

Three Pillars of Mobile Fintech App Security

Prague

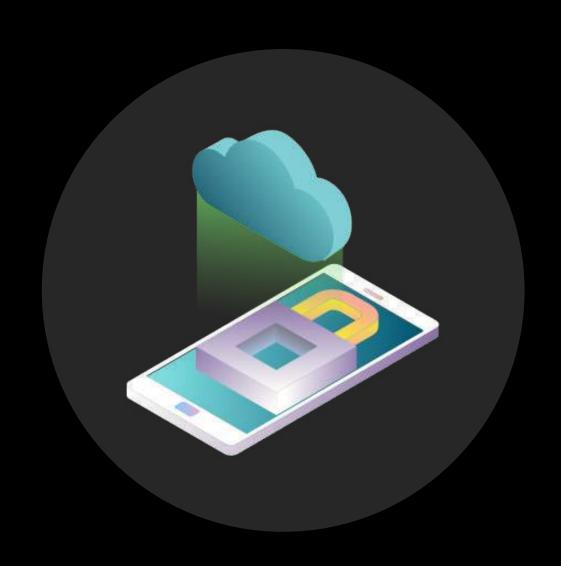




Laureate of the 2019 Deloitte Rising Star award



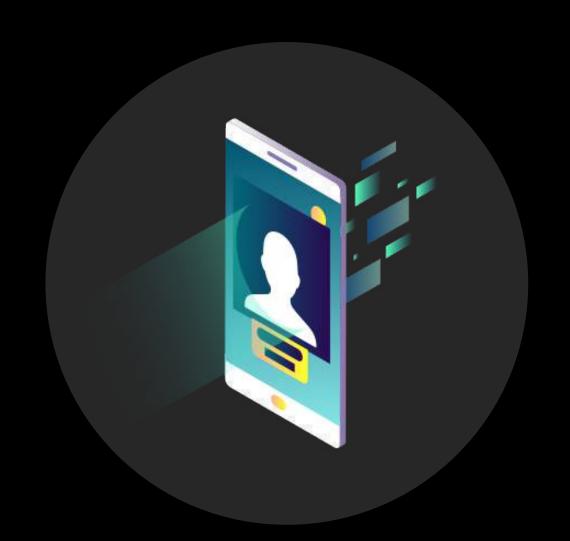
Core Competencies



Authentication #SCA #Crypto #Token



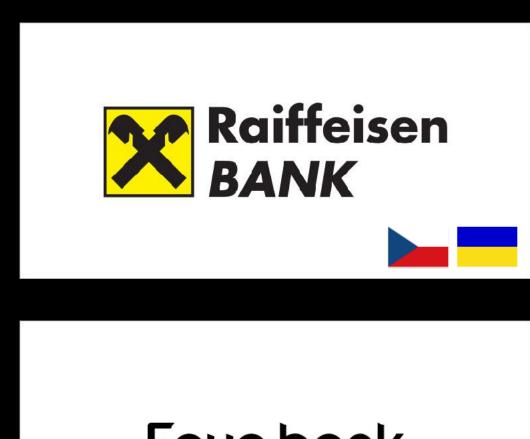
Mobile Security
#RASP #AppShielding



Digital Identity

#OpenBanking #BankID

Key References

















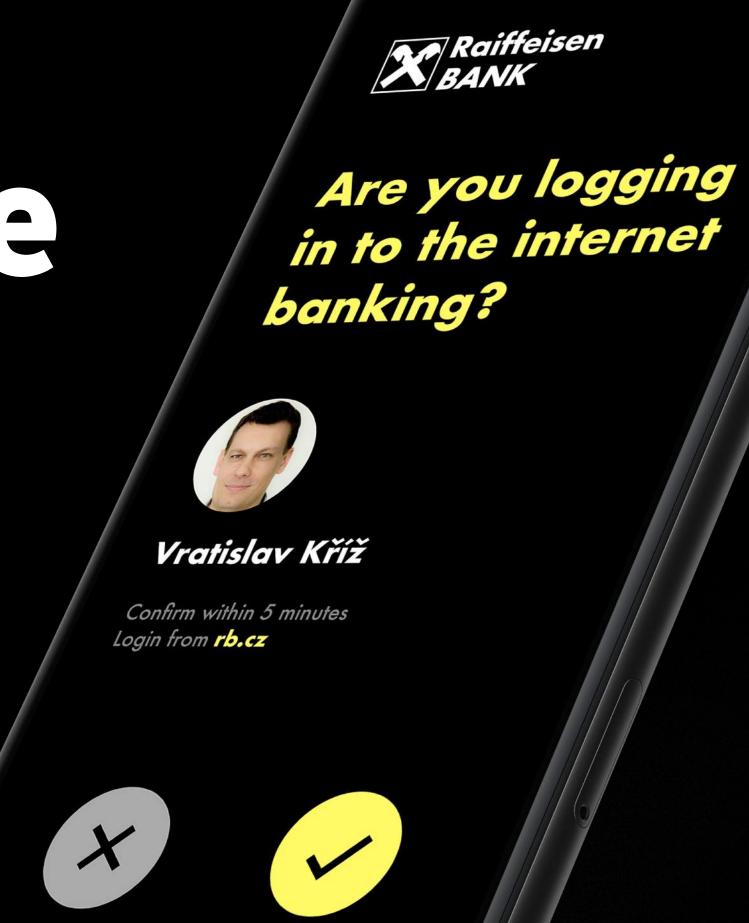






ZOhky.cz

Digital Finance is Not Just Mobile First, it is Mobile Only.



Yes, confirm

No, reject











Users mention

SECURITY

As the 2nd Biggest Concern

when using mobile banking

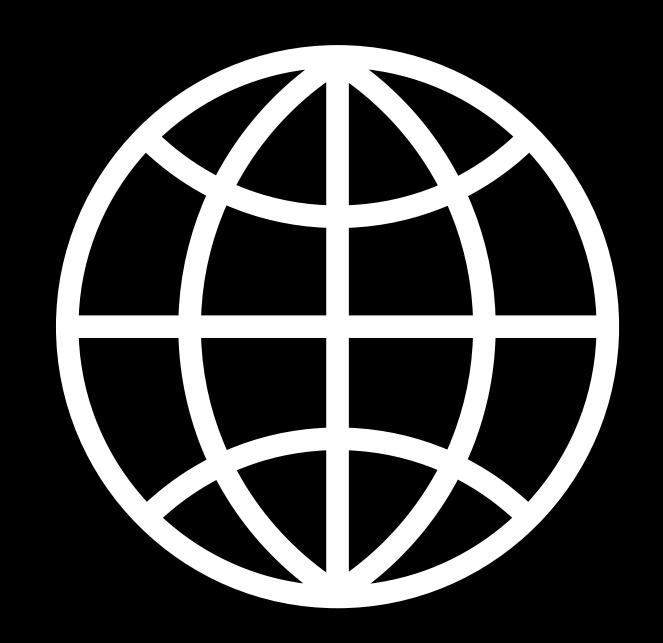
Mobile Security Pillars

Active In-App
Protection

Cryptographic Protection

Mobile Threat Intelligence

Cryptographic Protection



Confiendentiality:

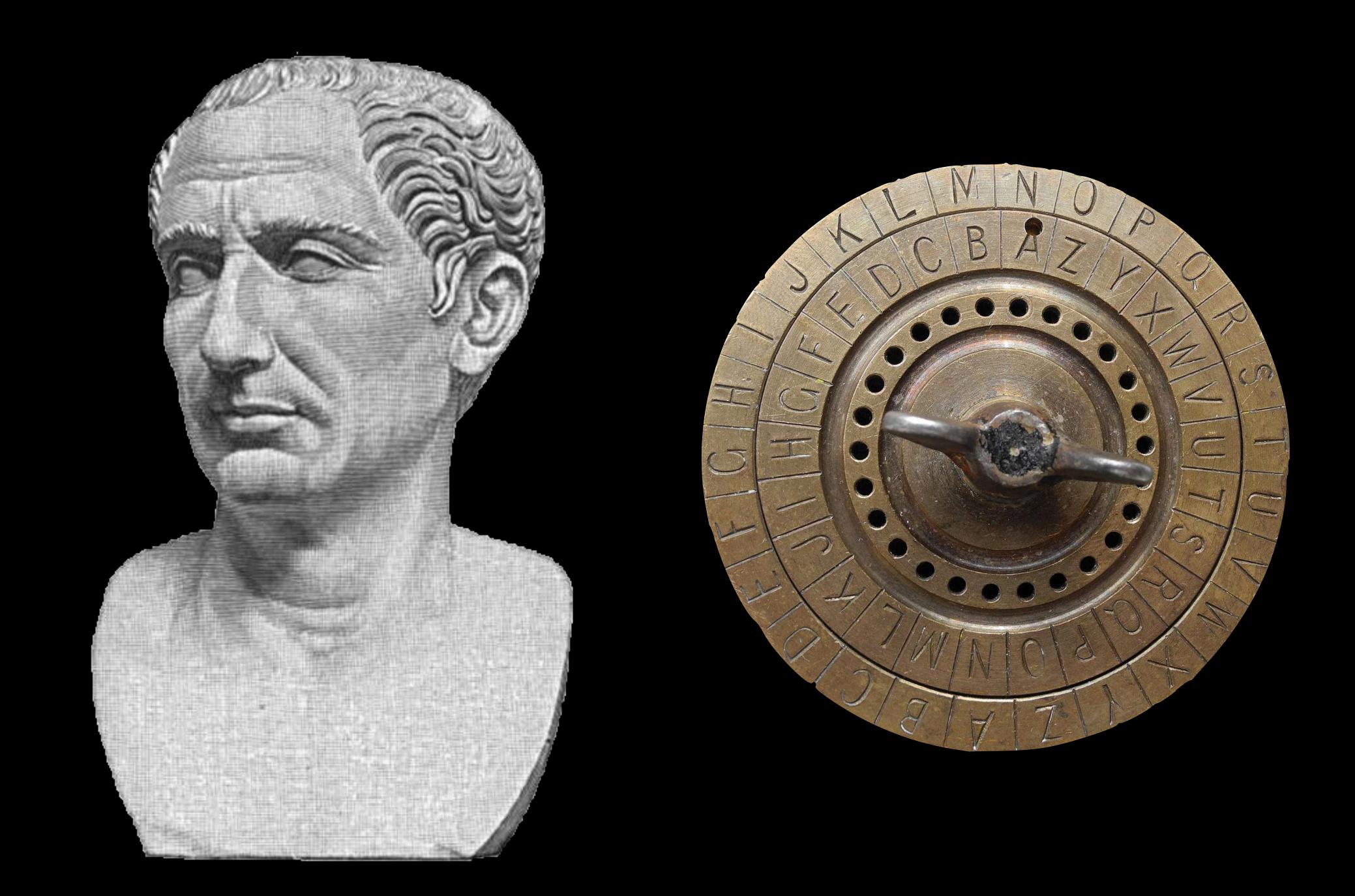
Account and transaction data

Integrity and Authenticity:

Login and Payment approvals



