Law Enforcement ABIS



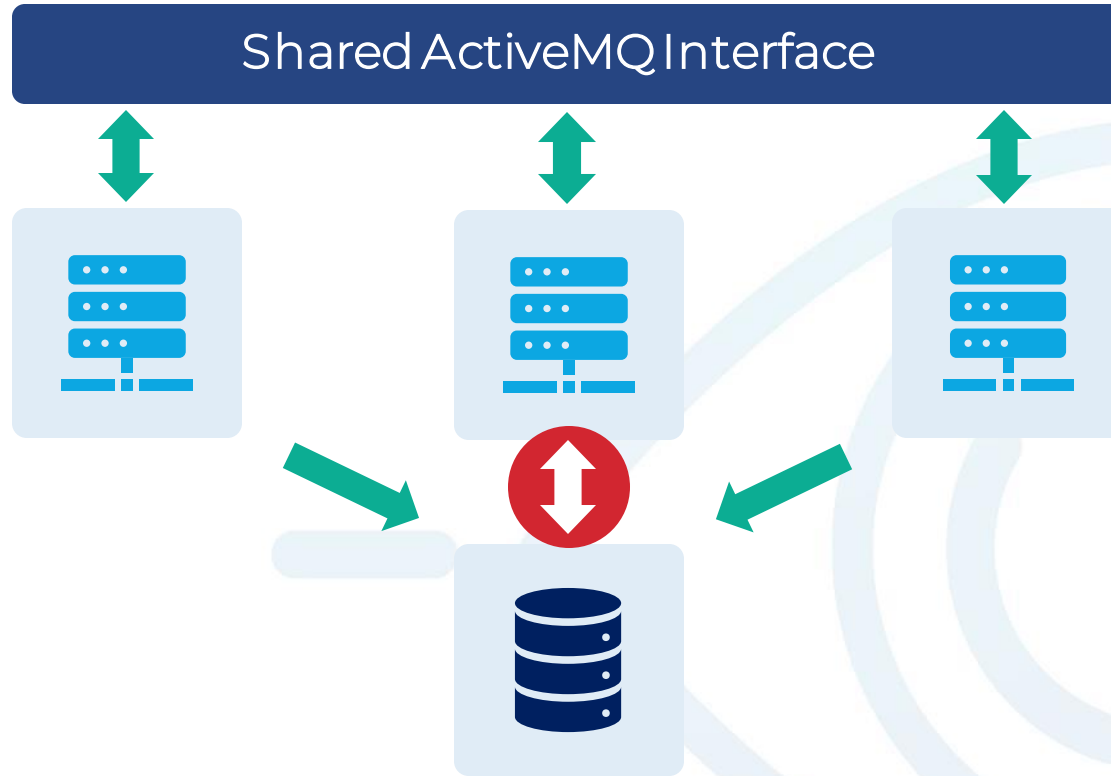
Innovatrics A(F)BIS Milestones



ABIS 7 Active-active Deployment



ABIS 7 Active-active Deployment

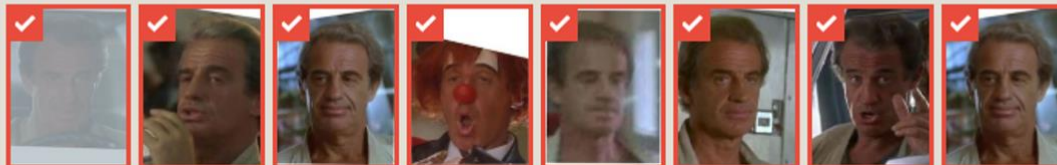


Single Site Deployment

Face Search from Video and Photo(s)

