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Evidence of App Safety

App and API security SDK for FinTechs

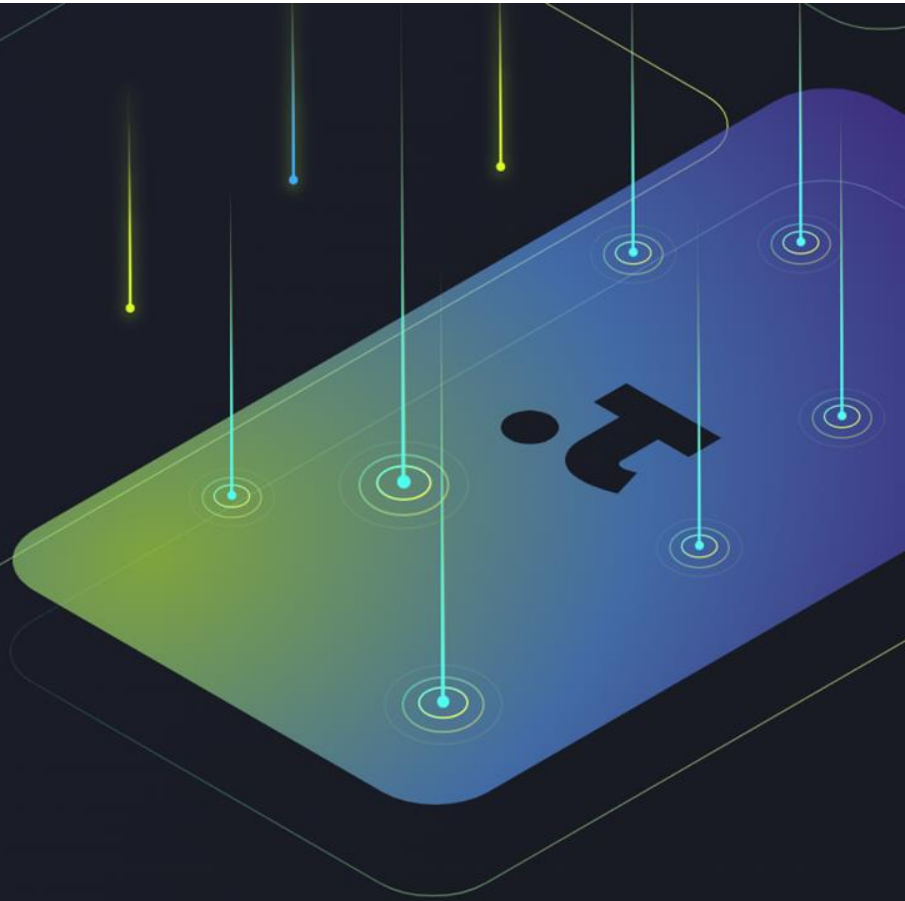
- Ensure OWASP compliance
- Anti- **fraud**, **reverse engineering** and **App cloning**
- Anti- **App impersonation** for API

In-App Protection SDK

Keep your application, business and customers secure with complete in-app and API protection SDK. Using multi-layered approach Talsec SDK combats reverse engineering, app cloning/republishing, rooting, API abuse, Frida hooking, MitM, and much more. Available for iOS, Android and Flutter apps.

Request Demo

Learn More



Trusted by

MINISTRY OF THE INTERIOR
OF THE CZECH REPUBLIC

ProID

Banco
ECONOMICO

BancoSol

novü
card

Recognized by

EY
CYBER SECURITY TROPHY
POWERED BY EY

Google for Startups

SDKs to **WIN TIME**

- Prepare to Pentesting
- Mitigate mobile cyber fraud
- Comply with Regulations and OWASP

