

PRODUCT SHEET

Open banking – secure and compliant implementation of PSD2

QWACs and QSeals for payment service providers



Advantages at a glance

01

Legally valid
certificates, seals
and identification
processes are eIDAS
and PSD2 compliant

02

**Secure and
confidential**
certified processes
and data manage-
ment with D-Trust

03

**Optimized for high
PSD2 throughput**
seal certificate avail-
able without a card

04

Flexible
solutions for
managing multiple
certificates

PSD2 demands qualified website and seal certificates

With the Second Payment Services Directive (PSD2), the EU has now regulated online payment traffic between market participants within the EU. Among other things, the PSD2 obligates banks operating in the EU to grant third-party providers access to customer accounts in an effort to improve consumer protection, increase competition in payment traffic by opening up the market for financial service providers, and boost innovation with new offers for consumers.

The further development of an integrated internal market for secure payments is a crucial factor for economic growth in the EU.

D-Trust is one of the few providers in Europe of so-called qualified website authentication certificates (QWACs) and qualified electronic seals (QSeals) as specified in the PSD2. D-TRUST, Bundesdruckerei-Group's certified trust service provider, has many years of experience in the management of website and seal certificates. After providing test certificates, D-TRUST has been supplying production certificates with the PSD2 extension for all European markets since March 2019. This marked the beginning of the second test phase for banks and third-party providers, the so-called market probation period with access to real accounts.

The solution and its components

Qualified website certificates for secure communication

QWACs with PSD2 extensions are required to secure communication between banks and other payment service providers. The third-party provider uses the QWAC to identify itself to the account-keeping payment service provider, stating its role and registration ID with the competent national authority. At the same time, the qualified website certificate secures communication with third-party providers at the transport level.

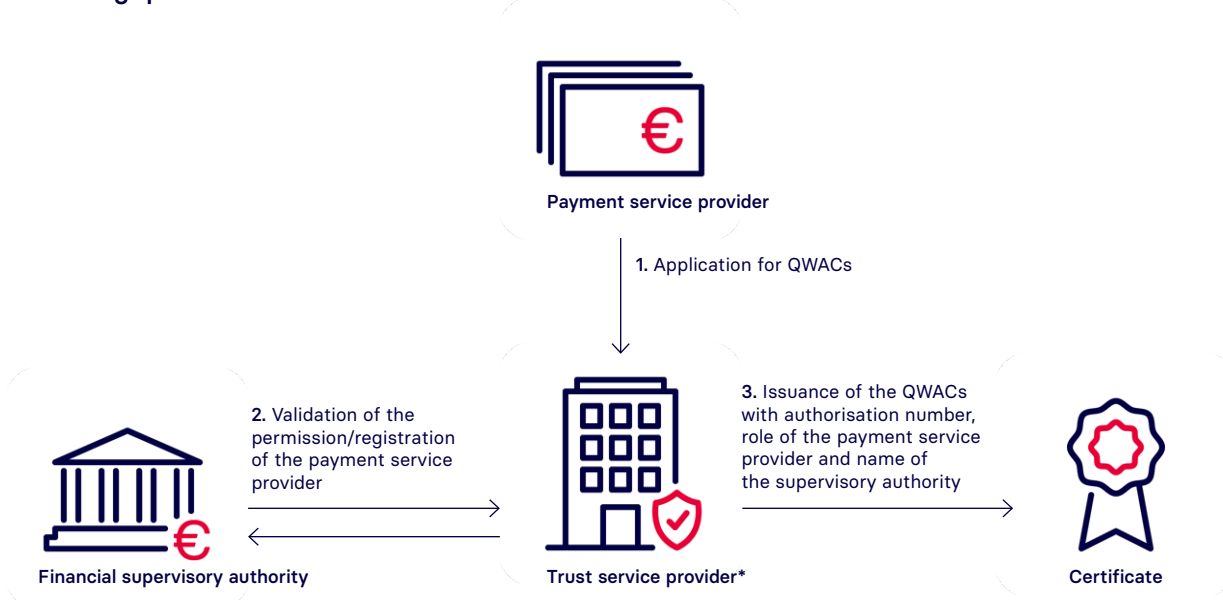
Qualified seals for legally secure data exchange

When demanded by the account-keeping payment service provider, Qseals are also required in order to document the requests of the service providers in a legally recognised manner and protect the data against changes – even after the data exchange. Seal certificates are available as a cardless solution. Due to its easy handling and unlimited throughput, the cardless version is generally preferable for use with PSD2. As a qualified trust service provider, D-TRUST adheres to a strict and certified identification procedure. For qualified certificates and seals, details of the requester and the organization must be provided, and the requester's identity will be verified. QWACs and seal certificates are delivered by e-mail.

Implementation deadlines and availability

- **Since February 2019:** provision of test certificates
- **Since May 2019:** provision of production certificates for the market test on the production system to avoid the fallback solution
- **Since 14 September 2019:** obligation to implement in live operation

Obtaining qualified Website and Seal Certificates



* with output permission for PSD2 certificates (according to EU trusted list)