< New search

Person Found



▶ Select All ▶ Deselect

8 faces selected

Find in AFIS

Matched Applicants



▶ Detail ▶ Adjudicate

Name: Jean-Paul Belmondo
Status: A 74136 ✓ Master



▶ Detail ▶ Adjudicate

Name: Jean-Paul Belmondo
Status: A 74493 ✓ Master



▶ Detail ▶ Adjudicate

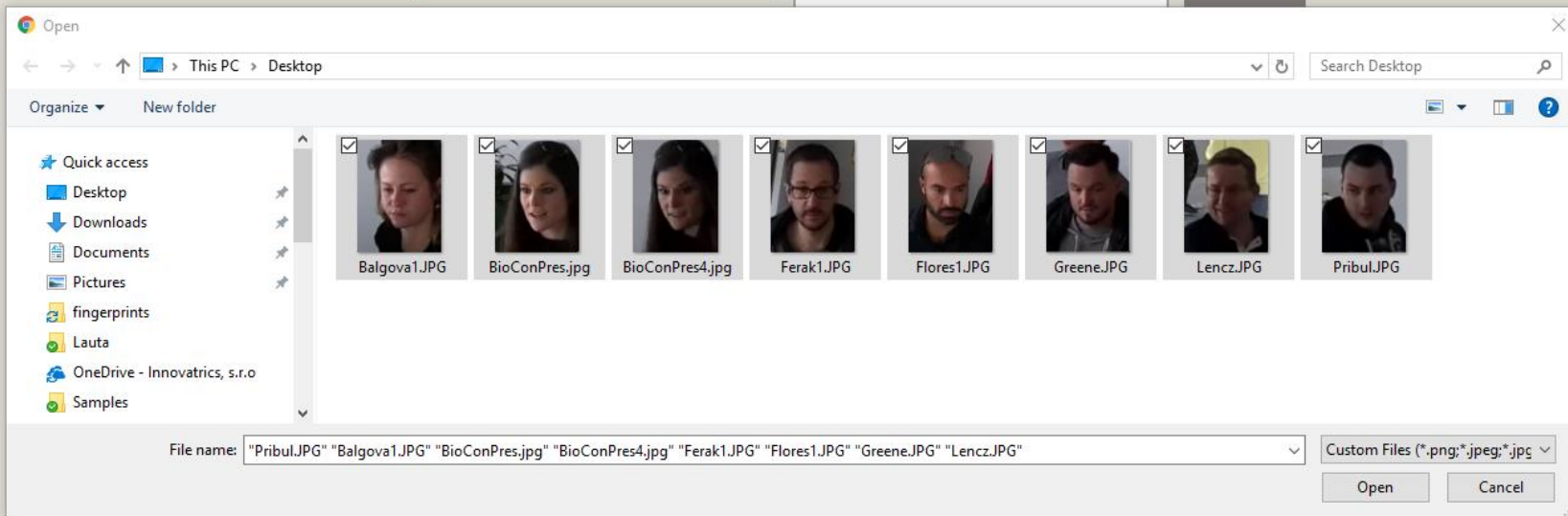
Name: Jean-Paul Belmondo
Status: A 74514 ✓ Master

Face Search from Video and Photo(s)

< New search

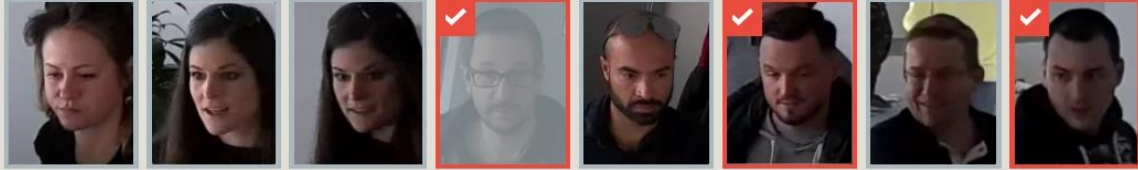
Upload Video:

