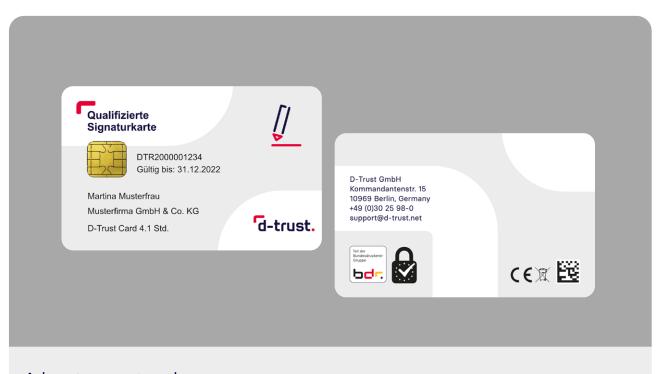# Reliable proof of document origin and integrity

The qualified seal card from D-Trust

Advantages at a glance

01
Legally compliant
Standard-compliant and legally approved administrative processes

02
Trusted
Proof of document origin and integrity

03
Effective
Electronic business processes that require no change

04
Certified according to eIDAS
Europe-wide guarantee of maximum data security

Secure evidence when providing electronic documents

A qualified electronic seal is generated with a seal card. Providing both legal security and high evidential value according to the eIDAS Regulation, the seal also underpins the authenticity and integrity of an electronic document and proves that it comes from a specific legal entity.

Part of the Bundesdruckerei Group

The electronic seal is taking company stamps and official seals into the digital age.

The qualified electronic seal is replacing company stamps or official seals and is particularly suitable for issuing documents in mass applications. These include, for instance, electronic notifications, certificates of attendance and transcripts. However, this seal is also used to secure integration and to preserve the evidential value of documents that are no longer filed as printed documents but instead scanned for electronic archives or incoming mail. Qualified seal cards from D-Trust comply with the eIDAS Regulation (EU 910/2014) and are generally issued to legal entities (for instance public authorities or private companies).

The seal card in practice

Wide range of seal applications
· Integration assurance according to BSI TR-RESISCAN
  in replacement scanning
· Digital archiving
· Tenders and e-tender documents
· Electronic stamps (outgoing and incoming mail)
· Notices from public authorities
· Tax certificates according to section 45 a of the German
  Income Tax Act (EStG, *Einkommensteuergesetz*)
· Electronic invoices
· Bank statements
· Salary statements for loan applications
· Business correspondence
· Testimonials
· Discharge letters, nursing documents, laboratory data
· Recordings of conversations

Select the right card type for you
D-Trust's Standard seal card is used when documents are to be digitally signed individually. If you wish to seal many documents quickly and digitally, use D-Trust's Multi seal card. D-Trust's Multi seal card enables automated seal processes with up to 21,000 seals per hour.

Certificates
· All seal cards contain a qualified X.509 certificate (QES)
  from an eIDAS-compliant Public Key Infrastructure (PKI)
  for generating qualified seals.
· The certificates are valid for a term of up to three years.
· The trusted qualified certificates can be verified
  via the national eIDAS Trusted List* and the
  EU's List of eIDAS Trusted Lists (LOTL)*.

Other components
· The PIN and PUK are provided separately for each
  card for security reasons.
· 'D-Trust Card Assistant' software for card initialization
  and PIN change is provided free of charge.
· Available in the REINER SCT Shop**: Smartcard reader,
  class 2 or 3.
· Software for signature and seal solutions from
  various providers.

* https://webgate.ec.europa.eu/tlbrowser/#/
** https://www.chipkartenlesershop.de/bdr_hw

Product variants

		D-Trust Seal Card 4.4 Standard	D-Trust Seal Card 4.4 Multi
1	Number of signatures per PIN entry	1	Unrestricted
2	Card operating system	CardOS	CardOS
3	Cryptographic keys	RSA 3.072	ECC Nist P-256
4	Algorithm for qualified signatures	RSA-PSS	ECDSA
5	Representation of the qualified electronic seal		