

eID SERVICE

Making the most of the new German ID card

Since November 2010, holders of the new German ID card have been able to use additional electronic functions that enable secure identification in the online world. The many eID applications possible include online shopping, the conclusion of contracts on the net or opening an account online, not to mention the diverse range of eGovernment applications available. Irrespective of the services which you wish to use or offer in conjunction with the online ID function, Bundesdruckerei's eID service guarantees the reliable and highly secure exchange of data at all times. In this way, you can benefit from the experience and system competence of one of the world's leading document producers.

Advantages at a glance:

- > Secure and data-thrifty mutual online authentication
- > Use of anonymous log-in and registration procedures (pseudonym function)
- > Verification of age and place of residence
- > Conventional ID procedures no longer required when the qualified electronic signature (QES) is activated
- > Legal certainty, efficiency and convenience for online communications
- > Reliable data transfer via Bundesdruckerei's accredited trust center
- > Convenient eID connection taking international security standards into account

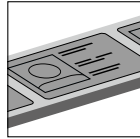
BUNDESDRUCKEREI – SYSTEM PORTFOLIO



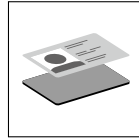
Enrolment



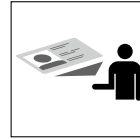
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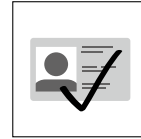
Document



Personalisation



Issuance



Verification



eServices

AUTHORISATION CERTIFICATE

The authorisation certificate, an important element of the data protection strategy behind the new German ID card, enables mutual authentication of ID card holders and service providers with a minimum of data along with regulated use of the new eID functions.

eID SERVICE

The eID service guarantees on behalf of the service provider the secure exchange of data with users of the new online ID function. This involves:

1. Authentication of the service provider by means of the authorisation certificate
2. Communication with the new German ID card, including all cryptographic protocols
3. Ensuring the authenticity and validity of the ID card and checking revocation lists
4. Reading out data and providing the data read out
5. Providing and exchanging selected data

SECURE DATA EXCHANGE

Clear and reliable ID data creates mutual trust. With the ID card holder's consent, the following document data can be used for the online ID function:

- > Family name, given name, if applicable: doctor title
- > Date and place of birth, home address
- > Service-specific or card-specific ID
- > Verification of age and place of residence

BUNDESDRUCKEREI'S SERVICES

In order to help private companies and public administrations to implement secure online authentication, Bundesdruckerei offers the following services as part of its full-service package:

- > Help when submitting applications for authorisation certificates to the Issuing Office for Authorisation Certificates
- > Issuing of legally compliant authorisation certificates via D-TRUST, Bundesdruckerei's accredited trust center
- > Testing the overall solution in the reference system and transferring it to productive operation

THE eID SERVICE