Browse



< New search

Person Found



▶ Select all ▶ Deselect

3 faces selected

Find in AFIS

Matched Applicants



▶ Detail ▶ Adjudicate

Name: Milton Meyer
Status: A 78 ✓ Master



▶ Detail ▶ Adjudicate

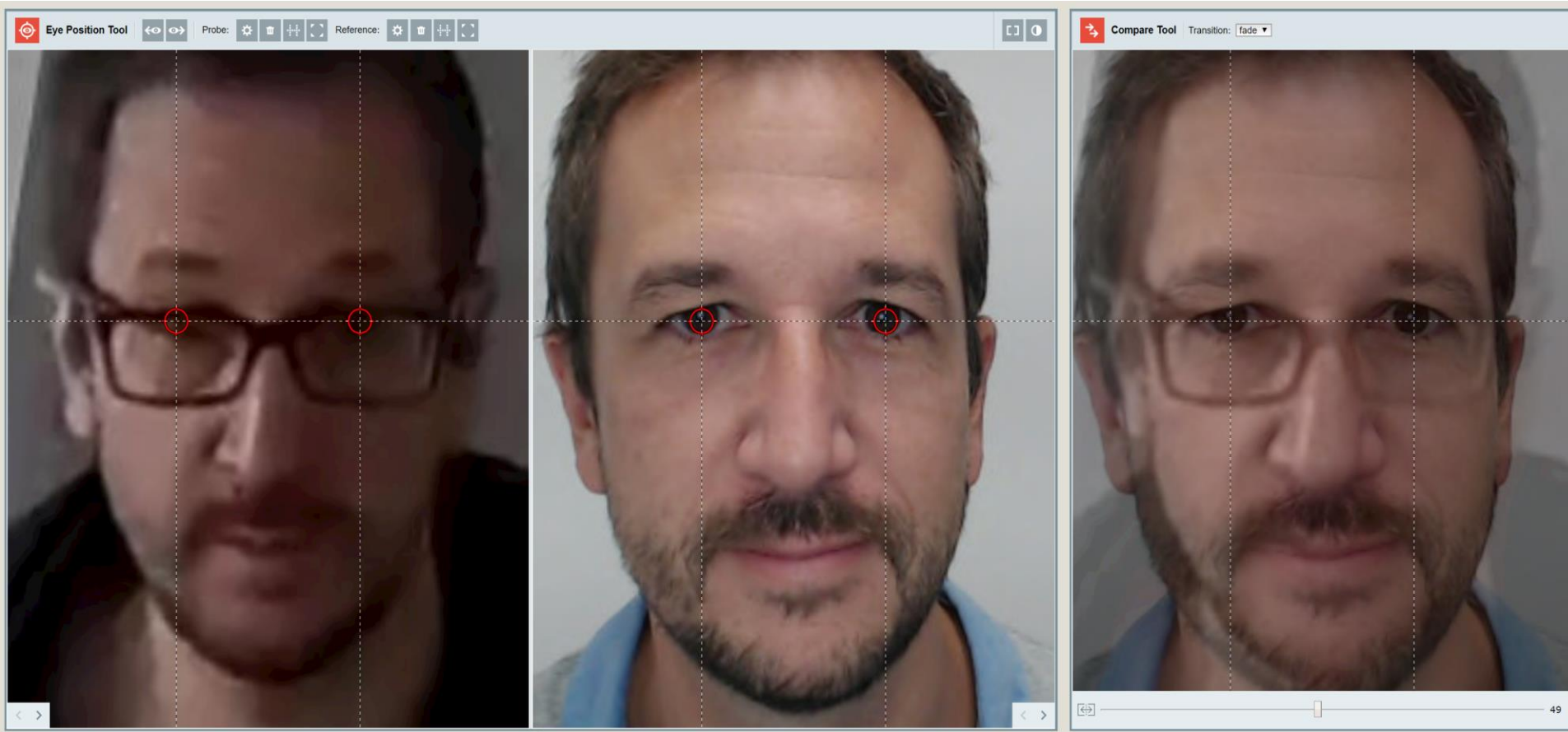
Name: Fredrick Dean
Status: A 58 ✓ Master