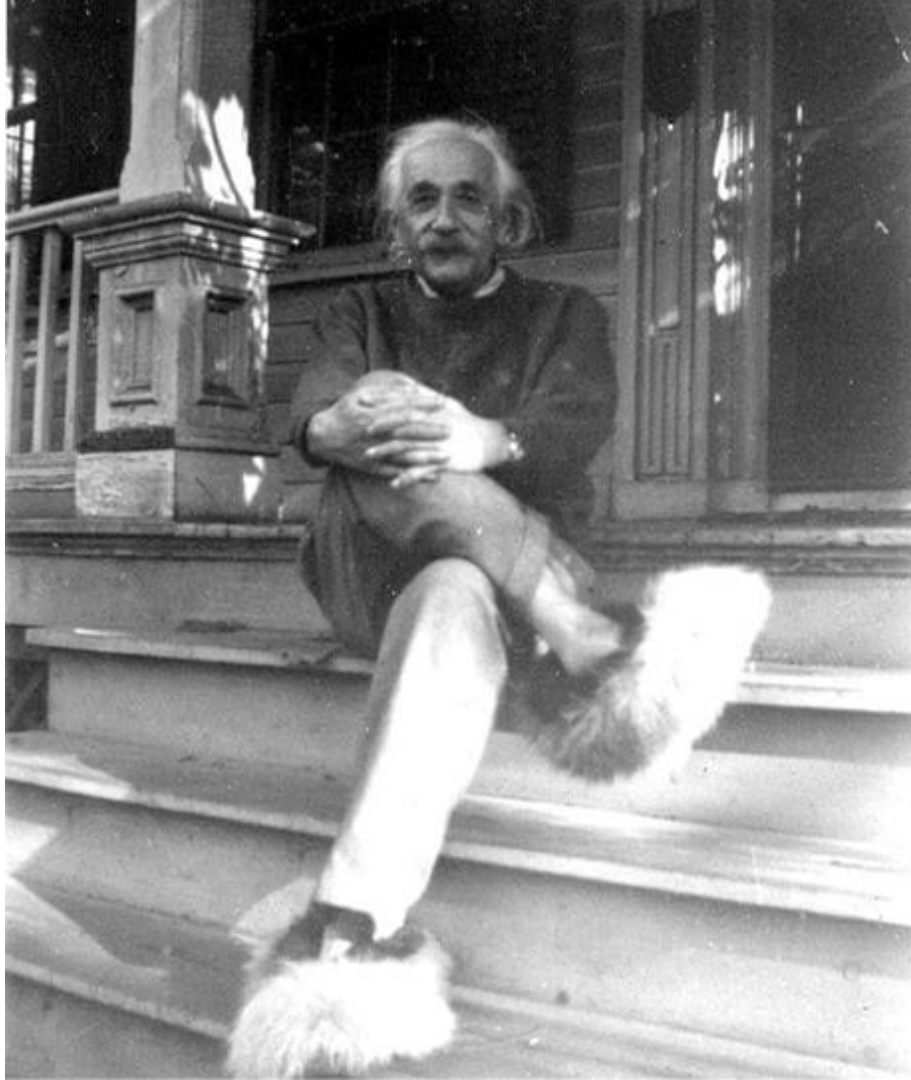
Supported Platforms

android iOS Flutter APACHE CORDOVA™

“It is easy to complicate

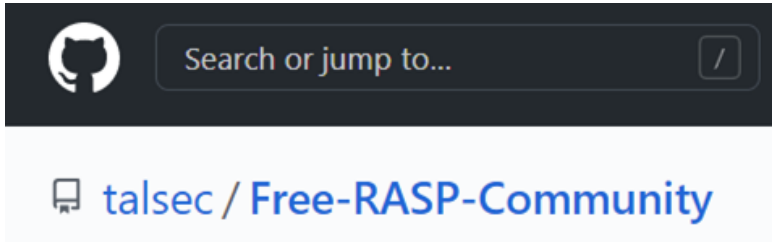
and

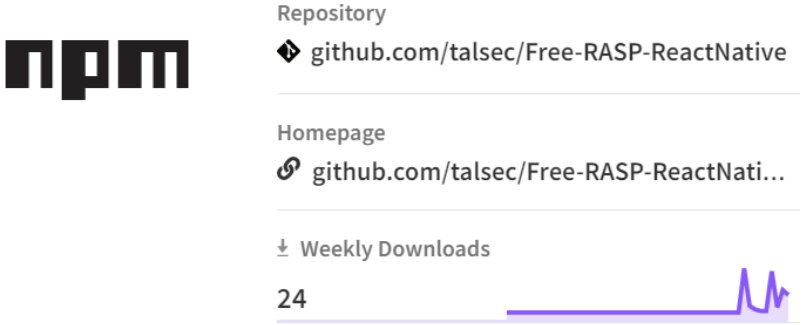
hard to **simplify**

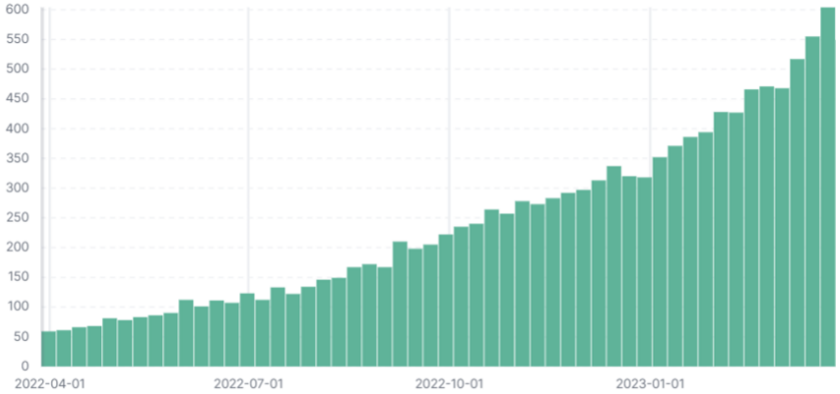


Talsec is good in not-doing things

First and only freemium RASP SDK







OWASP TOP10

Mobile OWASP top 10	Talsec RASP	Talsec AppiCrypt	Talsec App Hardening Suite
M1: Improper Platform Usage	Helps	Helps	
M2: Insecure Data Storage			Soon
M3: Insecure Communication			Solves
M4: Insecure Authentication		Helps	
M5: Insufficient Cryptography			Soon
M6: Insecure Authorization		Helps	
M7: Client Code Quality			
M8: Code Tampering	Solves	Solves	
M9: Reverse Engineering	Solves	Solves	
M10: Extraneous Functionality	Helps	Helps	

“Hot” attacks

Fraudsters Attack vectors	Talsec RASP	Talsec AppiCrypt	Talsec App Hardening Suite
Session hijacking		Solves	
Man in the middle			Solves
SIM swapping		Helps	
API-abuse		Solves	
JSON injections		Solves	
Fraudulent Apps (malware)	Helps	Helps	
Untrusted install sources		Solves	

Easy to use SDKs

RASP App protection & Monitoring

Comply with OWASP and Regulations
Data Analytics, Audit & Visualization

AppiCrypt® for API protection

Zero trust for Mobile solution. Simple App integrity and device authorization
Anti-botnet, anti- API abuse

App Hardening Suite

Dynamic TIS pinning
App Data Encryption (Strings Enc, Assets Data Protection, E2EE)

