



## Welcome to Cert4Trust

Cert4Trust ensures tamper-proof handling and trustworthy validation of digital certificates using blockchain technology.

Blockchains allow fast and tamper-proof transactions while also guaranteeing a high level of security for data storage. While traditional data bases store data in one central location, blockchain technology is built on decentralized and distributed data storage. Therefore blockchains are well protected against attacks from third parties or hackers.

- Setup and operation of a public permissioned blockchain with worldwide distributable nodes
- Consensus mechanism: proof of authority
- Open source technology
- Guaranteed security through issuer of certificate
- Cancellation of invalid certificates



### Easy

Validation service is open for direct and easy usage through our web application and every standard web browser.



### GDPR compliant

Only the hash value, no personal data is stored or handled by Cert4Trust.



### Secure

Blockchain technology ensures a high level of transaction security at minimal cost.



### Open

By design open to multiple participants, automated processes and secure connection with third party APIs.

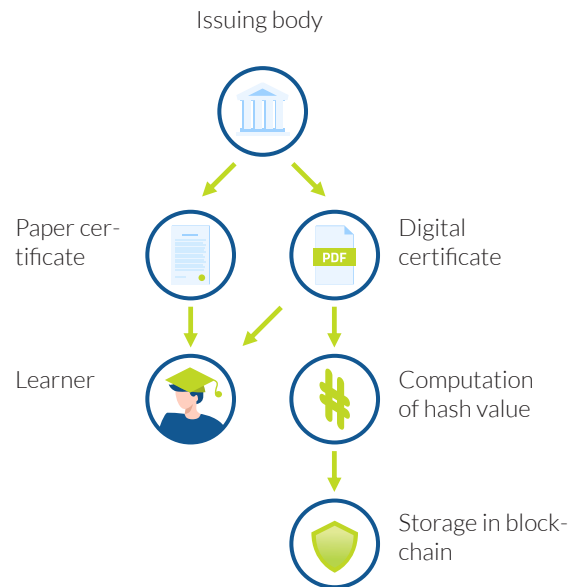


### Resource-friendly

Minimal energy consumption due to proof of authority

For more details please visit: <https://www.cert4trust.de>

## 1. Issue of certificates



## 2. Application



## 3. Validation

