

Motivation of the architectural approach	
Summary	
ID	CR08
Initiative	ECRIS
Short description	Motivation of the architectural approach for a decentralised system for accessing data.
Owner	DG Justice
Contact	JUST-CRIMINAL-RECORD@ec.europa.eu
Type	Framework
Sub-Type	Strategy
Context	Cross-border
Base Registry type	Business (criminal records)
Operating model	This strategy as concept can be applied in multiple sectors and/or contexts. It is a motivation of the architectural approach.
IPR	Not Available/Not Found
Status	Operational
More details	
Aggregated business need	ABN – 15 Need for common data sharing principles
Functionalities	<p>(11) The European Criminal Records System (ECRIS) is a decentralised information technology system. The criminal records data should be stored solely in databases operated by Member States, and there should be no direct online access to criminal records databases of other Member States. Member States should bear the responsibility for the operation of national criminal records databases and for the efficient exchanges of information between themselves. The common communication infrastructure of ECRIS should be initially the Trans European Services for Telematics between administrations (S-TESTA) network. All expenditure concerning the common communication infrastructure should be covered by the general budget of the European Union.</p> <p>Article 3 European Criminal Records Information System (ECRIS)</p> <p>1. ECRIS is a decentralised information technology system based on the criminal records databases in each Member State. It is composed of the following elements:</p> <p>(a) an interconnection software built in compliance with a common set of protocols enabling the exchange of information between Member States' criminal records databases;</p> <p>(b) a common communication infrastructure that provides an encrypted network.</p> <p>2. This Decision is not aimed at establishing any centralized criminal records database. All criminal records data shall be stored solely in databases operated by the Member States.</p> <p>3. Central authorities of the Member States referred to in Article 3 of Framework Decision 2009/315/JHA shall not have direct online access to criminal records databases of other Member States. The best available techniques identified together by Member States with the support of the Commission shall be employed to ensure the</p>

	<p>confidentiality and integrity of criminal records information transmitted to other Member States.</p> <p>4. The interconnection software and databases storing, sending and receiving information extracted from criminal records shall operate under the responsibility of the Member State concerned.</p> <p>5. The common communication infrastructure shall be the STESTA communications network. Any further developments thereof or any alternative secure network shall ensure that the common communication infrastructure in place continues to meet the conditions set out in paragraph 6.</p> <p>6. The common communication infrastructure shall be operated under the responsibility of the Commission and shall fulfil the security requirements and thoroughly respond to the needs of ECRIS.</p> <p>7. In order to ensure the efficient operation of ECRIS, the Commission shall provide general support and technical assistance, including the collection and drawing up of statistics referred to in Article 6(2)(b)(i) and the reference implementation software.</p> <p>8. Notwithstanding the possibility of using the European Union financial programmes in accordance with the applicable rules, each Member State shall bear its own costs arising from the implementation, administration, use and maintenance of its criminal records database and the interconnection software referred to in paragraph 1. The Commission shall bear the costs arising from the implementation, administration, use, maintenance and future developments of the common communication infrastructure of ECRIS, as well as the implementation and future developments of the reference implementation software.</p> <p>--</p> <p>ECRIS works efficiently with regard to EU-nationals based on the principle of the Member State of nationality as the single repository of all conviction information. However, ECRIS does not equally support the exchange of conviction information on TCN, since a single repository for information TCN does not exist. It is therefore currently not possible to determine whether and in which Member State a particular TCN was convicted without consulting them all. To remedy the situation, on 19 January 2016, the Commission adopted a proposal for a Directive amending Framework Decision 2009/315/JHA on ECRIS and – on 29 June 2017 – a complementing proposal for a Regulation, to establish a centralised ECRIS TCN-system in order to efficiently identify the Member State(s) that have convicted a particular TCN.</p>
Design - Architecture	Not Available/Not Found
Technologies	Not Available/Not Found
Specifications	Not Available/Not Found
Management	Not Available/Not Found
Governance	ECRIS's governance model applies to all ECRIS's solutions. The chart below represents the organisational model:

Sustainability	Not Available/Not Found
Documentation	COUNCIL DECISION 2009/316/JHA of 6 April 2009
ADMS	Not Available/Not Found
Current Users	26 Member States
EIRA	
View	Legal View
Building Block	Legal Requirement or Constraint
Reusability	
Landscape	
Criteria	

