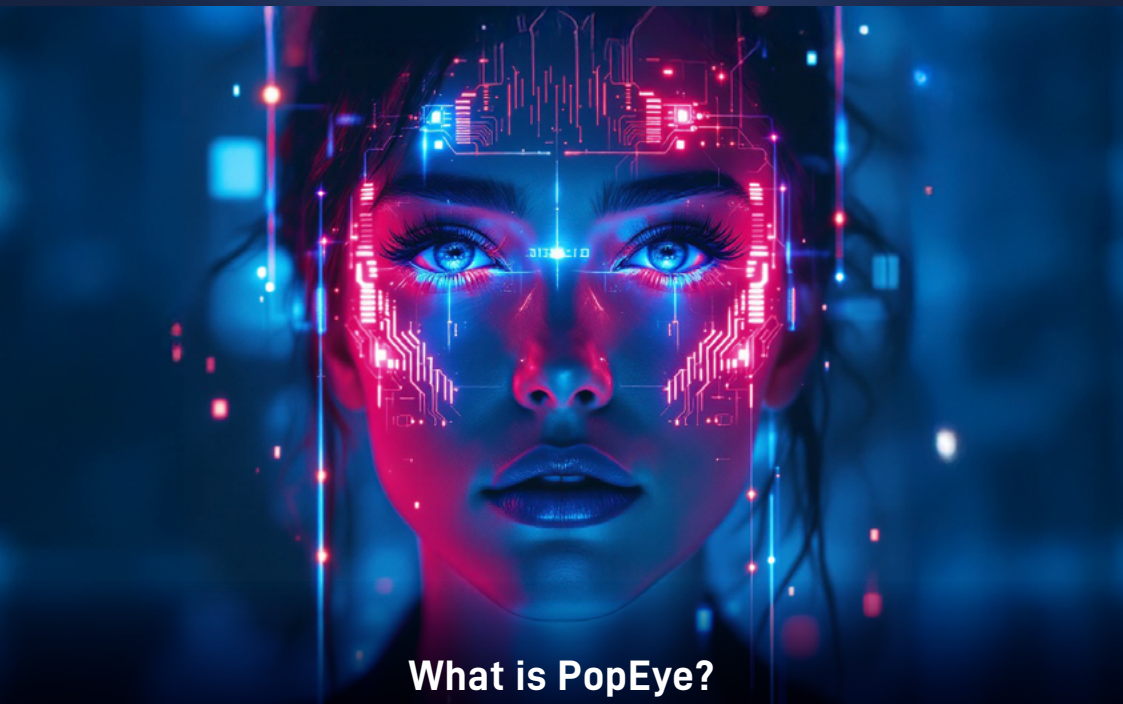
POPEYE

IDENTIFICATION ON THE MOVE

Secure borders. Seamless journeys.



What is PopEye?

PopEye enhances border control efficiency through next-generation biometric technologies, enabling fast, accurate, and privacy-preserving identification on the move at EU external borders.

ENHANCED BORDER CAPABILITIES

SEAMLESS BORDER CROSSING

TRUSTWORTHY AI & PRIVACY-BY-DESIGN

www.popeye-project.eu

HOW DOES IT WORK?

PopEye integrates multimodal biometrics and AI-enabled decision support to create a comprehensive border management ecosystem.

1 Multi-Modal Biometric Capture

Sensors and capture devices collect biometric data from pre-registered travellers as they move, without requiring them to stop at border checkpoints.

2 Privacy-Preserving Technologies

Biometric data is encrypted and securely stored, ensuring respect for privacy and data protection principles.

3 AI-Powered Identity Verification

The data is aggregated and processed using robust, transparent AI systems to provide real-time explainable recommendations for border authorities.

4 Decision Support for Border Authorities

Recommendations are presented through a user-friendly dashboard, supporting border authorities in decision-making while maintaining full human oversight.

MODALITIES

- 2D & 3D Face recognition
- Iris scanning
- Contactless fingerprint
- Gait analysis
- Behaviour biometrics

PROJECT INFORMATION

- Horizon Europe Programme
- 13 Partners
- 11 Countries
- 36 Months (Oct 2024 – Sep 2027)

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