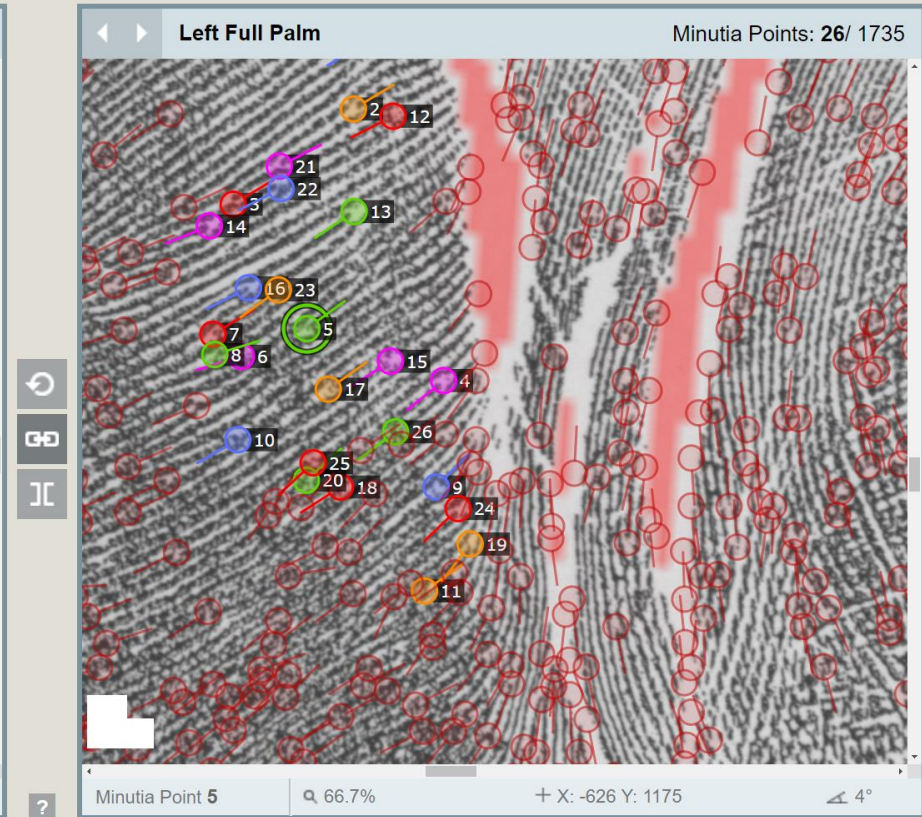
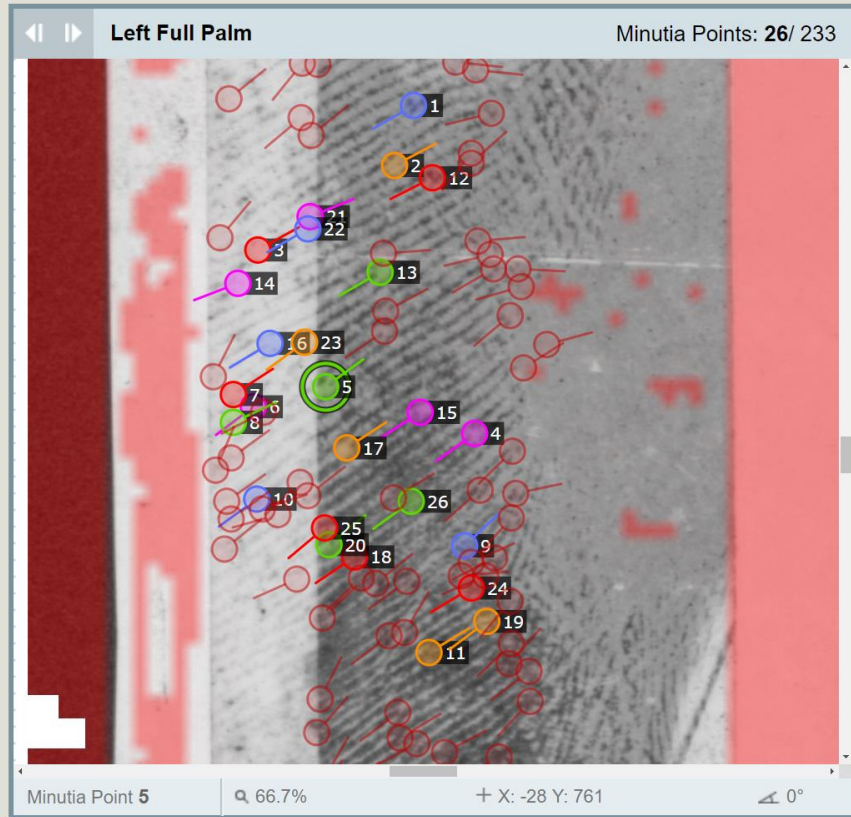
▶ Detail ▶ Adjudicate

Name: Abraham Zimmerman
Status: A 88 ✓ Master

Face Search from Video and Photo(s)



