eu-LISA Industry Roundtable – November 2023
Digitalisation of Justice: Turning Challenges into Opportunities

Call for expression of interest

On **23-24 November 2023**, the **European Union Agency for the Operational Management of Large-Scale IT Systems in the Area of Freedom, Security and Justice (eu-LISA)** will organise the next edition of the **Industry Roundtable.**

The event will take place in a hybrid format: **in person in Madrid, Spain with a possibility to join online**.

eu-LISA Industry Roundtable is a semi-annual event organised by the Agency, bringing together representatives of Member State authorities, European Commission, justice and home affairs agencies, and industry. The purpose of the event is to provide a forum for the Agency's stakeholder community to discuss pressing challenges and capability gaps and the possible solutions (e.g., technological and organisational) to address those. The event has been organised since 2013 and the next event is scheduled to take place in the fourth quarter of 2023. Since June 2021, eu-LISA has been regularly organising Industry Roundtable events in collaboration with Member States presiding in the Council of the EU.

Until recently the stakeholder community of eu-LISA included representatives of the migration, border management and law enforcement communities, hence, the focus of these events was largely on the challenges pertaining to these policy areas. Over the past few years, eu-LISA is gradually becoming a trusted partner in the provision of IT services not only in the areas of law enforcement, border and migration management, but also in the area of justice. First with the maintenance of ECRIS reference implementation, then the development of the ECRIS-TCN system, and finally when it will assume the responsibility for e-CODEX and the development of the JIT platform.

Given the Agency's increasingly important role in the European justice community, it is time to focus also on the challenges specific to the area of justice. This event will help eu-LISA to develop a stronger connection with and better understand the needs of the justice community. In addition, it will help establish a better connection with industry players providing solutions targeted at professionals and authorities operating in the justice domain.

Focus of the event and tentative agenda

The importance of advancing the modernisation of justice to ensure its effective and efficient functioning within Member States but also at European level has been widely acknowledged, with digitalisation as one of its main cornerstones. Over the past 20 years, the European Commission together with Member States and other key stakeholders operating in the justice domain, have already made significant strides towards the development of e-Justice on both legislative and operational levels. A substantial part of these efforts focused on using information and communication technologies to promote cooperation of judicial authorities across the EU. Since 2010, the development of electronic tools for e-Justice has been on a steady upward trajectory. Today, these tools ensure for example, secure digital communication in the context of judicial cooperation procedures and provide easy access for citizens and businesses to legal information and national registers, and much more.

EUROPEAN UNION AGENCY FOR THE OPERATIONAL MANAGEMENT OF LARGE-SCALE
IT SYSTEMS IN THE AREA OF FREEDOM, SECURITY AND JUSTICE

Vesilennuki 5, 10415 Tallinn, Estonia
www.eulisa.europa.eu

However, despite the impressive progress with regard to the digitalisation of judicial procedures and cross-border judicial cooperation in the EU, not all areas that could benefit from the use of digital technologies have introduced those. Also, digital technologies continuously advance, opening new opportunities for improving the quality and efficiency of justice.

Commercial vendors are invited to submit proposals for presentations at the Industry Roundtable event in one of the following areas. Please note that the specific use-cases are described as examples only. Proposals focusing on solutions tackling challenges specific to the domain of justice but not listed below are also welcome.

Area 1: Solutions for document processing and exchange between the judiciary and law enforcement bodies

Robotic process automation in the judiciary

Judicial institutions, such as courts and prosecutors' offices, perform a large number of routine administrative processes, from document filing, to payment processing, etc. Many of these processes can be effectively automated, significantly reducing the administrative workload of judicial authorities and thus freeing resources for tasks that require human attention, while at the same time not introducing any additional risks. Industry representatives are invited to present robotic process automation solutions using examples of applications designed specifically for processes in judiciary.

Solutions for document processing and big data analysis

Despite substantial progress in the digitalisation procedures, judicial authorities to this day deal with large amounts of paper documents, which require substantial resources for manual processing and prohibit the effective use of data contained in these documents using digital tools. Similarly, judicial authorities frequently deal with massive amounts of data and documents collected within the scope of investigations and used as evidence. Manual processing of such amounts of data is often not possible due to financial and time constraints. Therefore, tools for big data analysis relying on text mining, computer vision, natural language processing and other techniques, are essential in making the work of the judiciary efficient and effective. Industry representatives are invited to present solutions for big data analysis (structured and unstructured) focusing specifically on the challenges of the judicial authorities.

Area 2: Solutions for secure digital presence

Secure communication, encryption and identity verification

In recent years, and in particular in the aftermath of the COVID pandemic, judicial authorities across the EU have introduced the possibility to participate in court sessions or give evidence remotely via video conference. Nevertheless, there remain a wide range of challenges that are pertinent to the use of such technologies, including pertaining to the security of data being shared, as well as the need for remote verification of identity. Industry representatives are invited to present solutions for secure video-conferencing that comply with relevant legal requirements for the use in judicial proceedings. These solutions may also address the challenge of remote identity verification in the context of video conferencing.

