



TENSOR creates a complete platform for Police Authorities that facilitates biometric evidence extraction, sharing and storage environments allowing them to share best practices in an automated, robust, secure, privacy-preserving and scalable manner.



**SUPPORT** the forensic investigation through the provision of innovative biometric intelligence and insights



**EXPLOIT** further the potential of behavioural and physiological biometrics via emerging, privacy preserving and legally compliant technologies enabling the derivation of concrete and robust contextual evidence.



**FACILITATE** the secure cross-border exchange of biometric data through accountable and sovereign blockchain mechanism, while ensuring interoperability with different legacy systems.



**DEMONSTRATE** and validate the effectiveness and accuracy of the proposed solutions in three complementary use cases in real settings with the active engagement of several LEAs and Forensic institutes accomplishing at the end of the project a TRL 7 for the entire platform.



**ENSURE** wide communication of the produced results and the efficient exploitation and business planning of the TENSOR concepts, processes and solutions facilitating their rapid uptake by relevant Police Authorities and Forensic Institutes.



**TENSOR PILOTS**

**PORTUGAL**  
 Biometric data protection and secure exchange in a cross-border scenario  
 @ Ministry of Justice, Portugal

**CZECH REPUBLIC**  
 Evidence collection through intelligence derived from correlated physiological and behavioural biometrics based on CCTV footage  
 @ Police of the Czech Republic

**FINLAND**  
 Unlocking criminal's smartphone devices leading to the extraction of stored biometrics data  
 @ Ministry of the Interior, Finland

**TENSOR TECHNOLOGIES**

- Face and Person biometrics
- Fingerprint biometrics
- Behavioural biometrics
- Biometric Data Protection and Privacy
- Automation and Scalability of Identity, Intelligence and Investigation
- Responsible and Explainable AI for Fair and Unbiased Biometric Technologies
- Voice biometrics
- Gait biometrics
- Distributed biometrics data sharing platform
- Large-scale Biometric Data Indexing and Privacy
- Unlocking criminals' devices using Biometric Data
- European Biometric Data Space

**CONSORTIUM**



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