Palmpoints



Next Generation Algorithms



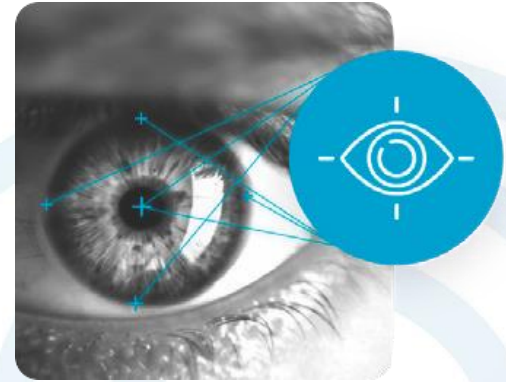
▼ Fingerprint

- S**
– 30% faster



▼ Face

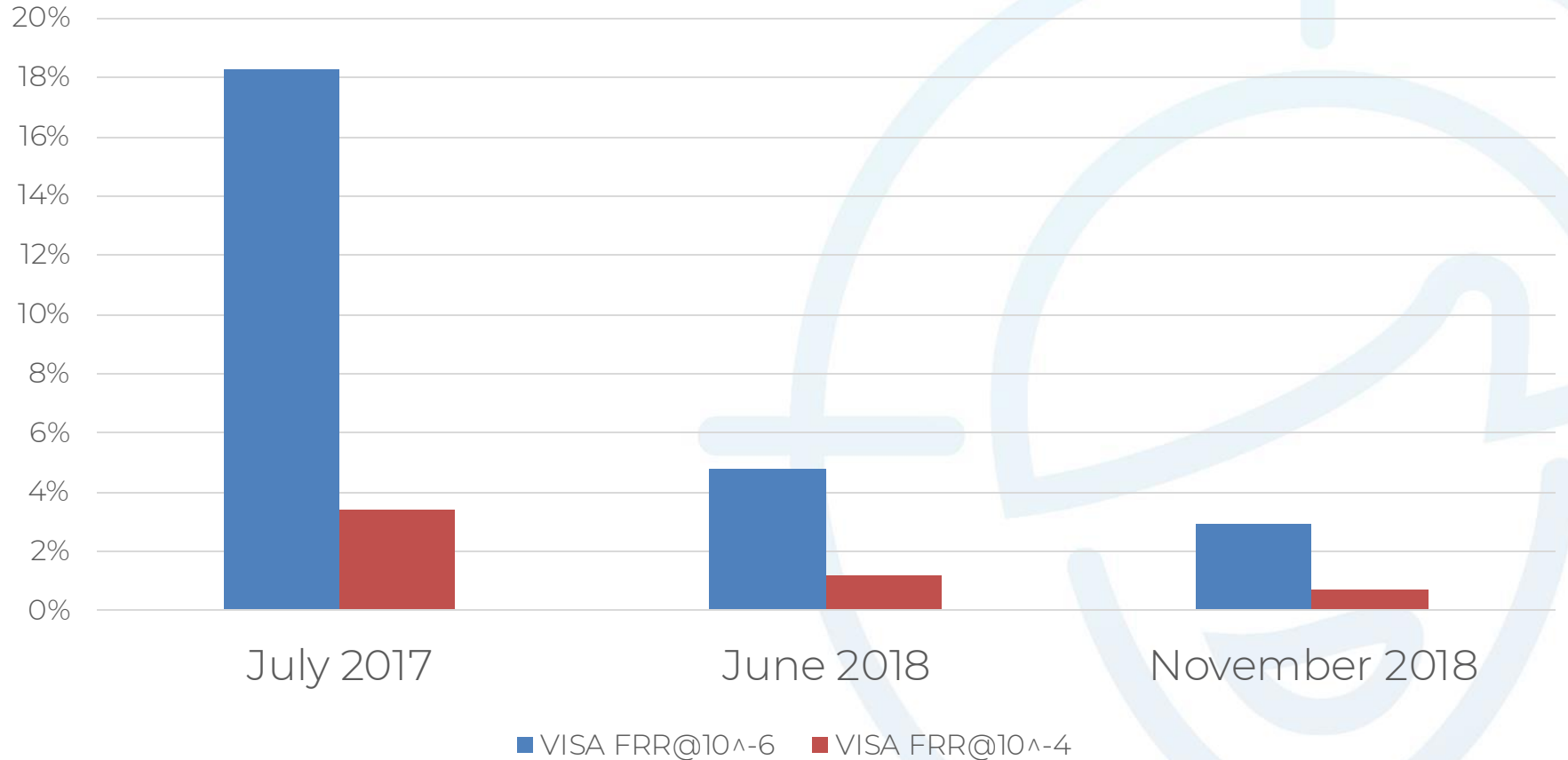
- 40% better
NIST results



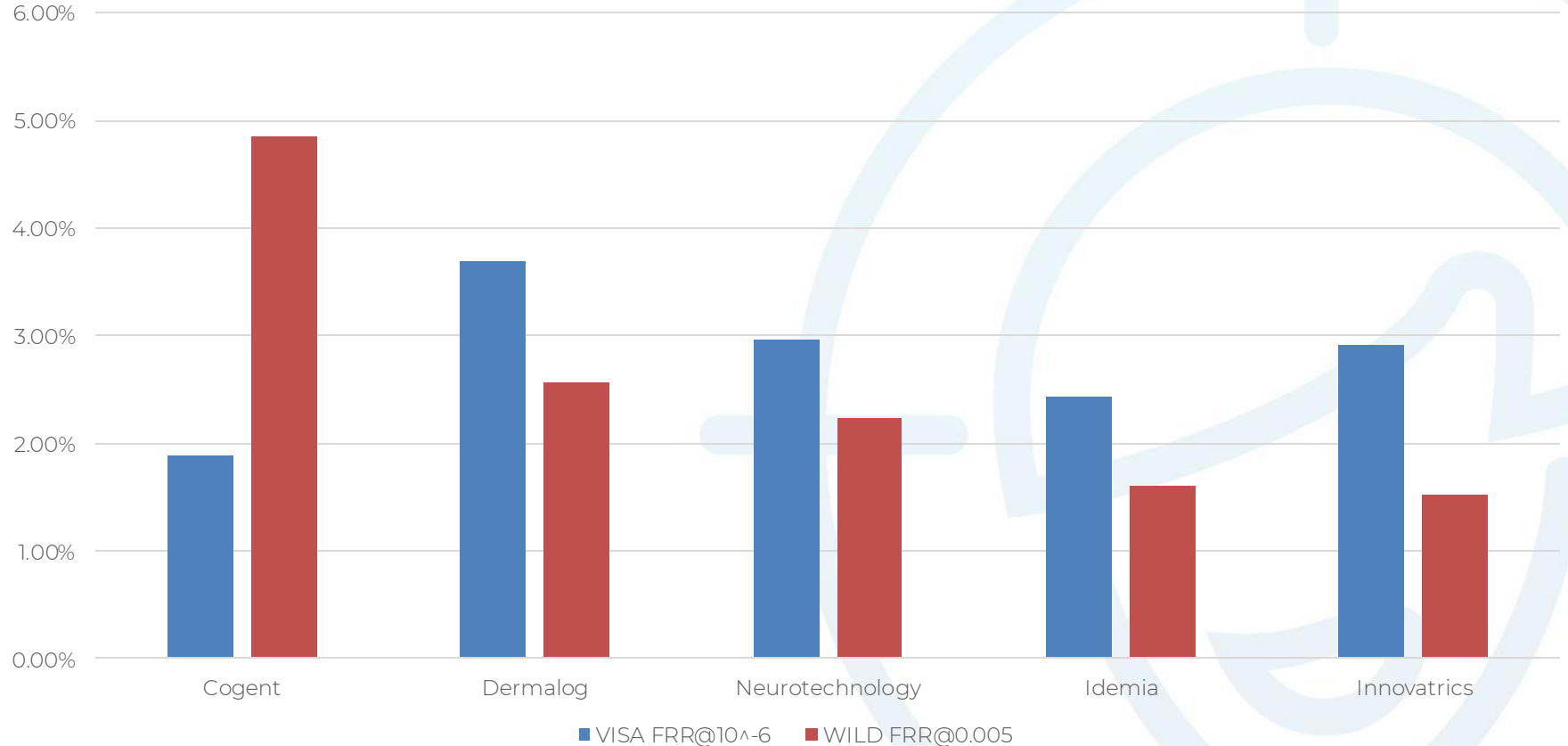
▼ Iris

- 50% more
accurate

NIST FRVT Ongoing Progress



NIST FRVT Ongoing ABIS Vendors



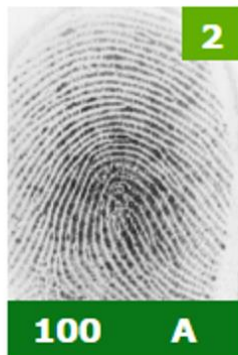
Anomaly Detection with Fingerprints



Thumb



Index



Middle



Ring



Little



Thumb



Index



Middle



Ring



Little

Anomaly Detection with Fingerprints



Anomaly Detection with Fingerprints



Ok Nok

Image id	98
Result	1
Score	0.0
Evaluation time	05.04.2019 10:54:01
Annotation	0

Annotation time 05.04.2019 12:59:10



Ok Nok

Image id	5633
Result	1
Score	0.0
Evaluation time	05.04.2019 10:54:01
Annotation	1

