EU4Digital

EU4Digital: supporting digital economy and society in the Eastern Partnership

eSignature pilot extension Country profile: Armenia

December 2021

1. Participant information

1.1. Armenia eID and digital trust services profile

The modernization of identity documents issuance system in 2011 introduced the ID cards with eID and digital signatures certificates. Starting 2012 Armenian citizens who have an ID card can pass electronic identification in different platforms free of charge. Around 1 million citizens currently have an ID card. Currently there are two main solutions available: eID (signature and identification using card reader) and mID (Mobile ID). The usage of eID is dominant. The state revenue committee accepts reports from the companies exceptionally in online format, which means that at least the directors and accountants of business entities sign digitally regularly.

1.1.1. Implementation approach

Armenia is to develop a web-based service for signing XAdES-LTA according to the Common format using the DSS library. A dedicated section at http://www.ekeng.am will give possibility for Armenian ID-card holders to sign, upload, and check the validity of signatures created in Common format by Armenian, Georgian, Ukrainian, and Estonian entities.

Armenian ID-card with qualified certificates will be used for signature creation.

1.1.2. Trust Service Information (for accepting Armenian eSignature)

List of supervised trust service providers and services are available at the official website of The Ministry of High-tech industries (https://hti.am/nvf/ekeng/eng).

Individual trust service certificates are available from: https://www.ekeng.am/repo under name "National root certificates".

The following service certificates are relevant in the context of qualified e-signature validation:

- CA service certificate for ID card with profile name: EID_AM (for ID-Card and Mobile ID). The CN name of this certificate is "CA of RoA".
- TSA Server.
- OCSP responder certificates are issued by corresponding CA, having subject name OCSP Signer 2013".

Certification Policy and Certification Practice Statement: https://www.ekeng.am/en/sec_sub/policy.