Area 3: Artificial Intelligence and other innovative solutions

Search engines optimised for the needs of judicial authorities

As mentioned above, judicial authorities deal with massive amounts of information, which is often text based. Off-the-shelf search engines are often not suitable due to their generalised nature, and therefore do not produce effective results. Industry representatives are invited to present search engines optimised for the needs of judicial authorities, for example, to facilitate search in relevant case law, to facilitate search and pattern identification in evidence documents, linking information across multiple data sources, etc.

Blockchain and cryptocurrency

EUROPEAN UNION AGENCY FOR THE OPERATIONAL MANAGEMENT OF LARGE-SCALE
IT SYSTEMS IN THE AREA OF FREEDOM, SECURITY AND JUSTICE

Vesilennuki 5, 10415 Tallinn, Estonia
www.eulisa.europa.eu

Blockchain has been proven as an effective tool for ensuring traceability and authenticity of data, for example in the context of land registries. It can therefore be effectively used also in other areas where ensuring traceability of transactions and authenticity of data is essential. At the same time, cryptocurrencies have been effectively used by criminals in the context of illicit transactions to avoid detection by law enforcement authorities. Some examples of solutions in this area:

- Solutions using blockchain to ensure traceability and authenticity of data, with a focus on applications specific to the domain of justice;
- Solutions for investigating transactions in cryptocurrency.

Solutions for data protection compliance

Judicial authorities must ensure compliance with data protection requirements when exposing documents/evidence to third parties either through publication on official websites or in order legitimate circumstances. This may involve redacting personal identity information from text-based documents, or removing biometric information from audio-visual media. Industry representatives are invited to present solutions for effective anonymisation of documents and audio-visual media, and other technologies helping judicial authorities comply with data protection requirements.

To this aim, the Industry Roundtable will take place during 1.5 days with 5 sessions: 2 sessions on 23 November starting at 13:30 CET and 3 sessions on 24 November starting at 9:30 CET.

DAY 1, 23 November 2023

- **Session 1. Setting the scene: Recent policy developments and Member State initiatives**
  This session will provide insights on the most recent policy initiatives in the area of digitalisation of Justice proposed by the Commission to face the most urgent needs that have been identified in the field, as well as the work of eu-LISA in this area.

- **Session 2. Presentation of Member State initiatives in the area of digitalisation of justice + Panel discussion**
  In this session, representatives of Member State authorities will present their initiatives, challenges and success stories in the area of digitalisation of justice. The session will close with a panel discussion involving speakers from Sessions I and II.

DAY 2, 24 November 2023

Day 2 will be dedicated to industry presentations proposing solutions addressing specific use cases.

- **Session 3 (9:30-11:00). Solutions for document processing and exchange between the judiciary and law enforcement bodies**

- **Session 4 (11:30-13:00). Solutions for Secure Digital Presence**

- **Session 5 (14:30-16:00). Artificial intelligence and other innovative solutions**

Practical information

Please note that a maximum of one presentation per organisation will be allowed. However, you are welcome to submit several proposals addressing different use-cases as defined above.

When submitting your application, please indicate the session in which you would like to present:

- **Solutions for document processing and exchange between the judiciary and law enforcement bodies**

- **Solutions for Secure Digital Presence**

EUROPEAN UNION AGENCY FOR THE OPERATIONAL MANAGEMENT OF LARGE-SCALE
IT SYSTEMS IN THE AREA OF FREEDOM, SECURITY AND JUSTICE

Vesilennuki 5, 10415 Tallinn, Estonia
www.eulisa.europa.eu

- **Artificial intelligence and other innovative solutions**

Please be aware that the agenda proposed above is tentative and may be subject to changes.

Please note that the number of presentation slots is limited and submissions will be evaluated by eu-LISA experts. The selection of submitted proposals will be based on the relevance of the proposals to the topic of the event, their novelty and potential impact.

eu-LISA will communicate the outcome of the selection procedure to all applicants.

All relevant information of the event will be updated regularly in the dedicated webpage, in due time:

https://www.eulisaroundtable.eu/

Timeline

- The Call for Expression of Interest will be published on **7 September 2023.**

- The Call for Expression of Interest will be open until **5 October 2023.**

- eu-LISA will review the proposals and inform the selected speakers by **20 October 2023**.

- The final programme will be made available on **6 November 2023**.

- The Industry Roundtable will take place face to face in Madrid on **23-24 November 2023** (with the possibility to join online).

EUROPEAN UNION AGENCY FOR THE OPERATIONAL MANAGEMENT OF LARGE-SCALE
IT SYSTEMS IN THE AREA OF FREEDOM, SECURITY AND JUSTICE

Vesilennuki 5, 10415 Tallinn, Estonia
www.eulisa.europa.eu