OBELISK
SIGNER

eIDAS regulation requires that electronic documents prepared by public originators must be provided with an electronic signature or qualified electronic seal to maintain their legal relevance. This regulation also requires that the electronic document is always provided with a qualified electronic timestamp.

OBELISK Signer is a product of the OBELISK family providing a service of automatic creation of electronic seals in compliance with eIDAS regulation. The service also includes the option to add an electronic timestamp to the electronic seal.

OBELISK Signer can be easily configured depending on specific needs of the agenda or process of the organization. Regular information systems and applications (eSSS, ERP, CRM, DMS, …) may consume the service of sealing the electronic documents prior to their storage and distribution to designated recipients simply through standard web services.

Main benefits

✔ Providing compliance of processes related to electronic signing, sealing, timestamping, and long-term storage of electronic documents with eIDAS regulation.

✔ Electronic sealing (signing) and stamping of documents using AdES (PAdES, XAdES, and CAdES) formats.

✔ Trouble-free verification and acknowledgement of validity of seals across all EU countries (applies to qualified seal with HSM support as a qualified mean).

✔ Simple utilization of electronic sealing and timestamping trust service by other information systems (ESSS, DMS, ERP, CRM, …).

Features and properties

✔ Support of AdES formats on "B-B" and "B-T" level

✔ Support of S/MIME (email) format

✔ Work with various keys (certificates)

✔ Storing keys (and certificates) in local SW storage or using HSM module

✔ Validity check of used certificates

✔ Simple connection to authorities providing qualified timestamps (TSA)

✔ Integration of third-party's applications using web services under OASIS DSS standard

✔ Administration of users, certificates, and their mutual links – WHO may sign by WHAT

OBELISK **SIGNER**

Electronic documents

Sealed el. documents

OBELISK SIGNER

TSP

TSA within the EU

Notification

General characteristics:

- ✔ Support of AdES format on B-B and B-T level
- ✔ Electronic seals of emails - S/MIME
- ✔ Work with multiple certificates
- ✔ Integration using standard API (WS)

HSM

Central configuration

Central administration

Monitoring and audits

- ✔ Logging and audit options
  - • Signed by WHO, WHEN, WHAT
  - • Signature result (success/failure)
  - • Realised processes
  - • Configuration changes
- ✔ Monitoring and notifications
  - • Validity expiration or certificate cancellation
  - • Distribution of email messages on the monitored event to selected persons
- ✔ Setting rights and accesses
  - • Using a certificate
  - • LDAP

Compliance with ETS standards

- ✔ ETSI EN 319 102
  Creation and validation of AdES digital signatures
- ✔ ETSI EN 319 122
  CAdES digital signatures
- ✔ ETSI EN 319 132
  XAdES digital signatures
- ✔ ETSI EN 319 142
  PAdES digital signatures
- ✔ ETSI EN 319 172
  Signature Policies
- ✔ ETSI EN 319 312
  Cryptographic Suites

Supported standards

- ✔ CAdES, PAdES, XAdES format
- ✔ S/MIME
- ✔ PDF/A

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SOLVE IT TOGETHER

SEFIRA is a provider of IT solutions and services. It specializes in the development and delivery of its own products OBELISK for trusted creation, verification and storage of electronic documents in accordance with eIDAS regulation. It offers solutions for the digital transformation of organizations and their transition to modern paperless functioning. It provides services in an area of electronic identity, PKI solutions and HSM implementation.

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