TRAnsparency, Privacy and security for European citiZEns

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Art. 12 GDPR

Transparent information, communication and modalities for the exercise of the rights of the data subject

1. The controller shall take appropriate measures to provide any information referred to in Articles 13 and 14 and any communication under Articles 15 to 22 and 34 relating to processing to the data subject in a concise, transparent, intelligible and easily accessible form, using clear and plain language, in particular for any information addressed specifically to a child. The information shall be provided in writing, or by other means, including, where appropriate, by electronic means. When requested by the data subject, the information may be provided orally, provided that the identity of the data subject is proven by other means.
Transparent & Citizen-controlled Interconnectedness
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- Right to be informed,
- Right to access,
- Right to rectification,
- Right to erasure,
- Right to restriction of processing,
- Right to data portability,
- Right to object,
- Rights regarding automated decision making.
Project description

New technologies can help protect data flows

Data is an essential resource for economic growth, competitiveness, innovation, job creation and societal progress in general. Common European data spaces will ensure that more data becomes available for use in the economy and society, while keeping companies and individuals who generate the data in control. The EU-funded TRAPEZE project will develop technologies to empower citizens to actively contribute to the cyber resilience of the common European data space. It will provide the public with the necessary tools and information to manage their security and privacy. It will also create technologies to enforce the integrity and non-repudiation of citizens’ data usage policies and processing across data sources. Overall, the project will carve out a path to put cutting-edge technologies like blockchain and linked data to practical use.

Show the project objective
Consortium objectives

• **Empower citizens and establishing a more trustworthy data economy** by leveraging existing and emerging data, control, and processing decentralization technologies;

• **Raise citizens’ awareness of personal data processing risks and cyber threats** by establishing a one-stop-shop for information and training;

• **Pilot the TRAPEZE solution in 3 distinct personal data processing scenarios**, demonstrating its potential for real-world applicability, scalability and replicability.
TRAPEZE aspires to bring together all key stakeholders in data protection under the umbrella of its holistic Security and Privacy Resilience Framework, embodied in the TRAPEZE Platform:

- setting up a Personal Data Inventory;
- relying on AI-driven data discovery and classification, and identity correlation;
- metadata catalogue will utilize the Linked Data paradigm;
- Semantification of all future payload data and, in combination with the concept of Sticky Policies;
- enable machine-readable expression and flexible management of elaborate data policies;
- Allowing automated compliance checking;
Achievements

- WEB presence
- Social media channels
- Publications
- Dissemination activities

Collaboration

- Introduction of reasoning algorithms to support compliance checking
- Sticky Policies in OWL 2.0
- Representing Sticky Policies in JSON format

Compliance, Privacy, Policy management

- WEB compliance and compliance dashboard
- Mobile application
  - GAT
  - Help-Desk specs

Interfaces

- Architecture
- Component's specs
- Internal and External interfaces

Platform

- Hyperledger Fabric
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