

PRODUCT SHEET

Advanced electronic seals

With the Qualified Seal ID



Advantages at a glance

01

Effective

No change in media in digital business processes

02

Authentic

Evidence that an electronic document was issued by a legal entity

03

Secure

Protects the integrity of digital documents

04

Certified

Data security from the Bundesdruckerei Group's trust service provider

Electronic seals for documents

In the age of advancing digital government, digital processes are increasingly becoming the norm. Every now and then, however, it is these very processes that falter because they lead us back to the analog world, and hence to a change in media. This also happens when documents need to be sealed, i.e., the document is printed on paper, sealed and then digitized once again. The solution to this dilemma is the digital seal. It ensures the authenticity of digital documents and rules out unnoticed changes once the documents have been created.

“Electronic seals give companies and public authorities an additional tool to further digitalize internal and external processes and thus reduce organizational cycle times.”

Mario Dönnebrink
CEO of d.velop AG

The difference between a signature and a seal

Up to now, anyone looking to securely archive electronic documents or exchange them with other users had only one option: the electronic signature. The electronic seal now offers a second option and is used whenever an organization needs to confirm digital documents in business processes. Unlike the digital signature, the seal is not assigned to a natural person, but always to a legal entity, such as a company or public authority. It is used wherever proof of origin is required rather than a declaration of intent as with the electronic signature.

The digital company stamp

Digital seals are taking public authority seals and company stamps into the digital age. They are a recognized signature tool for legal entities and securely prove the origin (authenticity) and integrity of documents. In a sense, the electronic seal represents a digital company stamp, but it is not legally effective.

The Qualified Seal ID is an advanced seal based on a qualified certificate. The Qualified Seal ID is a digital company stamp with which PDF documents can be digitally sealed and then displayed as 'correct' in Acrobat Reader, for instance.

Uses

The Qualified Seal ID is used in all processes where an organization needs to warrant the authenticity and integrity of a document and where no legal validity is required. In other words, in all areas where proof of origin and document

protection are important. When an organization seals a document electronically, it unambiguously identifies itself as the sender. At the same time, the data is protected against any unnoticed changes. This makes it possible, for instance, to issue and send tax and pension notices or certificates and other certified documents electronically.

Easy delivery and integration into business processes

The Qualified Seal ID is always delivered in the form of a soft certificate for use in server environments. Unlike a signature or seal card, no card reader or middleware is required. The soft certificate is provided via our managed PKI solution: Certificate Service Manager (CSM). The keys can be generated either by the customer or by D-Trust.

Prerequisite for ordering a Qualified Seal ID

