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Technology in context - How Technology Facilitates Border Management and Internal Security in the EU

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Montreal, 25 October 2018

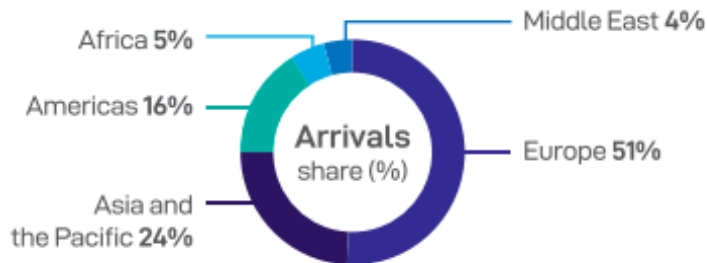




Europe: A continent on the move



Total International Tourist Arrivals
1,326 million



UNWTO, 2017



- | | |
|-----------------|------------------|
| 1. China 11.4% | 6. France 3.0% |
| 2. USA 2.2% | 7. S. Korea 1.5% |
| 3. Germany 9.8% | 8. Italy 2.2% |
| 4. Japan 1.0 % | 9. Brazil -4.1% |
| 5. UK 8.3% | 10. India 11.0% |

Top business destinations by spending plus growth rates, GBTA 2015



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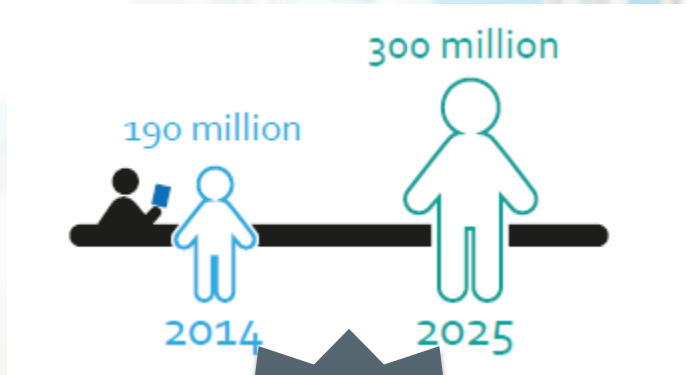
Europe: A continent [mostly] on the move





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+ 58 %





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EU Smart
Borders is a
necessity, not a
choice



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IT: The foundation of EU Smart Borders



Identity data \leftrightarrow Border relevant Information



IT and Smart Borders: Facilitation through Automation



Identity data



Stop only if necessary

Overstay?
Authorised?
Biometric match to visa?
Stolen document?
Entry ban?
Criminal record?

Border relevant Information



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Integration

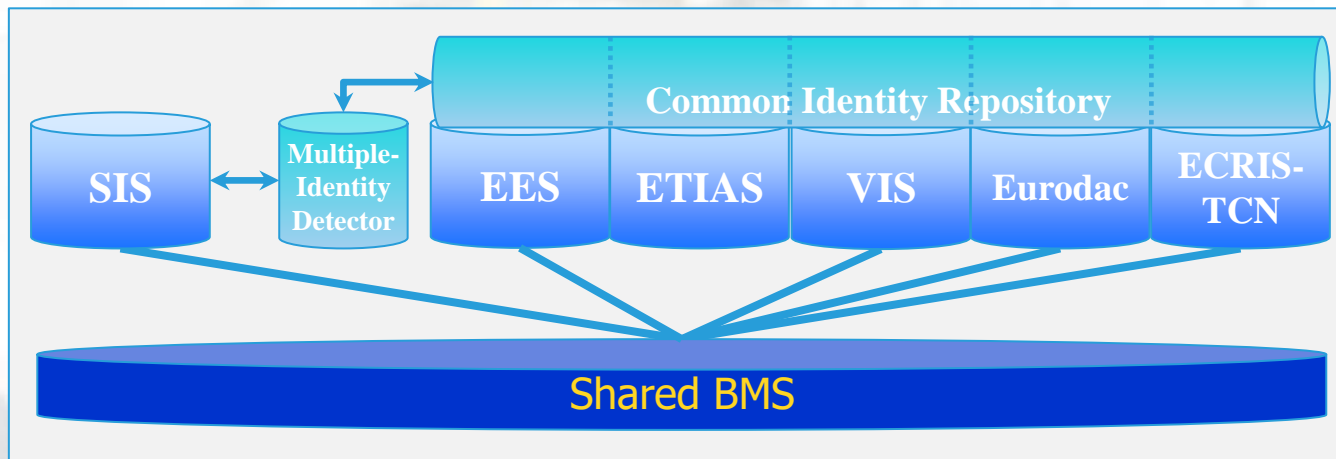


Complementary information

Identity data ← → Border relevant Information ← → Border relevant insight



EU Systems Interoperability – Cohesive identity management





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Digital solutions reliant on paper



A foundational system identity



The 'token' at every touch point

- Speed
- Effectiveness
- Security
- Facilitation



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Quantifying the future

130 M

Identities cross-
matched / year*

1.5 sec

Recall time at the
border**

* 10M Eurodac
30M VIS
80M EES
10M ECRIS-TCN

** Based on
current VIS
performance with
biometric queries

The future of EU border management: secure, facilitated travel based on cohesive identity management optimizing document usage with the power of IT



Ciaran Carolan
Canada, 12.11.82

Eurodac



VIS

EES



ECRIS-TCN

SIS II

ETIAS

Proceed



Anna-Rebecca Carolan
Canada, 22.10.84

Eurodac



VIS

EES

ECRIS-TCN

SIS II

ETIAS

Proceed



Identity link found to Anna-Rebecca Arend in EES, confirming link and updating file. Ok? - Y/N



Anis Amri
Tunisia, 01.06.78

Eurodac



VIS

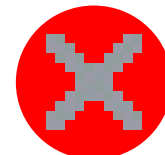
EES

ECRIS-TCN

SIS II

ETIAS

STOP



No match to biometrics in EES, links to other identities in SIS II, ECRIS-TCN and VIS.



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Technology, Security, Facilitation



Identity data



Relevant information

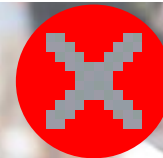


Relevant insight



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STOP





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Thank you for your attention!!

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