Annotation time 05.04.2019 12:59:13



Ok Nok

Image id	5562
Result	1
Score	0.0
Evaluation time	05.04.2019 10:54:01
Annotation	1

Annotation time 05.04.2019 12:59:15



Ok Nok

Image id	61
Result	1
Score	0.0
Evaluation time	05.04.2019 10:54:01
Annotation	0

Annotation time 05.04.2019 12:59:18



Ok Nok

Image id	183
Result	1
Score	0.0
Evaluation time	05.04.2019 10:54:01
Annotation	0

Annotation time 05.04.2019 12:59:16



Ok Nok

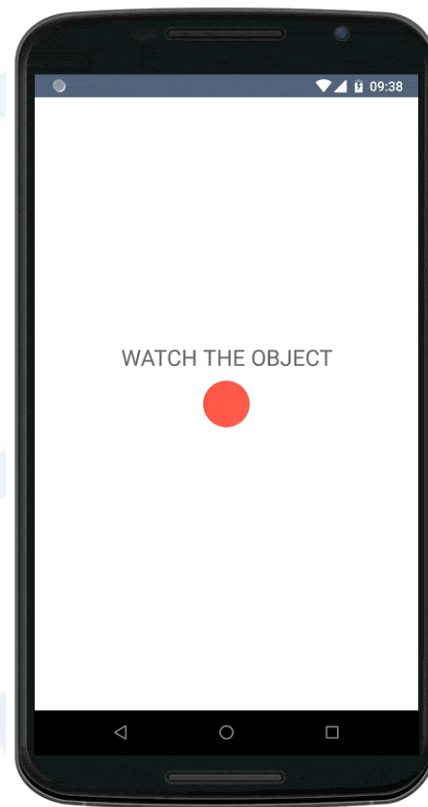
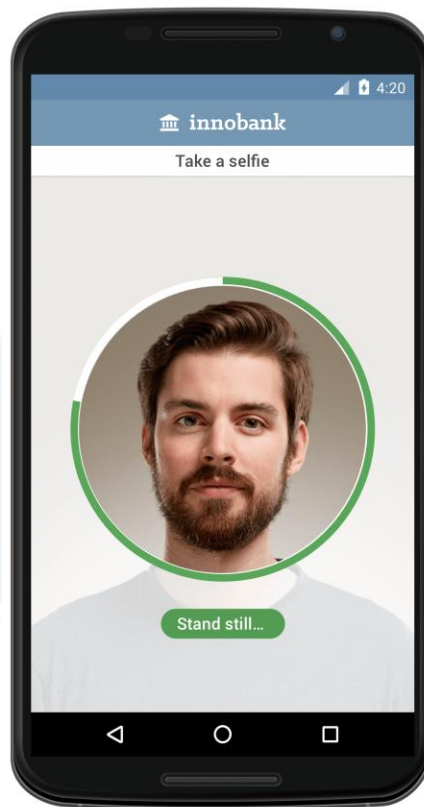
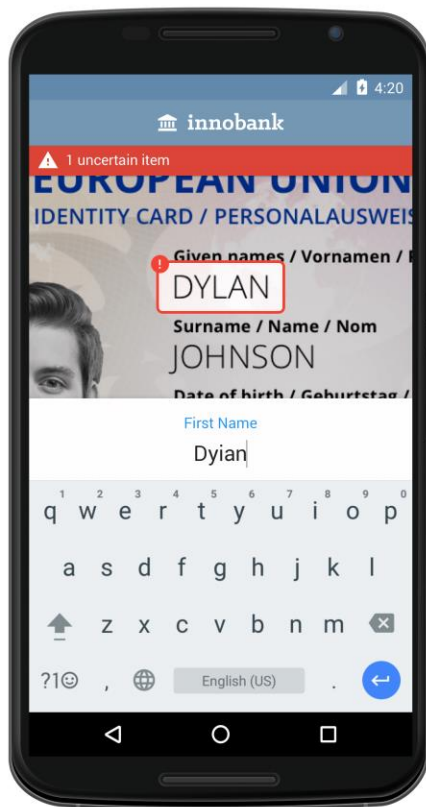
Image id	65
Result	1
Score	0.0
Evaluation time	05.04.2019 10:54:01
Annotation	0

Annotation time 05.04.2019 12:59:19



ABIS ROADMAP 2019

Integrated DOT



Integrated DOT

Applicant

Enrollment

? Mark for Inspection

✓ Approve

✗ Reject

A7312 ✓ Master

> Match...

