

Egis FIDO UAF Solution

Eco System Architecture

fingerprint enabled device



Content Server



Enterprise Server



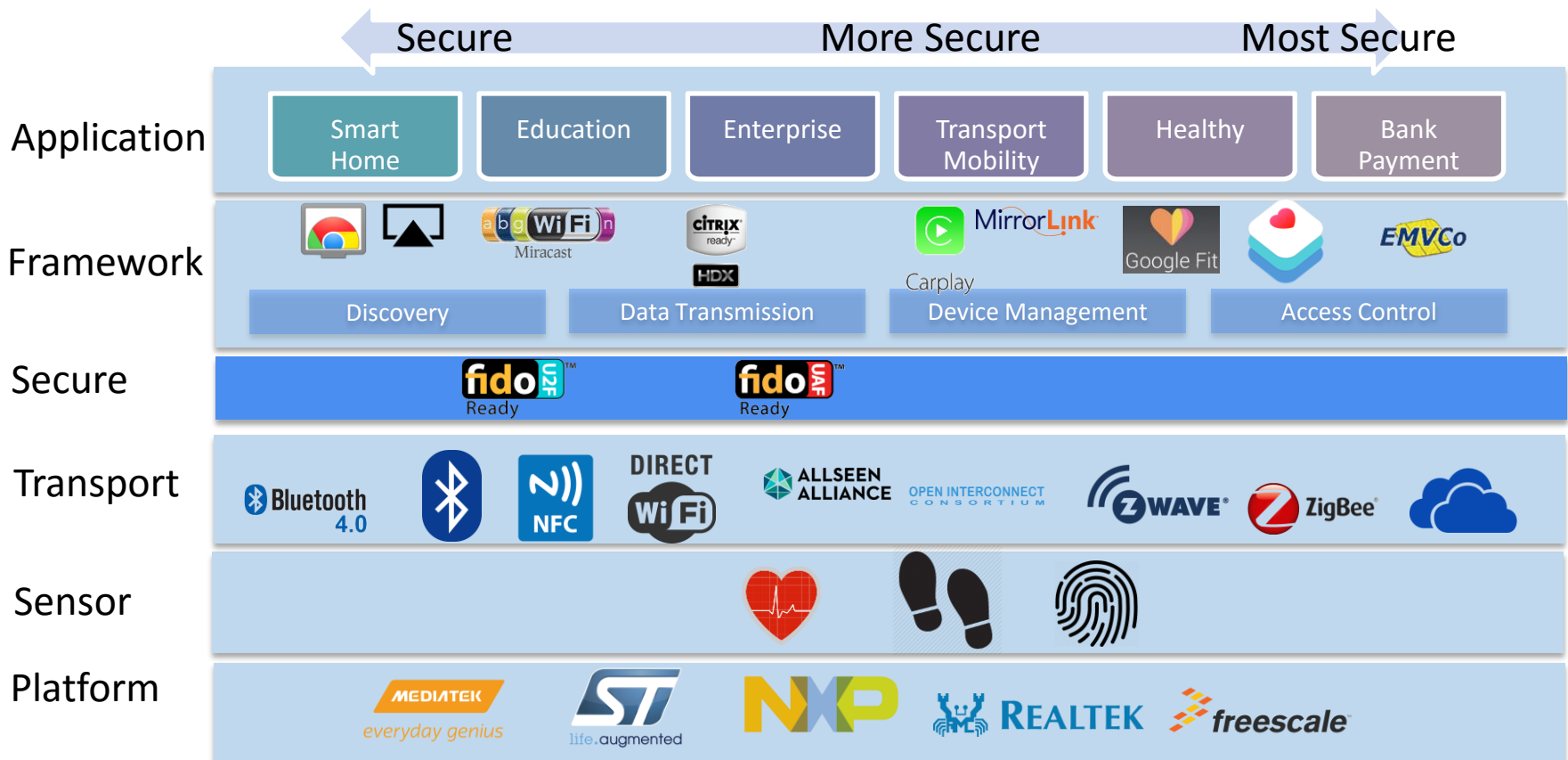
FIDO Server



Payment Server

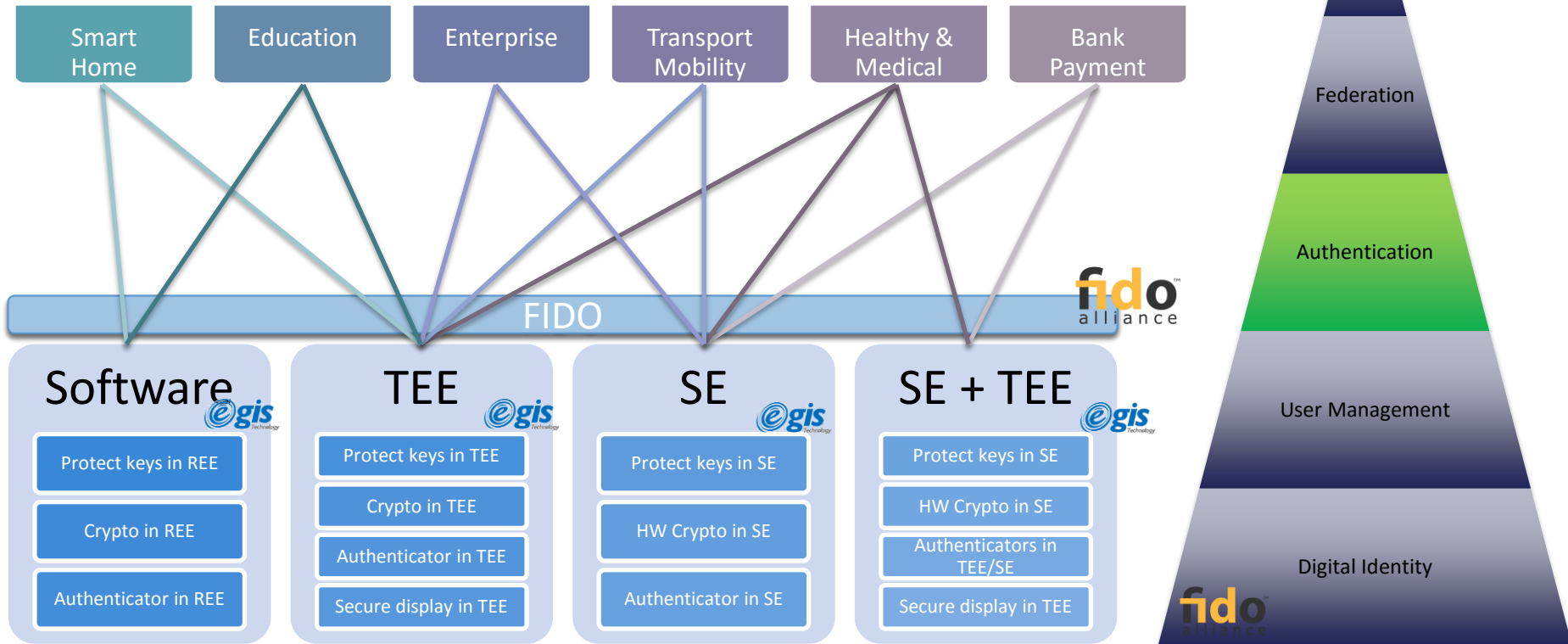
