

# PKI as a service

**Maximum flexibility  
and security**

**Data and communication security is a decisive competitive advantage, which is ensured by authenticity, integrity and confidentiality. A Public Key Infrastructure (PKI) and a Key Management System (KMS) make this possible. They protect communication between IoT devices and platforms, creating trust in digital interactions.**

## A PKI for all application scenarios

PKIs can be used to implement a wide range of security applications, such as user authentication for access to data and devices, securing software updates in devices or vehicles as well as integrating intelligent electricity meters into communication networks. The secunet eID PKI Suite offers a turnkey solution for a wide range of application scenarios, regardless of their size. Based on the extensive know-how from more than 350 projects and more than 25 years of experience in the field of PKI design and implementation, the secunet eID PKI Suite is the complete solution for all application scenarios.

The universal usability of the secunet eID PKI Suite is based on its modular approach: the individual software modules together form a powerful overall system or, when implemented individually, complement existing system architectures. Whether on-premise, in your own cloud or at the next level as a service – we offer the right mode of operation for your needs.

## Why run your PKI as a service?

Building and operating your own PKI is complex and resource-intensive, while at the same time there is an increasing shortage of specialists. The cloud-based as a service solution solves this dilemma: maintenance, backup and ongoing adaptation to new security requirements are handled by our experts. This frees up internal IT resources and protects your investment. Our PKI is scalable, allowing you to respond quickly to changing requirements. It already addresses the threat of quantum computers by supporting post-quantum cryptography (PQC) algorithms.

### Your benefits at a glance

- “Made in Germany”, GDPR-compliant operation in German data centres
- Efficient, scalable and location-independent solution
- No need for your own operating resources
- Complete operation in the cloud: backup, updates and availability are reliably regulated via SLAs
- PQC algorithms can be supported