



BIOMETRICS IN FINANCIAL SERVICES

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Designed for the enterprise, HYPR decentralized authentication ensures that personal credentials such as biometrics, PINs, and passwords always remain safe on users' devices.



With millions of consumers and employees secured across the Fortune 500, HYPR is the first authentication solution to unite frictionless user experiences with decentralized security.



TODAY'S AGENDA

- STATE OF AFFAIRS
- DECENTRALIZE EVERYTHING
- HARDWARE BACKED SECURITY
- HYPR & TRUSTONIC
- THE FUTURE IS DECENTRALIZED



STATE OF AFFAIRS

EVERYTHING IS
CENTRALIZED



Payments



Banking



Government



Health



STATE OF AFFAIRS

MOBILE INSECURITY IS REAL



Malware



SMS



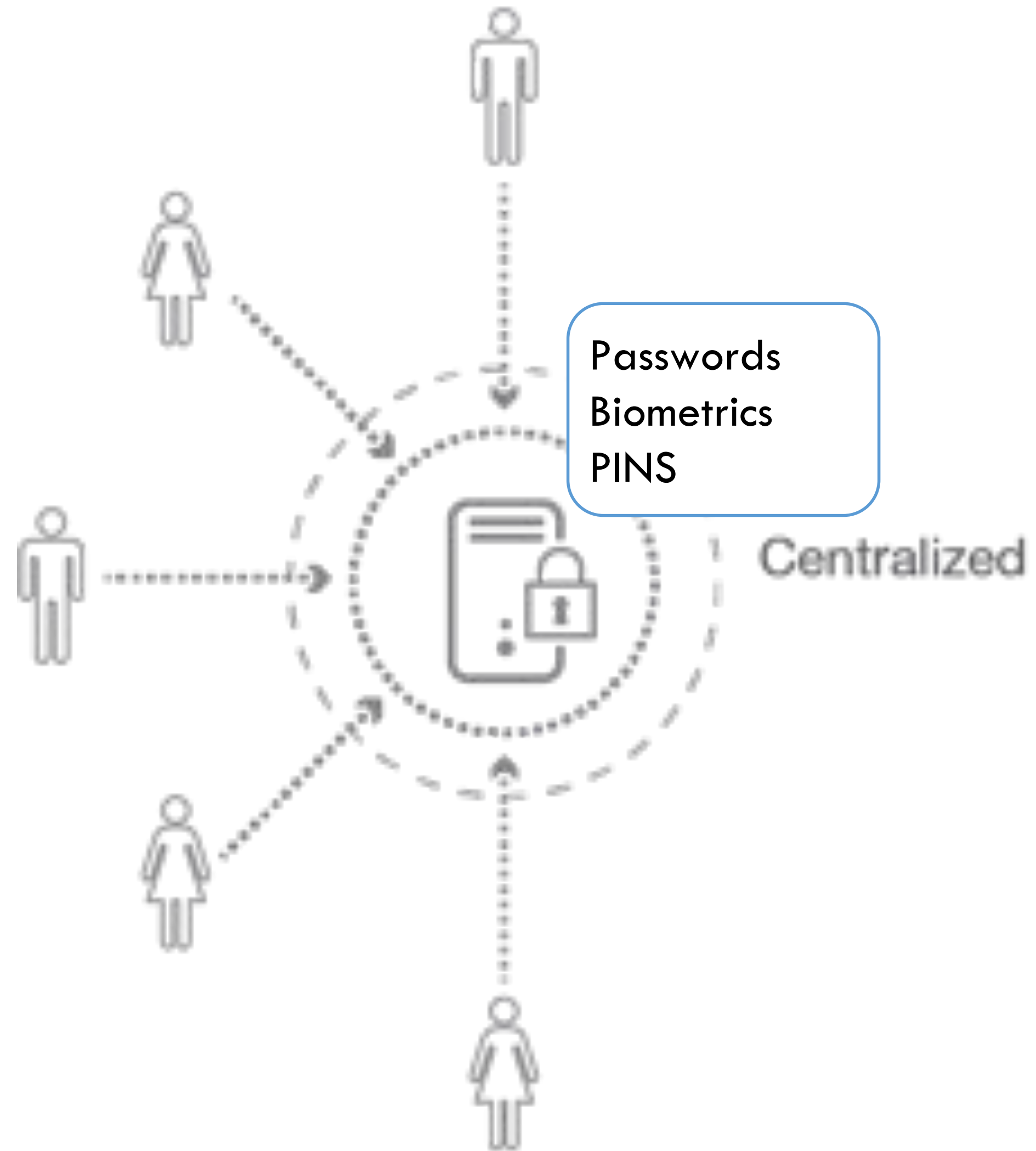
Phishing



Biometrics

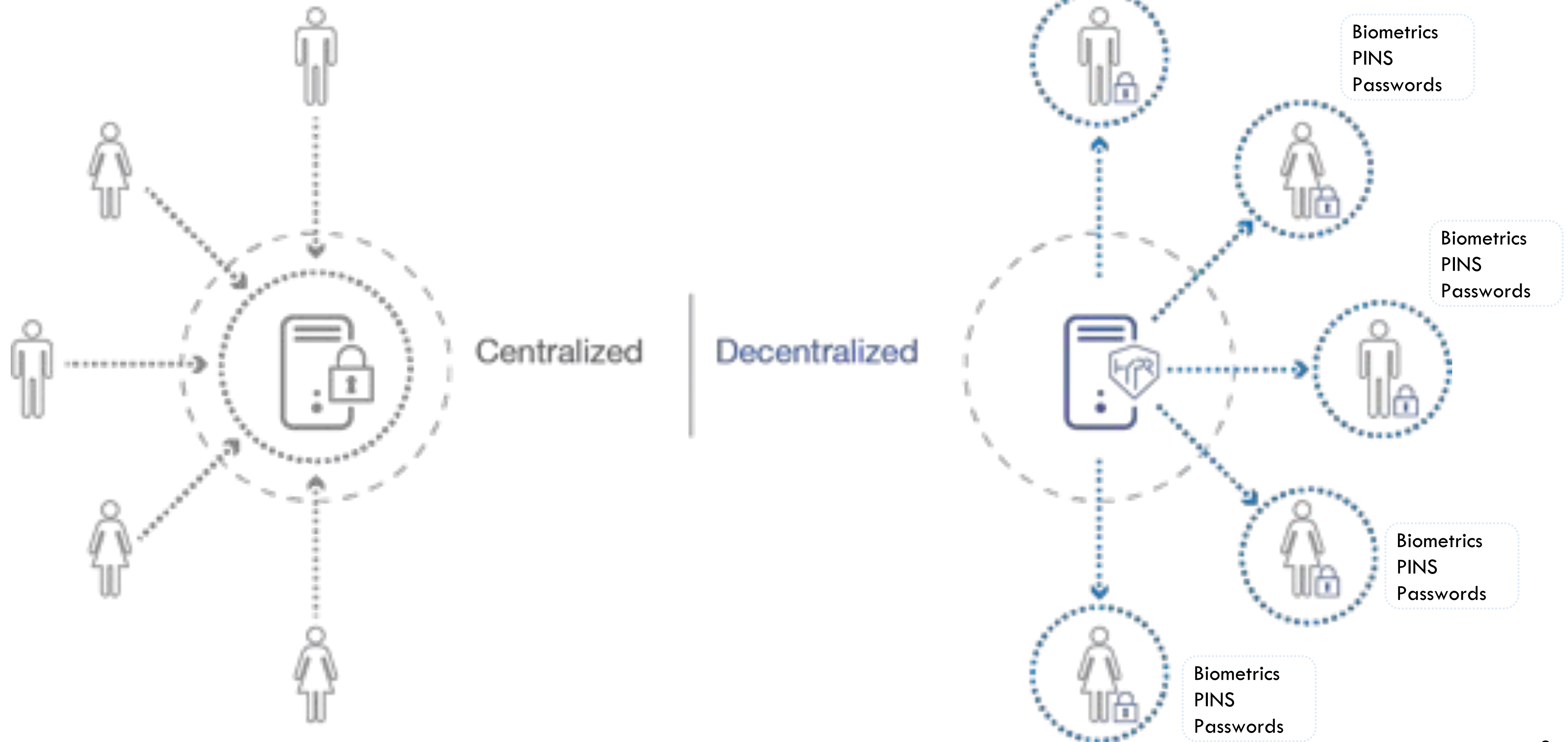


DECENTRALIZE EVERYTHING



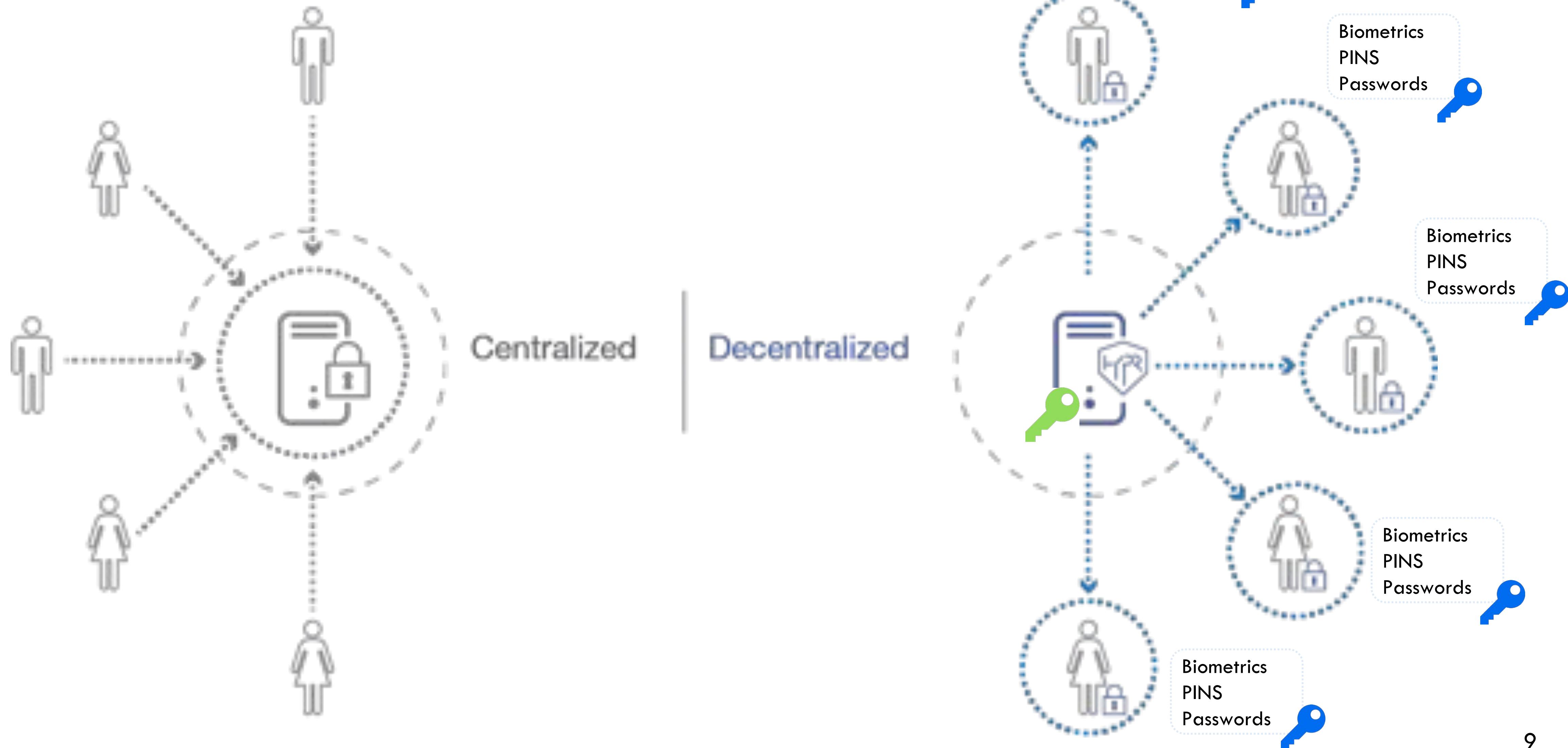


DECENTRALIZE EVERYTHING





DECENTRALIZE EVERYTHING





HARDWARE BACKED SECURITY

WHAT IS IT?