FIDO and Connected Applications

- Egis offers Trusted IOT via FIDO at different area



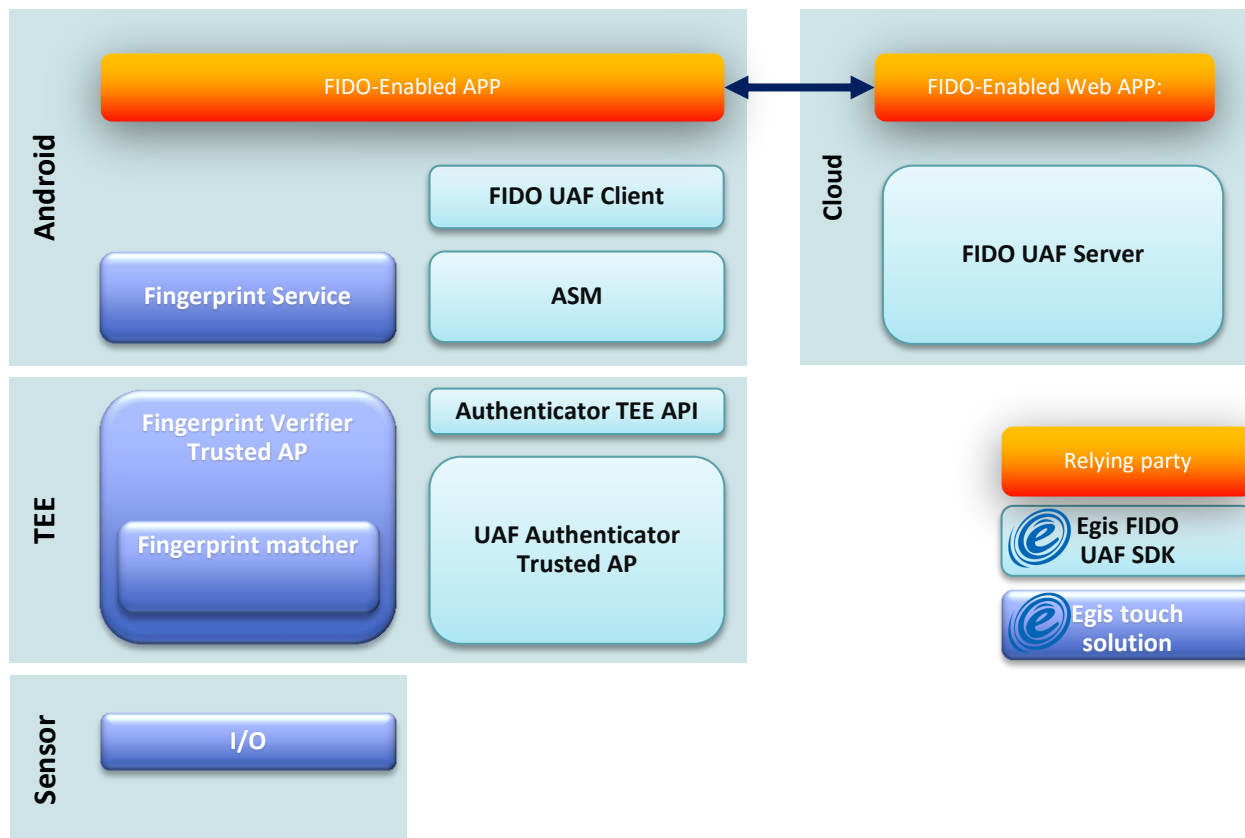
Possible Trusted Solution

- Different level of authenticators ensures different secure requirements



