EU4Digital

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Trust and Security

EU4Digital supports the development of **trust services in the digital economy,** and **cyber-security** for improved resilience of critical infrastructure in the Eastern Partnership region.

Digital trust and cybersecurity enable all other aspects of the digital economy and society to deliver value in a secure way.

The main objectives of the **EU4Digital Trust and Security team** are to identify potential issues for cross-border recognition of trust services and to offer a practical action plan and assistance to overcome those issues.

eID and eSignature

Define common requirements for mutual **eID recognition** between EU and Eastern Partner countries.

Develop and deploy **eSignature pilots** between Eastern Partner and EU countries.

Identify the **possible requirements and define gaps** influencing eSignature use in cross-border mutual recognition **for citizens and business**.

Use lessons learned to **define common guidelines** for the region to be included in national roadmaps for Eastern Partner countries.

From April-September 2020, **eSignature pilots** between **Ukraine** and **Moldova** and between **Ukraine** and **Estonia**.

Cyber-security

Analysis of cyber-security measures in Eastern Partner countries has highlighted **challenges** including lack of resources, insufficient funding, outdated legislation, insufficient risk assessment and contingency plans.

Guidelines provide **recommendations** on developing and implementing cyber-security measures.

This will contribute to a **stronger and more resilient cyberspace** among the Eastern Partner countries and decrease the risk of disruption or failure of network information systems.

EU4Digital Cyber programme contributes to improving **cyber-resilience and criminal justice response** of Eastern Partner countries.

By developing **trust and security** in the digital economy, the EU **facilitates electronic transactions** for businesses and citizens, making them **safer, faster and cheaper**, and contributes to the **resilience of critical digital infrastructure** in areas such as telecoms, energy, transport, or banking, resulting in a stronger, more **dynamic economy** and increased **consumer trust**.

Digital trust and cyber-security activities aim to prove that in a modern 21st century society there are processes, tools and technologies which can **enable two countries to recognise the digital trust services between them**, enabling the **growth of the digital economy**.

Digital trust services and **digital identity services** help modern societies to **speed up social interactions** and **build trust across geographies**, while helping individuals and companies to **deliver value with lower operational costs**.

EU4Digital Trust & Security: key facts in focus

The **eSignature pilot** aims to test the cross-border eSignature operation between two pairs of Eastern Partner countries (Ukraine and Moldova) and between an EU Member State and an Eastern Partner country (Ukraine and Estonia). The aim is to achieve **cross-border mutual recognition of the electronic signatures** issued during the pilot, identify best practices, and to provide the action plan for post-pilot activities required to achieve readiness on cross-border mutual recognition.

Eastern Partner countries are currently offering most of the trust and eID services using **compatible technologies** with those deployed by the EU member states. The main differences between how services are delivered is determined by the regulatory frameworks in each country.

Most Eastern Partner countries have adopted their **legal and regulatory frameworks** related to trust and eID services, based on national needs and requirements.

Eastern Partner countries are exhibiting **different maturity levels in cyber-security** – some are still in the process of developing the first national cyber-security strategies, some are in the process of reviewing and updating it for the second time, some have got national and sectorial computer emergency response teams (CERTs) while others are still in the process of establishing them.

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https://eufordigital.eu/thematic-area/trust-and-security