

# Vulnerabilities of EU Large-Scale IT Systems Used in Law Enforcement Cross-Border Information Exchange

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## Abstract

*A borderless Europe needs to ensure continuous and secure exchange of data and information between the law enforcement authorities. This needs to be done through monitoring technology development and identifying large-scale IT systems protection from emerging threats. Decision making is never based solely on knowledge of technical issues, as the potential and expected benefits of implementing a particular technology depend specifically on the architecture of system data and information. Cybersecurity attacks on these systems can be explained starting with the attackers and targets, the approach to compromised system and the route used to break into the system.*

**Keywords:** large-scale IT systems, law enforcement cooperation, intelligence-led policing, information exchange, smart borders, cyberattacks

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