“Yukey” Egis UAF solution

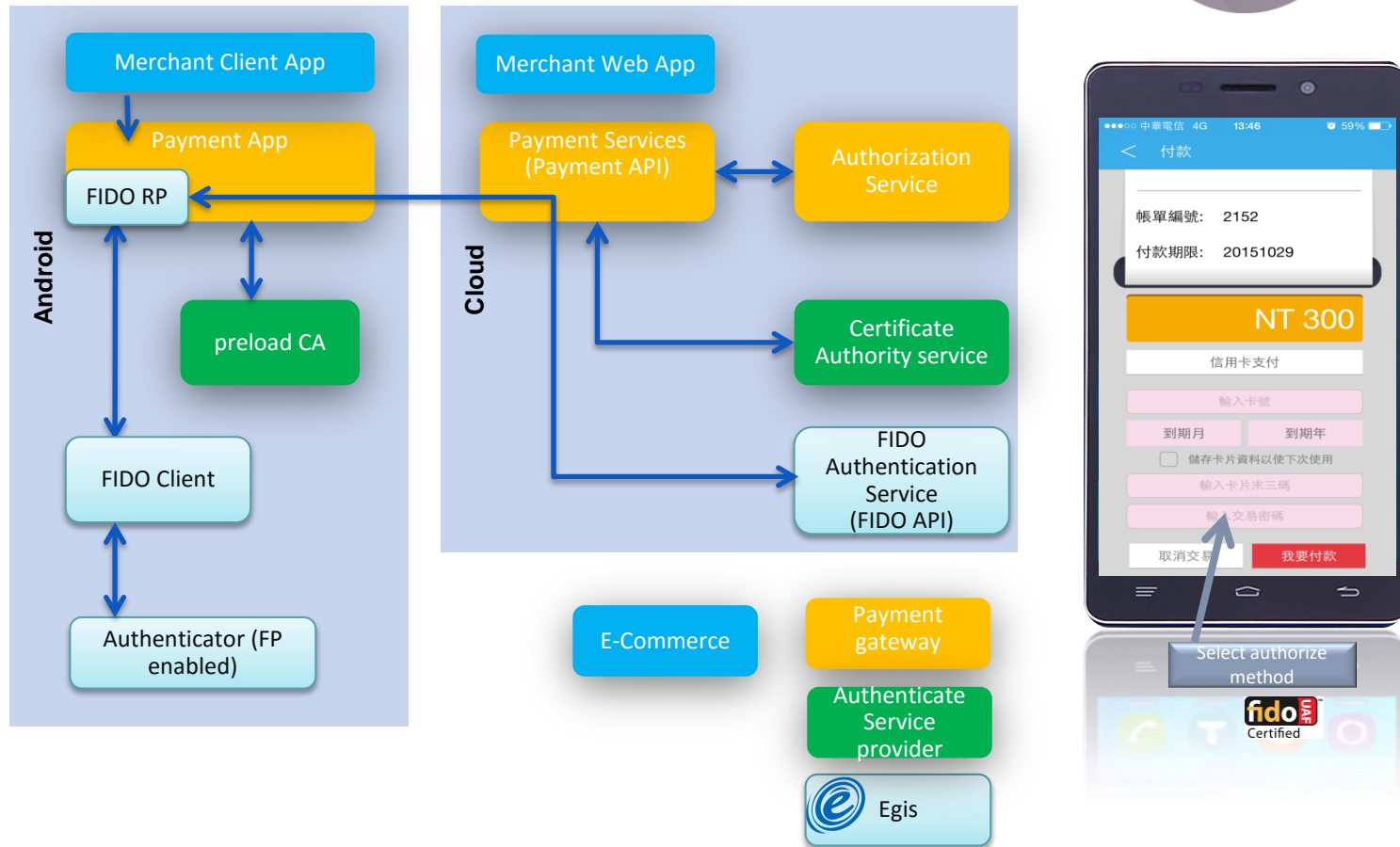
- Offering Client & Server SDK, both are FIDO certified at May & July
- Biometric verification enabled authenticator, a.k.a. Egis touch solution (fingerprint)



