



Securing the user experience, with a Smartphone App Authenticator (SAA)

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Why Smartphone App Authenticator (SAA)?

Fulfills user expectations
of UI and biometrics

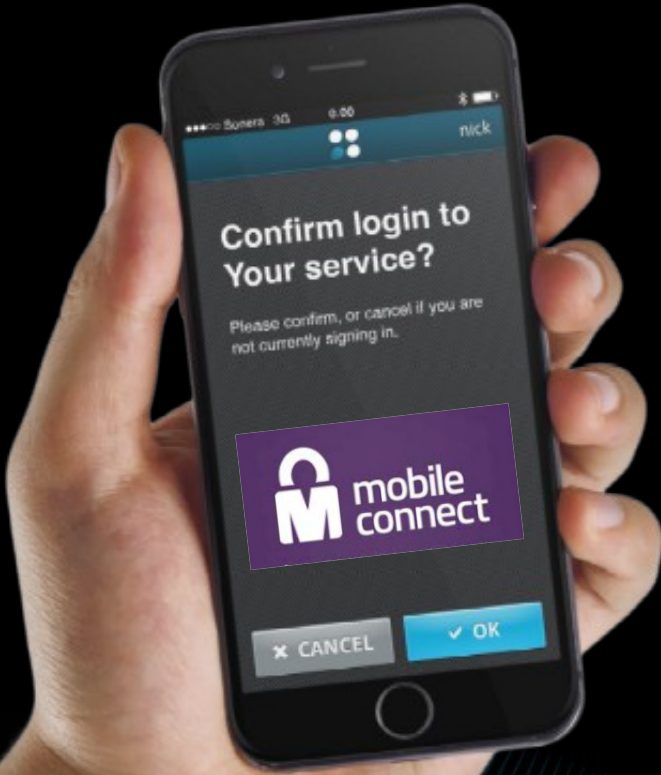
SIM cards are going
virtual

SAA enables dynamic
authentication policies
supporting LoA1 - LoA4

SAA still enables digital
signatures and strong
security

mepin Smartphone App Authenticator

Android, iOS and Windows Phone app or app SDK +
accompanying cloud service or on-premise server



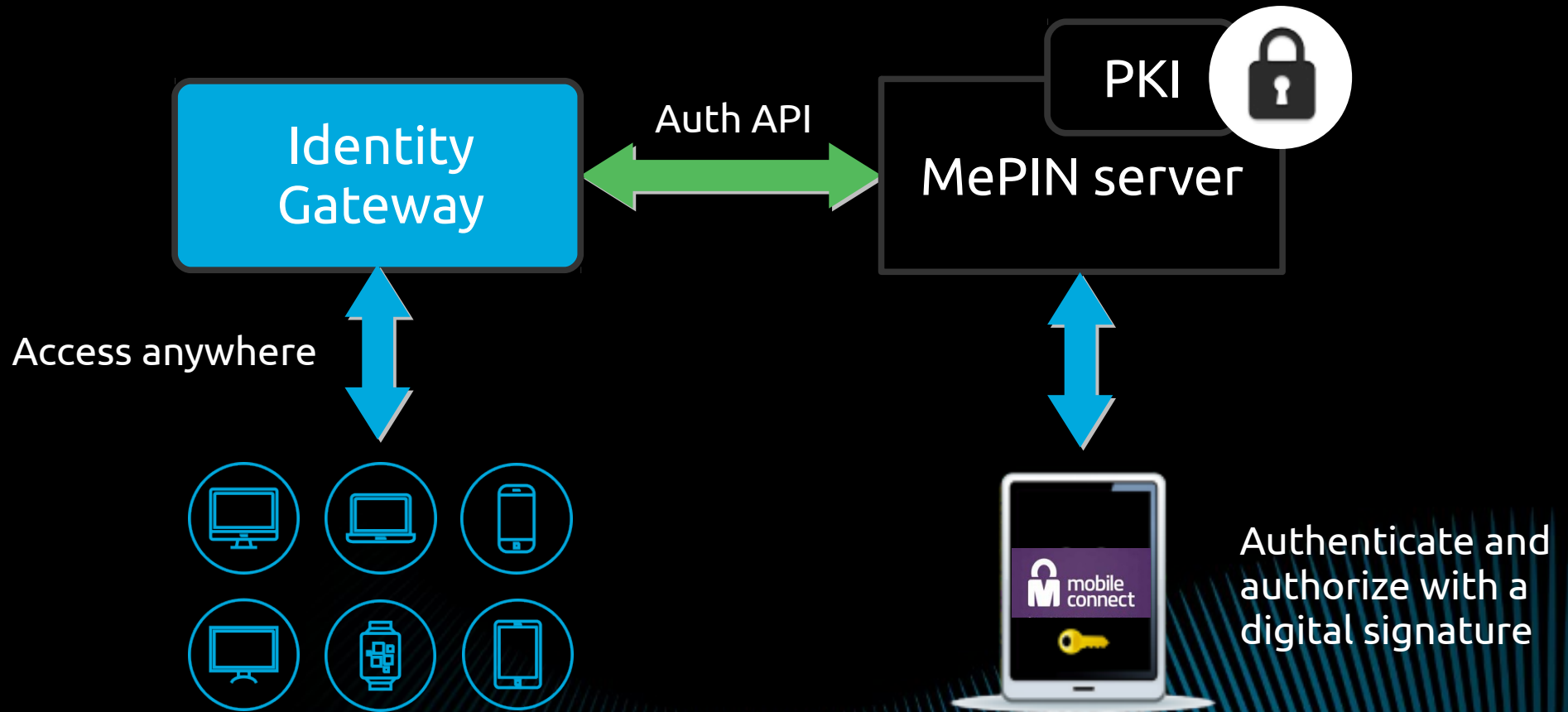
Fast.
Mobile.
Secure.