HARDWARE BACKED SECURITY

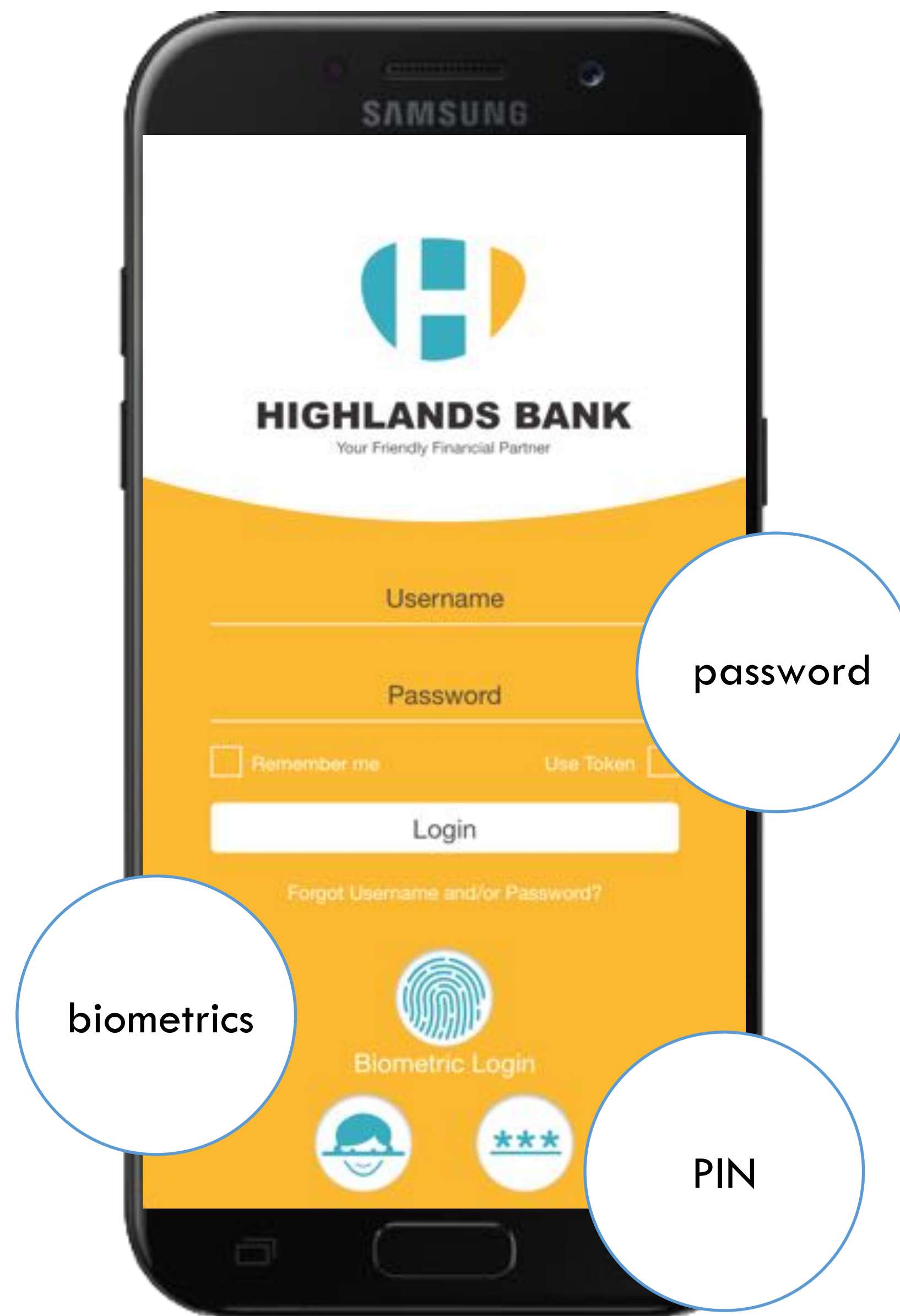
IMPORTANCE TO DECENTRALIZATION

- “RICH” Operating Systems cannot be trusted
- Secure location for Biometrics, PINS, Passwords is needed.
- Support for higher Levels of Assurance (LoA)



