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Interoperability



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EU IT systems working together
for a safer Europe

What is Interoperability?

Interoperability is the ability of information systems to exchange data and enable the sharing of information. An efficient management of Europe's border security and migration relies upon large, centralised information systems including Eurodac, the Schengen Information System (SIS) and the Visa Information System (VIS). eu-LISA is updating these systems and developing new ones - the Entry/Exit System (EES), the European Travel Information Authorisation System (ETIAS) and the European Criminal Records Information System – Third Country Nationals (ECRIS-TCN), with interoperability between them as a key requirement.

The Benefits

- a European search portal will enable authorised users to carry out a single search and receive results from all the systems they are authorised to access
- a shared biometric matching service will allow users to more efficiently search and cross-match biometric data
- a common identity repository will enable easy access to biographical information about non-EU citizens, so that they can be more reliably identified
- a multiple identity detector will help detect multiple identities with the dual purpose of ensuring the correct identification of bona fide persons and combating identity fraud.

eu-LISA and the JHA Information Systems

Since 2012, eu-LISA has played an integral role in the operational management of large-scale IT systems and databases that are crucial for the security of the European Union. These include the already existing Eurodac, SIS and VIS systems, as well as systems currently under development, such as ECRIS-TCN, EES and ETIAS.

These systems will be game-changers in the European Justice and Home Affairs (JHA) area. The technologies being developed will help the move away from outdated

silo solutions towards new holistic approaches that still fully respect the original objectives and data protection guarantees of the individual systems. eu-LISA works closely with Member States, European Institutions and other JHA Agencies to ensure that the technical and procedural solutions applied optimally cover business requirements while remaining technically feasible.

eu-LISA ensures that Europe's freedom, security and justice management systems are safeguarded for generations to come.

The headquarters of eu-LISA are in Tallinn (Estonia), the operational management is carried out in Strasbourg (France) and a backup site is located in Sankt Johann im Pongau (Austria). eu-LISA also has a liaison office in Brussels (Belgium).

