



Open Banking – Secure and Compliant Implementation of PSD2

QWACs and QSEALs for payment service providers



PSD2 demands qualified website certificates and seals

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 to boost innovation with new offers for consumers.

Bundesdruckerei is one of the few providers in Europe of so-called qualified website authentication certificates (QWACs) and qualified electronic seals (QSEALs) specified in the PSD2. D-TRUST, the certified trust service provider of Bundesdruckerei, has many years of experience in the management of certificates and seals.

On 17 May 2019, Bundesdruckerei introduced live certificates (QWAC and QSEAL) in line with PSD2 requirements. This marks the beginning of the next test phase for banks and third party providers, so the so-called market probation period with access to real accounts.

**14 SEPT.
2019**

Implementation deadline for PSD2 requirements and start of live operation

– Source: EU 2018/389

Advantages at a glance

- **Legally valid** – certificates, seals and identification processes meet the requirements of eIDAS and the PSD2
- **Secure and confidential** – certified processes and data management with D-TRUST
- **Flexible** – solutions for the management of multiple certificates

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 national competent 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 recognized manner after the data exchange.

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.

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

The certificates are delivered by secure electronic communication and the seals are supplied on electronic seal cards. For customers with a high seal throughput, we can offer a solution with a Hardware Security Module (HSM) from a partner instead of using a seal card.

Implementation deadlines and availability

- **From February 2019:** Provision of non-validated test certificates for implementation at banks
- **From March 2019:** Provision of validated test certificates for test operation in a test environment
- **From 17 May 2019:** Provision of real certificates for market test on the live system to avoid the fallback solution
- **14 September 2019:** Start of live operation

ABOUT BUNDESDRUCKEREI

Bundesdruckerei GmbH offers innovative and complete IT security solutions for private companies, governments and public authorities. The company's technologies and services, all 'Made in Germany', protect sensitive data, communications and infrastructures. The solutions are rooted in the secure identification of citizens, customers, employees and systems in both the analogue and digital world. Bundesdruckerei offers its customers a one-stop approach that begins with consultancy, includes design and implementation and is rounded off by operation and service.

