

PRODUCT SHEET

Electronic signatures with a confirmed profession

D-Trust's qualified signature card 4.1 with a 'profession' attribute



Advantages at a glance

01

Legally effective

The QES complies with the legal written form requirement.

02

Verified

Verified attributes for selected activities included

03

Secure

Use of highly secure cryptographic keys and algorithms

04

Certified according to eIDAS

Europe wide guarantee of maximum data security

Profession? Confirmed.

The qualified signature card makes digital signing of electronic documents possible in the blink of an eye. D-Trust's Profession card always automatically adds a registered and verified professional attribute to the signature.

The qualified signature card with a 'profession' attribute is issued exclusively to natural persons and cannot be transferred. Registration of the profession must always be proven. The recipient of a document that has been signed electronically in this way can rest assured that the signature is in fact from the sender, that the sender fulfils the specified qualification and that the contents have not been changed.

Profession attributes in signature certificates supplement the personal identity of the signatory entered in the certificate.

Practical use of 'profession' attributes

For selected professions and activities, proof of qualification can bring advantages in electronic communications. For instance, expert opinions are signed by experts, or digital construction documents are submitted by architects.

With the D-Trust Profession card, D-Trust GmbH, a company of the Bundesdruckerei Group, enables the inclusion of selected professions in the attributes available within the certificate.

A registered profession attribute is possible for chambered professions or publicly appointed experts. Registration must always be proven. A change in professional status may cause the certificates to be revoked.

Possible registrations

Certificates for publicly appointed and sworn experts contain the respective field of expertise and are confirmed by the responsible Chamber of Crafts or Chamber of Industry and Commerce (IHK).

Other professions are confirmed by the respective competent chambers in Germany. D-Trust offers the professional attributes exclusively for German professional titles:

- Architekt/Architektin
- beeidigter Übersetzer/beeidigte Übersetzerin
- Ingenieur/Ingenieurin
- öffentlich bestellter Vermessungsingenieur/öffentlich bestellte Vermessungsingenieurin
- Patentanwalt/Patentanwältin
- Rechtsanwalt/Rechtsanwältin
- Steuerberater/Steuerberaterin
- Tierarzt/Tierärztin
- Wirtschaftsprüfer/Wirtschaftsprüferin

Advantages of signature cards

- Cost efficient since the only expense incurred is the cost of buying the card itself
- Organisational data can be added
- Possible use in offline mode

Select the right card type for you

D-Trust's Profession standard card is used when documents are to be digitally signed individually. For signing up to 100 documents in one convenient work step, the D-Trust Profession card M100 is the solution of choice.

Certificates

- All signature cards contain a qualified X.509 certificate from an eIDAS-compliant PKI for a qualified electronic signature (QES).
- All signature cards additionally contain a non-qualified X.509 certificate for authentication and encryption purposes.
- The certificates are valid for a term of up to three years.
- The trustworthiness of the 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.
- The D-Trust Card Assistant software for card initialisation and PIN change is provided free of charge.
- A chip card reader is available from the REINER SCT shop**.
- Software for signature and seal solutions is available from various providers.

*<https://webgate.ec.europa.eu/tl-browser/#/>

**https://www.chipkartenleser-shop.de/bdr_hw/zubehoer-d-trust-card-4x

Product comparison

	D-Trust Profession Card 4.1 Standard	D-Trust Profession Card 4.1 M100
1 Number of signatures per PIN entry	1	100 max.
2 Card operating system	CardOS 5.4	CardOS 5.4
3 Cryptographic keys	3,072-bit RSA	ECC Nist P-256