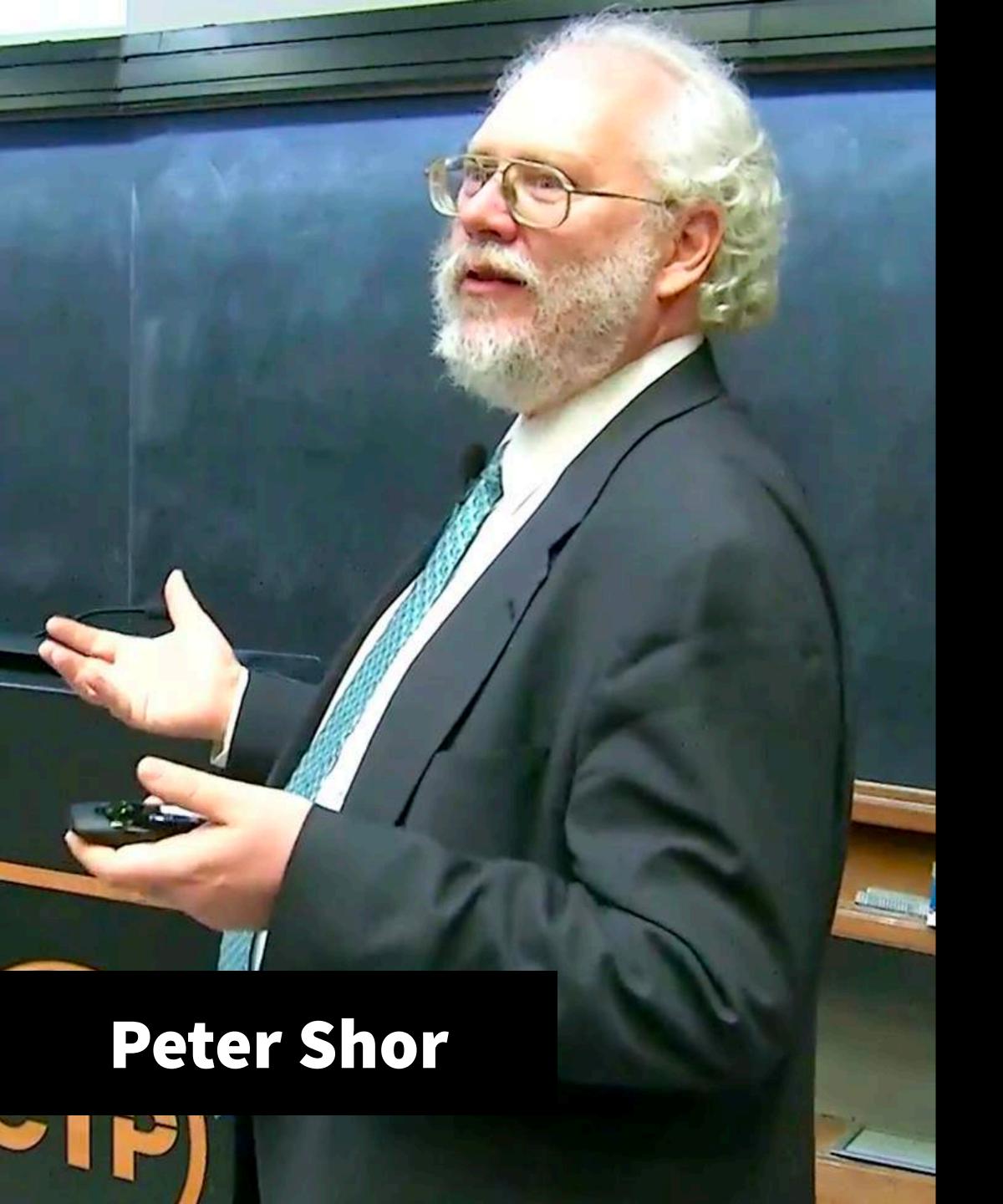
Fintech Mobile App Back-End Systems Cryptographic Algorithms