HARDWARE BACKED SECURITY

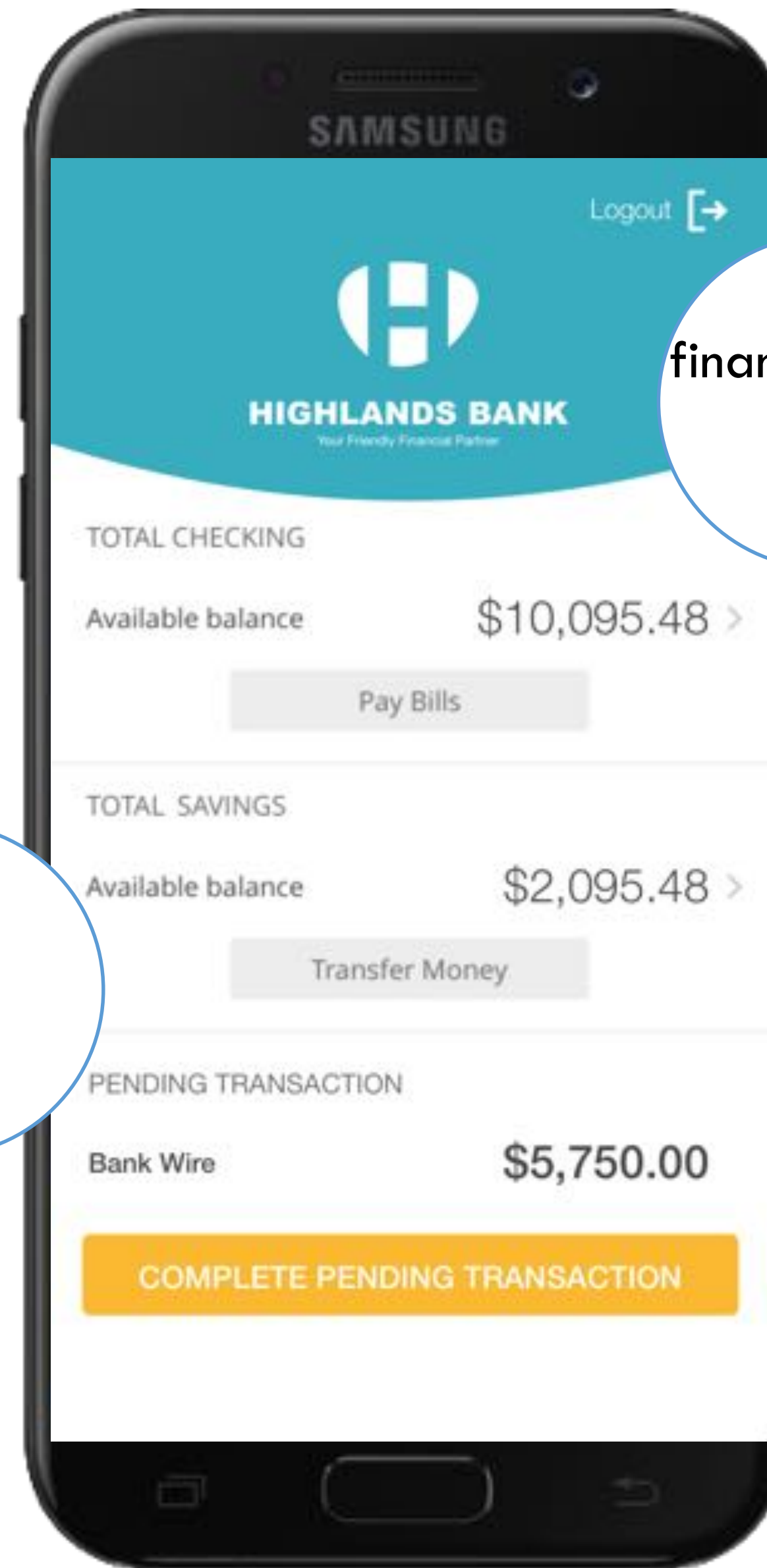
THE HYPR CRYPTO SDK





HARDWARE BACKED SECURITY

THE HYPR CRYPTO SDK

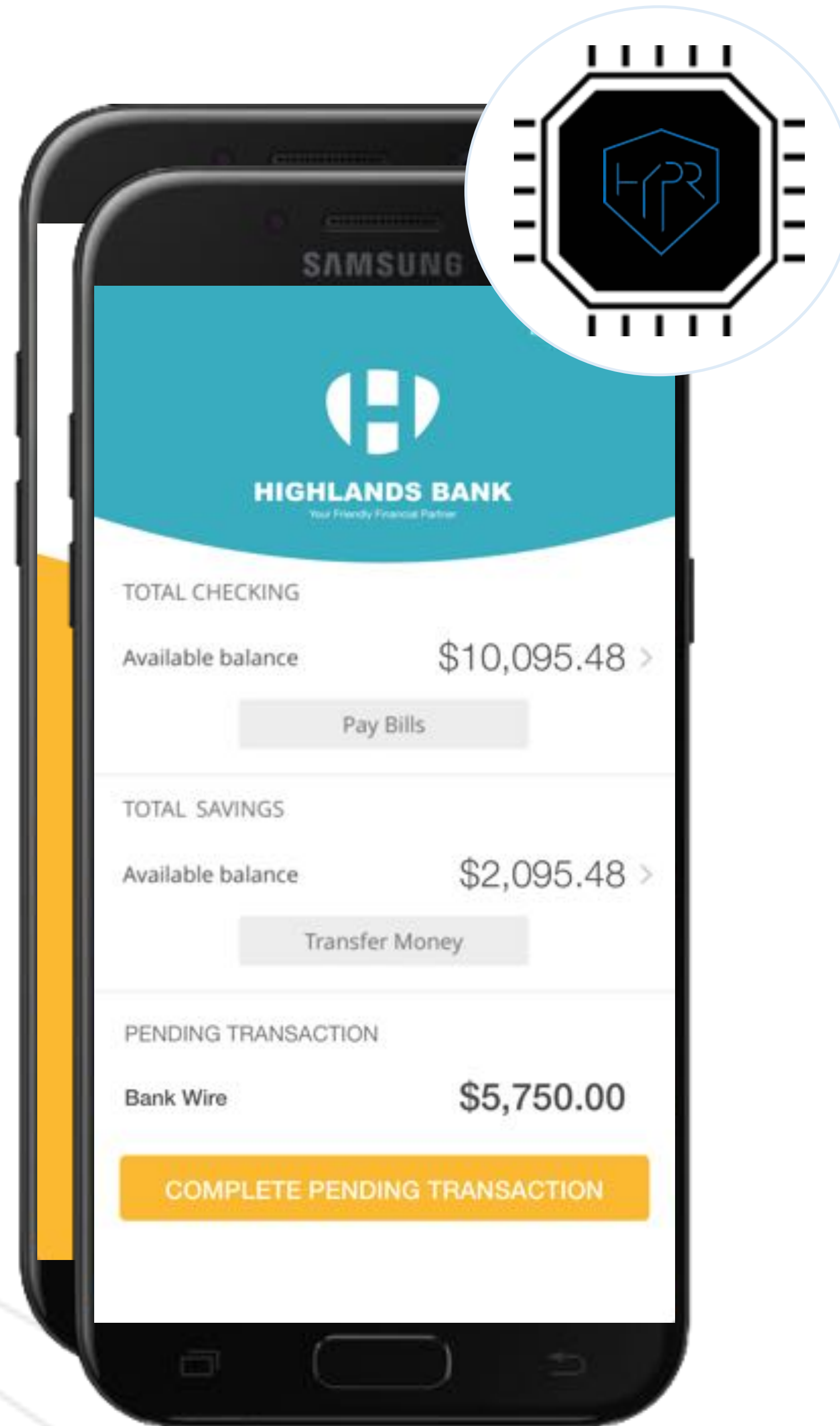




HARDWARE BACKED SECURITY

THE HYPR CRYPTO SDK

TRUSTONIC



SDK TEE Functions

Authentication

- Key Generation
- Key Signing
- Key Management
- **FIDO UAF/U2F Functions**

Data Storage

- Authentication Data
 - Biometrics (face, eye, touch, etc..)
 - PINs, Passwords, Tokens
- App Data
 - Financial
 - PII
 - Tokens



TODAY

3
YEARS

7
YEARS

10
YEARS

THE FUTURE IS DECENTRALIZED



TRUST EVERYONE



APPENDIX



DECENTRALIZE EVERYTHING



Biometrics



PINS



Passwords



Biometrics
PINS
Passwords





HARDWARE BACKED SECURITY

THE HYPR CRYPTO SDK

- HYPR Partners with Trustonic for Trusted Applications
- Easy integrations with enterprise mobile apps
- Ensures decentralized Passwords, PINs, and Biometrics
- Ultra secure app to TEE binding protocol ensures protection against malware
- Supports over 1.2B TEE-Enabled devices
- WhiteBox Cryptography support for all other devices