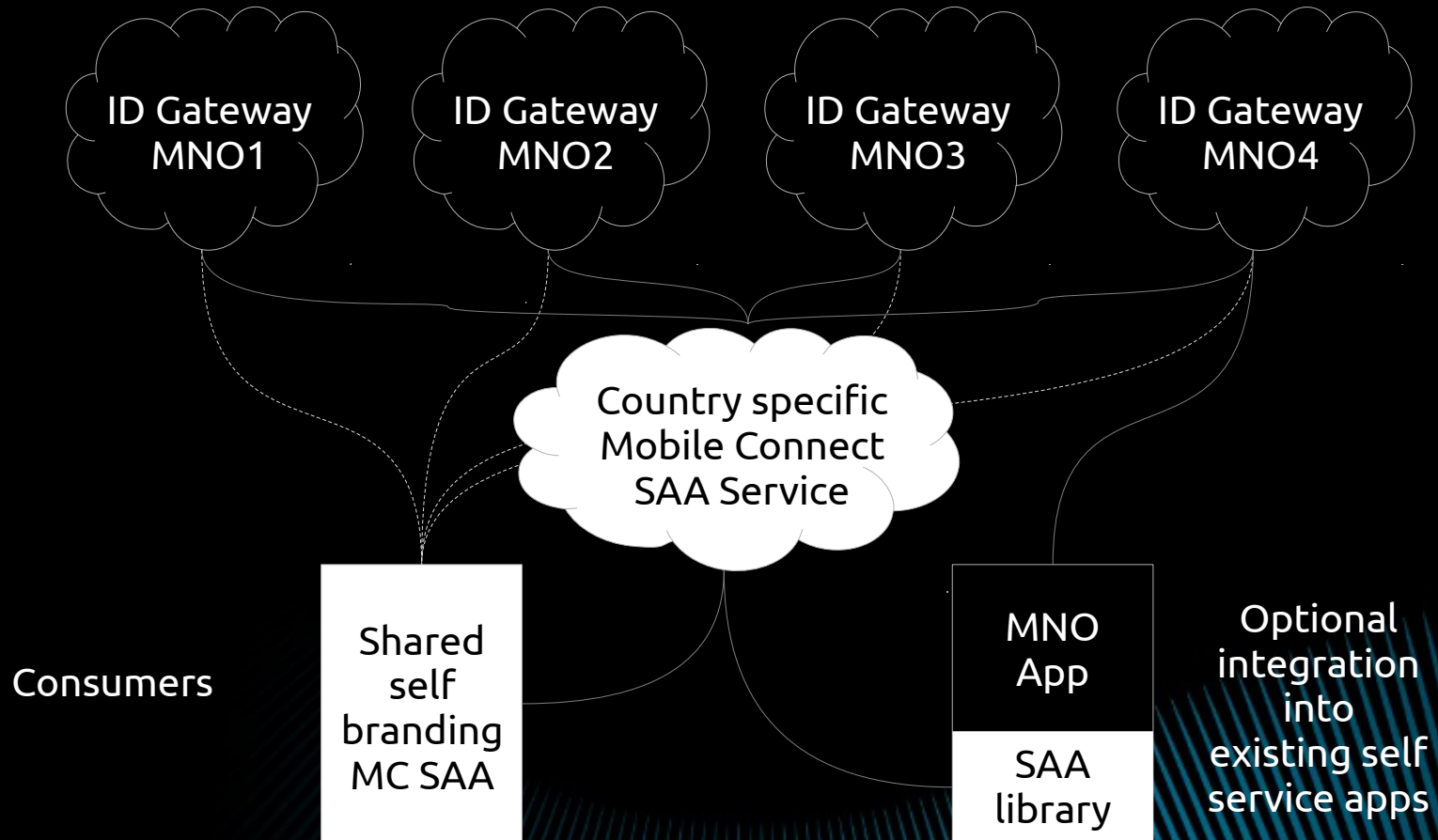
Software smartcard in Your app

Dynamic authentication with a simple tap, PIN, fingerprint
or face recognition based on Service Provider policies