I212 ✓ Unique



Photograph:



Front Page:



ID Number: SX000-313
Given Names: **! James** **43** ✓ MRZ
Surname: Smith
Nationality: EU
Date of Birth: 11/05/1978
Date of Expiry: 12/08/2024

Instant Biometric Search



Video

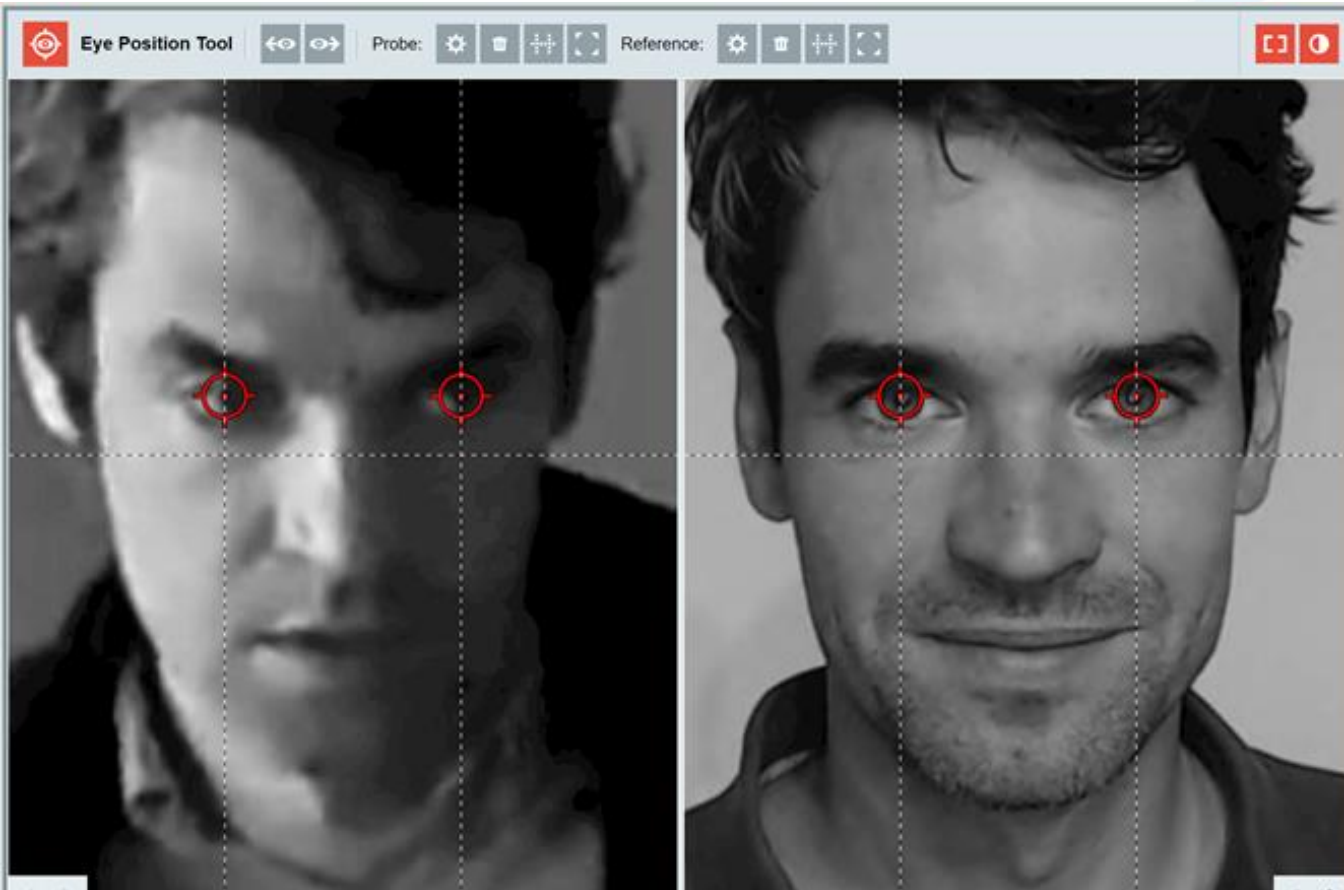


Photos



Fingerprint
s

Criminal ABIS Case Management



DNA Search



Questions?



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