

PROJECT

TVVIN

Trusted Versatile Verifiable Identity NG

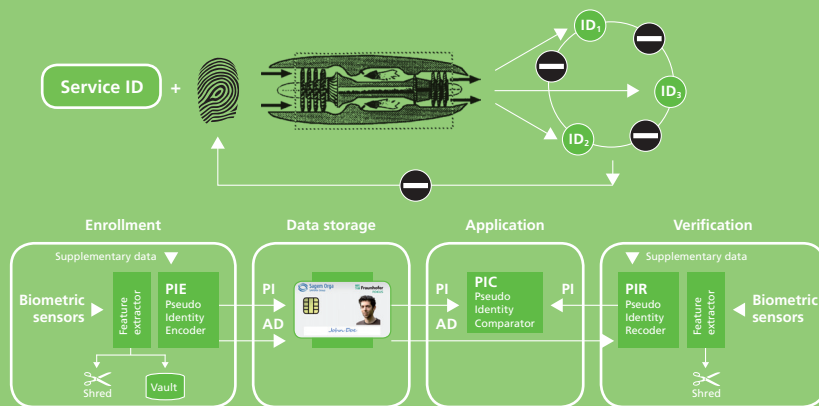
In the “TVVIN”-project concepts and technologies are being studied to support data protection and privacy of citizens when using biometric authentication. Access control using PIN or password is based on the con-

cept of secret knowledge. This knowledge must be protected from 3rd parties – therefore, must not be easy to guess – and at the same time must not be misremembered. Asset-based methods are more comfortable. Biometrics can be used easily and with security comparable to PIN or password.

The prototypes developed within the project integrate biometric hashing, anonymous signatures, and smartcards as highly access-secured storage and processing devices to assure the previously mentioned data protection requirements for biometric authentication.

Objectives

- Research on Technologies for data-protection-friendly biometric authentication
- Development of prototypes for biometric authentication
- Evaluation of technologies and prototypes in different application scenarios: e-government, e-health, and physical access control



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