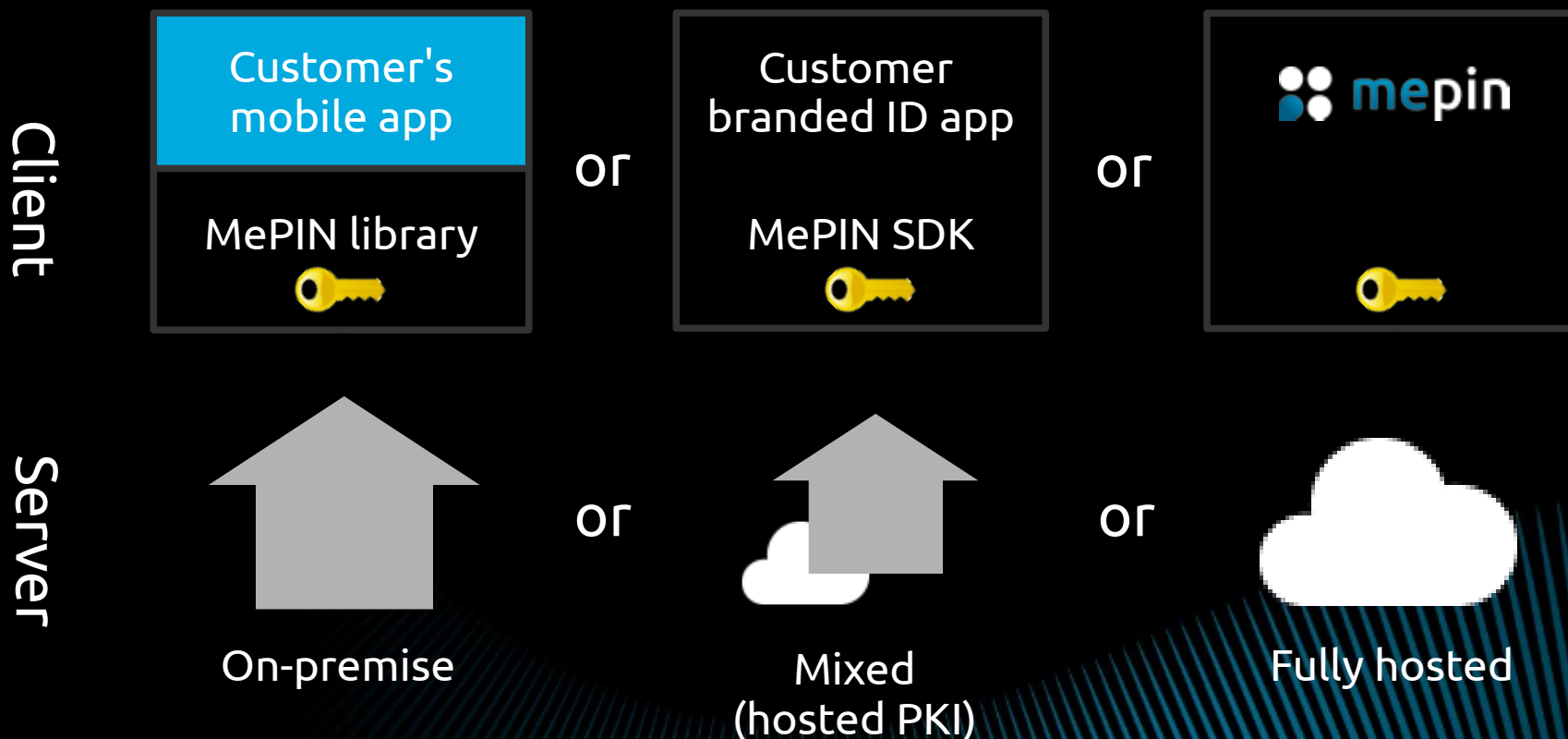
Strong authentication on any channel



mepin supports multi-MNO deployments



Flexible deployment, from cloud to on-premise



Active Transaction & Authentication Core (ATAC)



Protection against malware & attacks

- | | |
|--------------------------|---|
| OS / platform security | Whitebox / HW crypto (FIPS certified) |
| PIN/FP/Face verification | Code obfuscation / tamper detection |
| Local data encryption | (Opt) Mobile network binding |
| Device - data binding | (Opt) SIM card binding |
| Jailbreak/root detection | (Opt) Trusted Execution Env integration |

Device & transaction verification

- Device revocation check
- Transaction integrity check
- Digital signature verification
- Collecting additional data for 3rd party fraud detection tools

Complete future proof authentication platform

Mobile PKI
+ biometrics



FIDO
U2F/UAF



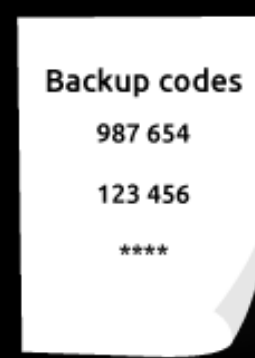
Mobile & HW
TOTP



SMS
OTP



Paper
OTP



MePIN Authentication Provider

High security
+ high usability

Single unified API

Legacy users
+ fallback options



... because passwords are evil.