

PRODUCT SHEET

# Integrating the eID function of the German National Identity Card

D-Trust's eID service



## Advantages at a glance

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### Secure

Highest level of assurance with the eID function of sovereign documents

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### eIDAS-enabled

Online identification with notified eID schemes of European countries

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### Versatile

Suitable for authorised online, on-site- and identification service providers

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### Scalable

Scaling and cost advantages compared to alternative identification procedures

## D-Trust's eID service: Easy integration of the online ID card for secure identification

Secure digital identities are needed in many areas, be it to combat money laundering and white-collar crime or when applying for public services. The eID function of the German National ID Card has already been available since November 2010. With D-Trust's eID service, which is certified in accordance with the TR-03130 directive of the Federal Office for Information Security (BSI), service providers can not only identify their customers on the Internet, but also read out ID data electronically at the point of service (POS) or act as ID service providers for third parties. All documents with an eID function as well as eID schemes that have been notified to the European Commission in accordance with the eIDAS Regulation can be used for this purpose.

# The eID function stands for secure, flexible and transparent identification on the Internet and on-site.

Source: Personalausweisportal ([Personalausweisportal – Online-Ausweisen mit Ausweiskarte](#))

## Maximum security

D-Trust's eID service not only verifies the identity of the ID card holder, but also the authenticity and revocation status of the ID card itself. And this is how the service works: The ID card data read during authentication is encrypted and signed in accordance with technical guidelines and laws. The service provider must have a valid authorisation certificate to access the ID card. In addition, the eID service keeps a revocation list, which is used to determine the validity of an ID card each time it is accessed by the eID service.

## Wide range of applications

D-Trust's eID service is suitable for any service provider:

- Service providers who request electronic proof of identity for their own service, i.e., identify their own customers on the internet (section 21 of the German Act on Identity Cards and Electronic Identification (PAuswG, Personalausweisgesetz).
- On-site service providers who read out ID card data from holders at the point of service (section 21a PAuswG)
- Identification service providers who provide electronic proof of identity for third parties, i.e., identify their customers' end users on the Internet (section 21b PAuswG)

All documents with an eID function can be used, i.e., the German National ID Card, the electronic residence permit and the eID card for citizens of the EU and the EEA. In addition, notified eID schemes from other EU member states can also be read out for identification purposes.

## Simple connection

Three simple steps are all it takes to connect to D-Trust's eID service:

1. Apply for authorisation from the Office for Authorisation Certificates (VfB) at the Federal Office of Administration
2. Purchase the authorisation certificate and eID service connection from D-Trust
3. Exchange certificate material and implement using SAML or SOAP in the service provider's application

## Consulting and implementation

D-Trust's experts will be pleased to advise you on eID-based identification method and will help you to implement the solution in your existing infrastructures and workflows.

