

Turnkey solution for eIDAS compliant electronic sealing

The ESYSCO solution is an eIDAS compliant Qualified Electronic Seal solution that delivers the highest level of non-repudiation, secure identification, integrity and assurance in B2B and B2C communication. This unique offering packages PrimeKey SignServer, a Qualified Signature/Seal Creation Device (QSCD), with a Qualified Seal that is compliant with the eIDAS regulation.

A Qualified Electronic Seal is an EU approved tool used for signing documents by legal entities, such as joint-stock companies, limited-liability companies and public institutions. It is a proof of will based on trust, which guarantees integrity, confidentiality and authenticity of signed documents or data of any kind.

In the digital era, the digitalization of workflows holds the keys to competitive business by reducing time and cost connected with document management. By leveraging solutions implementing the Qualified Electronic Seals, legal

entities can ensure that the signatures are an equivalent of a qualified electronic signature used by natural persons.

The ESYSCO and PrimeKey SignServer solution is an on premises eIDAS Qualified Electronic Seal system where preferably the complete workflow of document preparation, sealing, distribution and archiving happens in one step. The solution is especially interesting for organizations with the need for scalable performance in providing documents to their clients and flexible integration options.

Typical use cases are:

- Mass communication e.g. notifications, bank statements and policy updates
- Patients' hospital records
- Legal documents
- Authentication when gaining the access to financial services in accordance with the EU's regulation regarding PSD2 payment services
- Official company documents e.g. contracts and commercial offers and order confirmations
- Electronic invoices, bills, order and delivery confirmations
- Electronic correspondence, smart scanning with document integrity confirmation

Automatization Enabler

ESYSCO packages PrimeKey's SignServer, an eIDAS compliant and Common Criteria Protection Profile (PP) EN 419 221-5 certified QSCD, and an Advanced or Qualified Electronic Seal. The solution is easily integrated with a document management and workflow engine to realize an automated and true end-to-end qualified e-sealing solution.

Benefits

Mass electronic sealing with up to 11 million seals per hour and a high degree of automation.

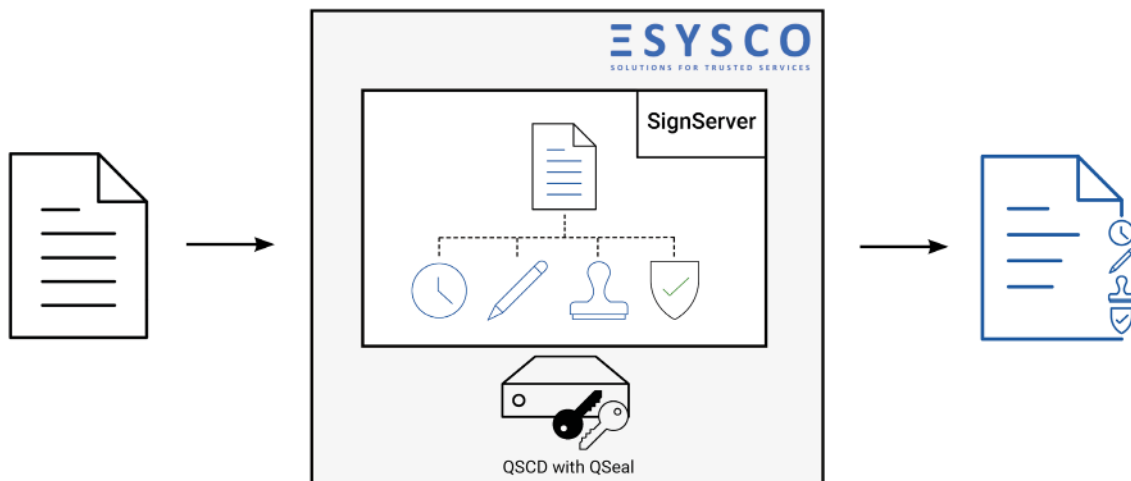
Installed on premises and using a Qualified Signature/Seal Creation Device (QSCD) with a Qualified Seal (QSeal) for the highest protection of cryptographic sealing keys.

Archiving and verification of signatures and time stamps of incoming documents.

Nonrepudiation and proof of authenticity for signed documents.

Smooth integration with PrimeKey SignServer and sealing operations are independent of the Trust Service Provider.

A Qualified Seal is legally binding within all member states of the EU thanks to eIDAS.



About ESYSCO

We support companies and organisations with world-leading, innovative solutions based on cryptography. Our team specializes in areas such as Digital Transformation, eIDAS electronic signatures, e-administration, PKI, Certificate Management, Virtual SC, PSD2, Data Protection, strong and reliable security with 2FA and SSO authentication, IoT as well as Identity and Access Management with the aim of providing services at the highest level of quality and security.

About PrimeKey

PrimeKey is one of the world's leading companies for PKI and digital signing solutions. Deployed as software, appliance or cloud, our products EJBCA and SignServer deliver the capability to implement an enterprise grade PKI system ready to support solutions such as IoT, e-ID, e-Passports, authentication, digital signatures, code signing, digital identities, and validation; all solutions where digital certificates would be a main enabler.