Payment Service using Egis Fingerprint FIDO UAF Solution

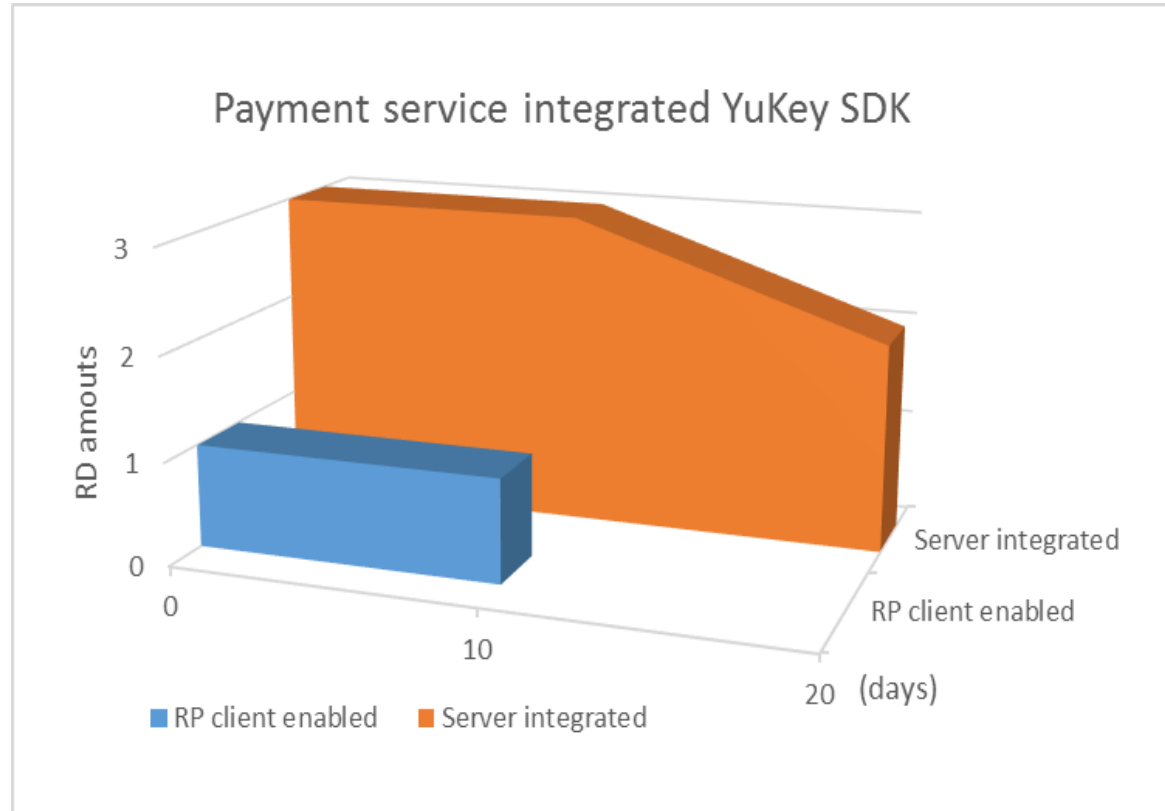
Integration case: Payment Service

- Multiple authorization services supporting
- Visible in 3rd party application



Integration Case Study

- Client
 - ✓ Seamless upgrade to 2nd factor verification
 - ✓ Bio-metric identification methodology adopt
 - ✓ Account association & registered authenticator house keeping
- Server
 - ✓ Performance issue, considering cryptographic hardware accelerator
 - ✓ Scalability & security
 - ✓ Multiple authentication strategy method



Demo

- Egis YuKey UAF Demo
- Egis YuKey Payment Service Demo
 - Federated ID & payment ‘YuKey QRBuy’