Rise of Quantum Computers

The cryptographic algorithms we currently know and take for granted (RSA or ECC) are threatened by a new computational paradigm.





Shor's Algorithm

Solves integer factorization and discrete logarithm problems in polynomial time.

Quantum Resistant Systems

Fortunately, **post-quantum cryptography** based on different mathematics (latices, supersingular isogenies) emerges.

We will help you make your apps "quantum resistant."



Active In-App Protection

Malicious Apps

on mobile devices skyrocketed to



in 2020

Rise of Mobile Threats

By 2022, at least 50% of successful attacks against clickjacking and mobile apps could have been prevented using in-app protection.







Mobile App Shielding

Integrity Checks

Malware Protection

Runtime Protection



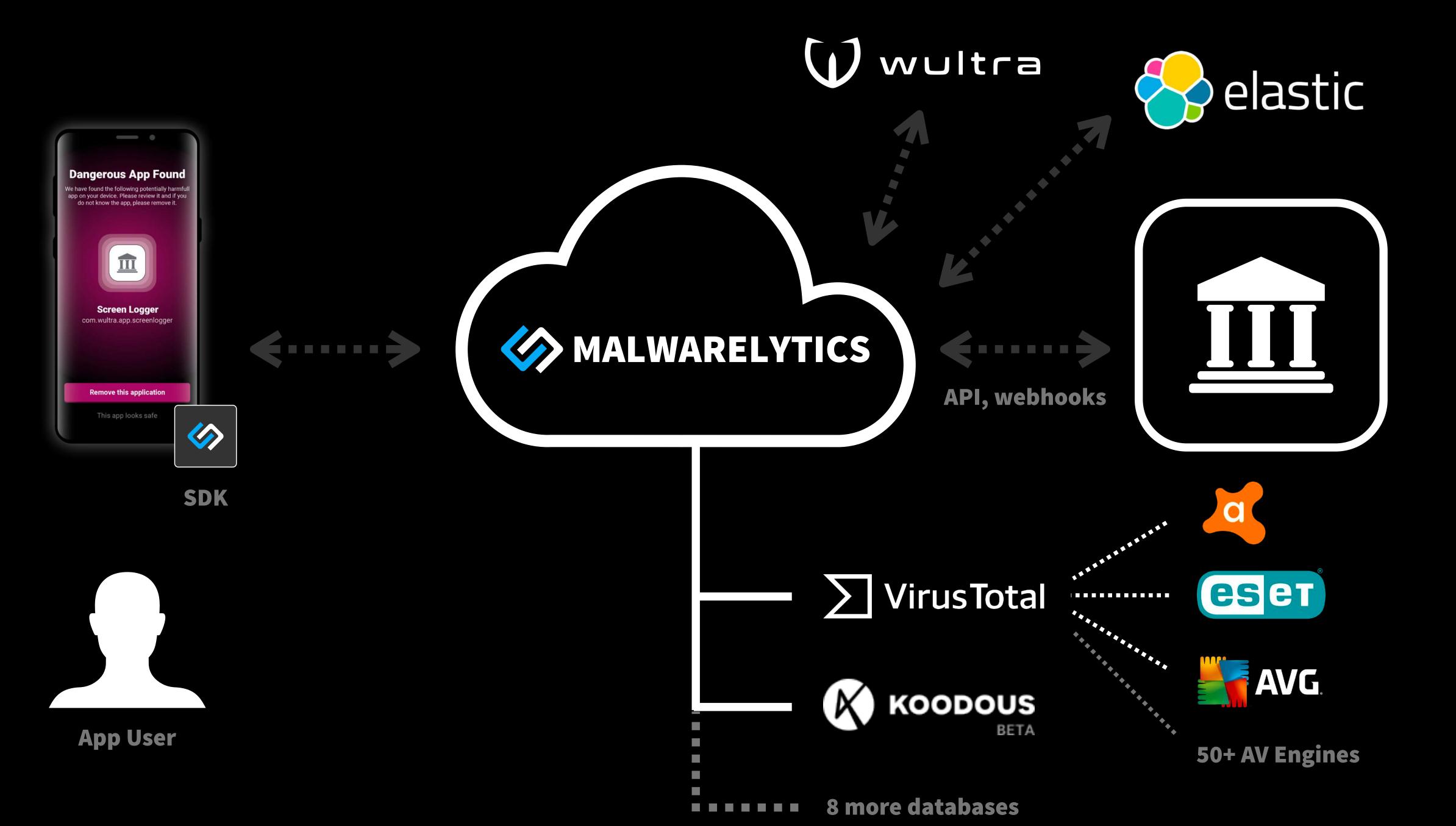
Obfuscation

Personal Data Protection

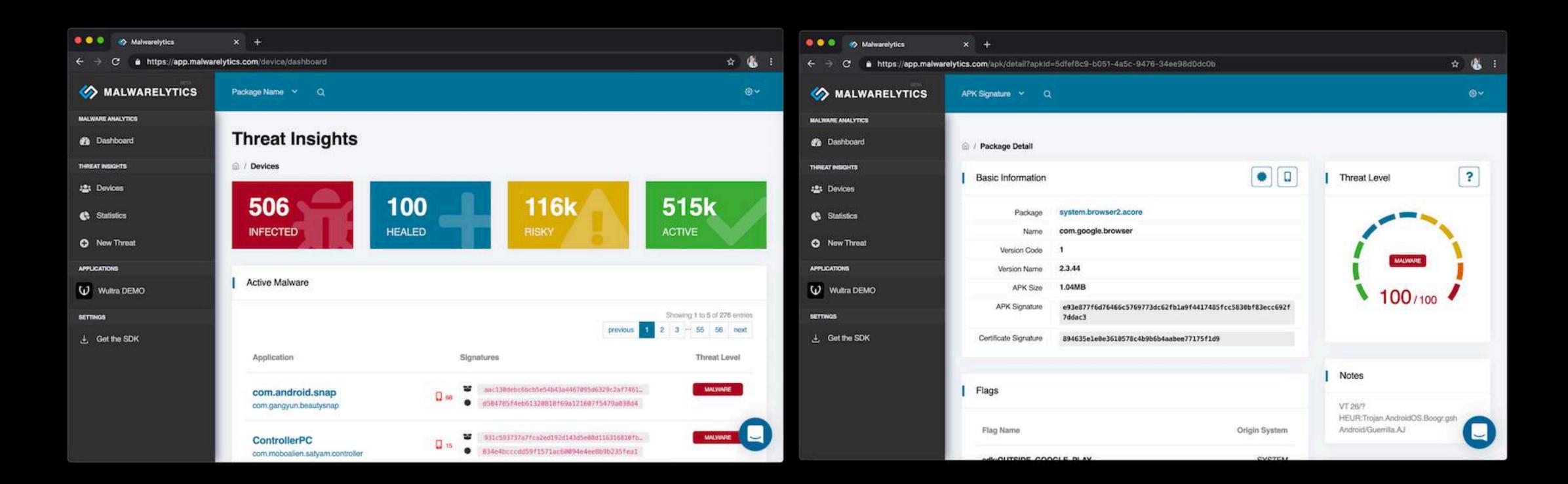
Active Security Measures

We will protect your apps against cyberthreats.

Mobile Threat Intelligence



Malwarelytics Web Console



We will show you the threats in your mobile user base.

Mobile Security Pillars

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Developer Portal

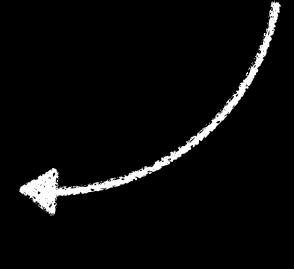
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Thank You!

Let's connect on Linkedin!







Leading banks and fintech companies already trust the authentication technologies by Wultra.

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