τ.RASP: Runtime App Self Protection

anti-

Reverse Engineering and Malware attacks

Audit & Monitoring signals to

database or SIEM

solutions by MONET+

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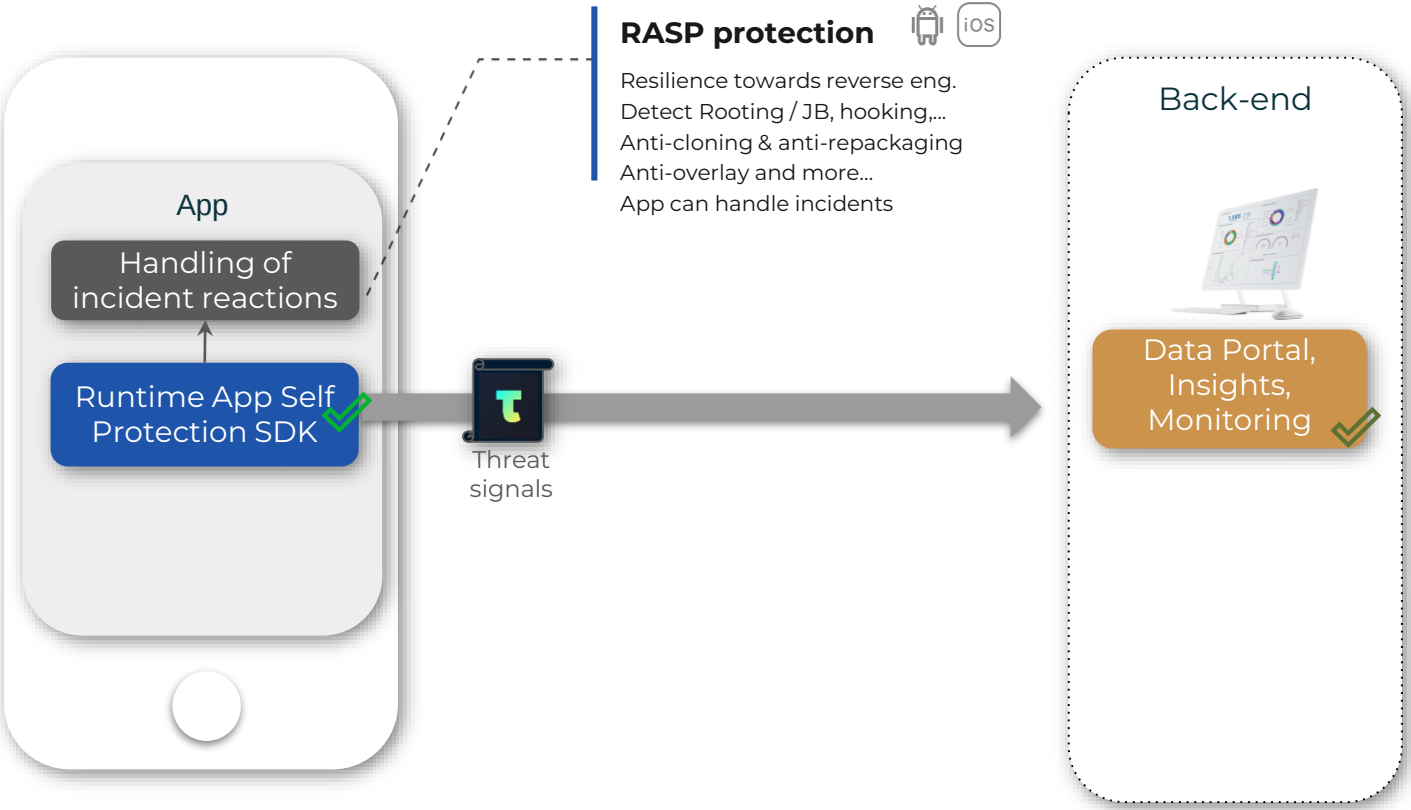
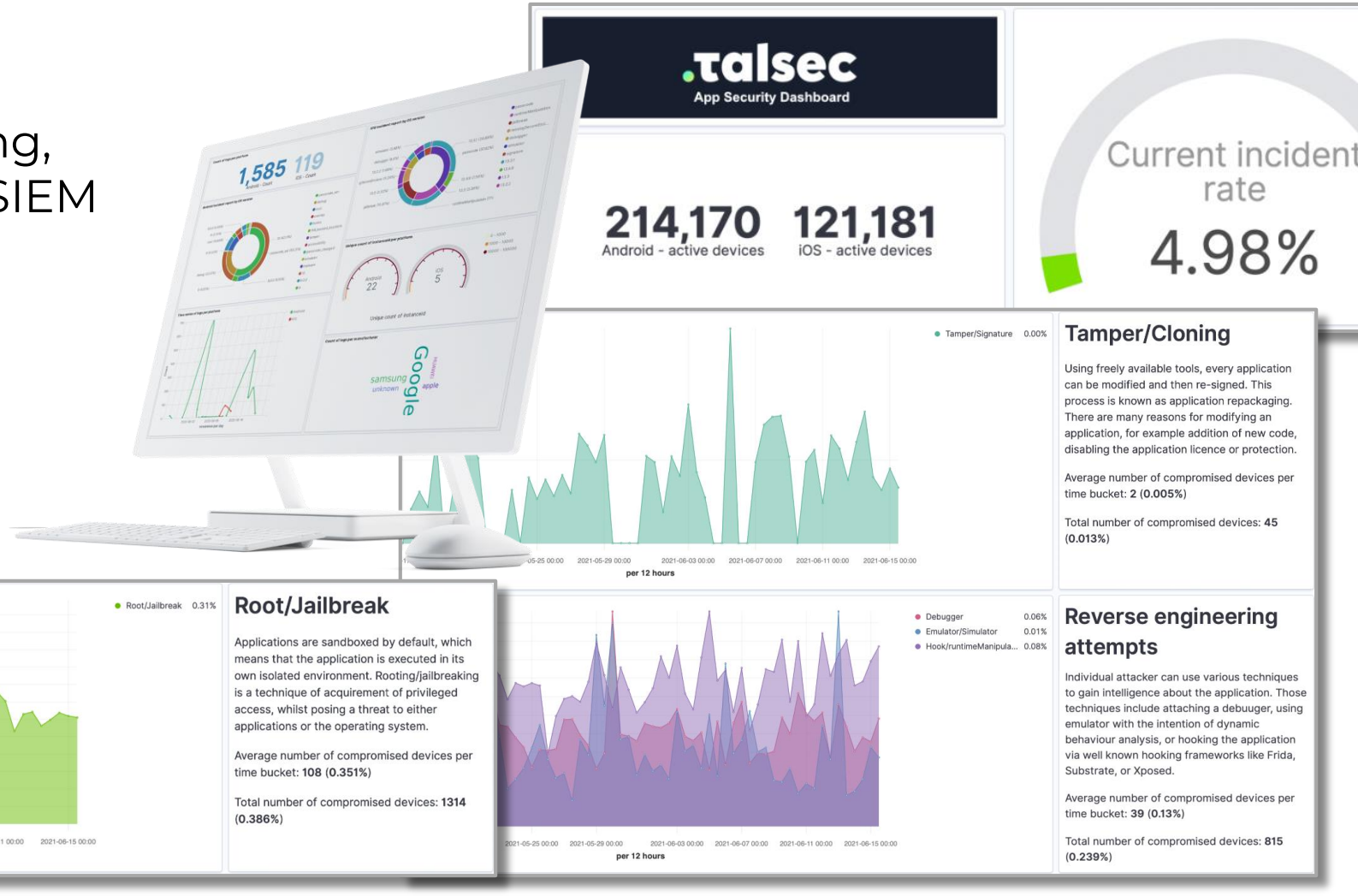
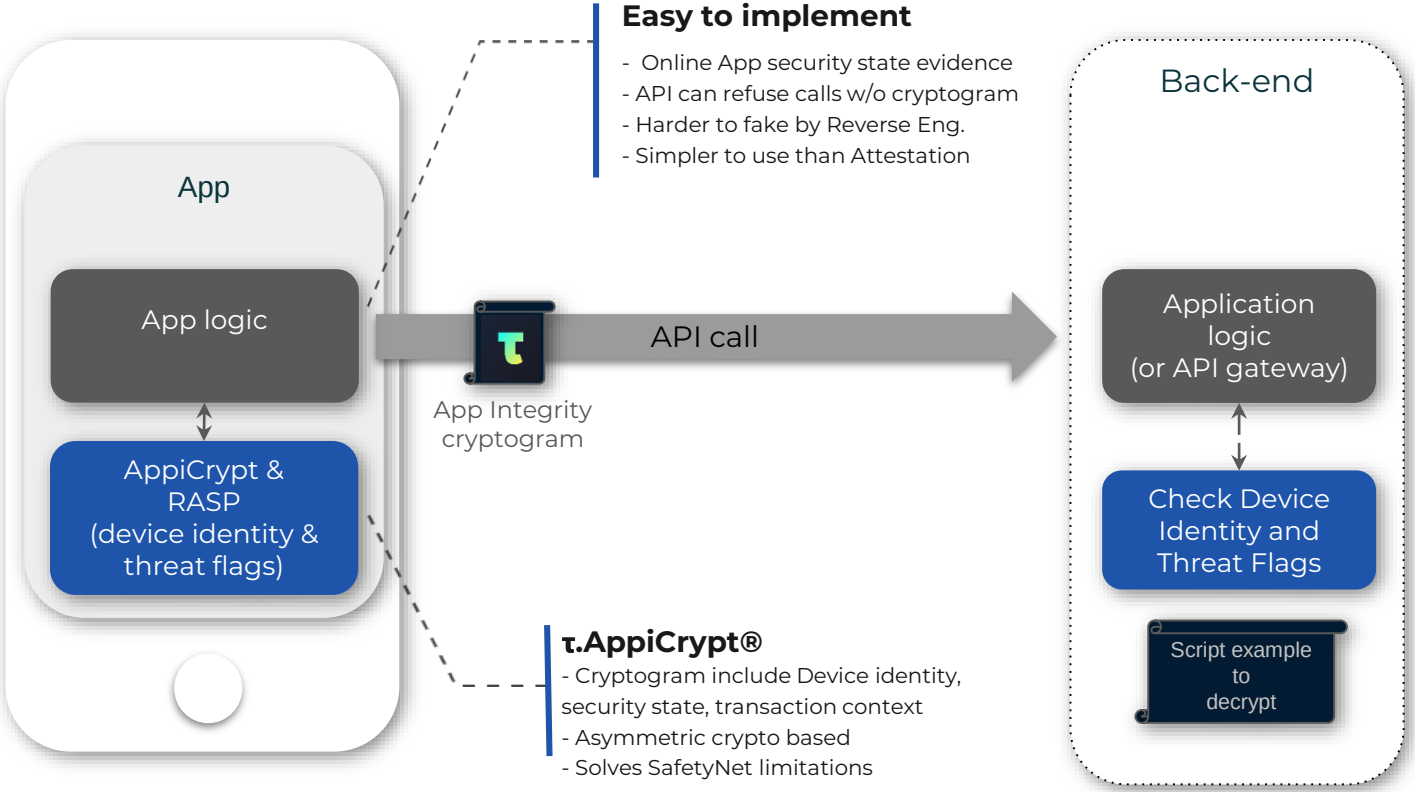
t.RASP - Runtime App Self Protection and Monitoring



Auditing, Monitoring, Data for SIEM



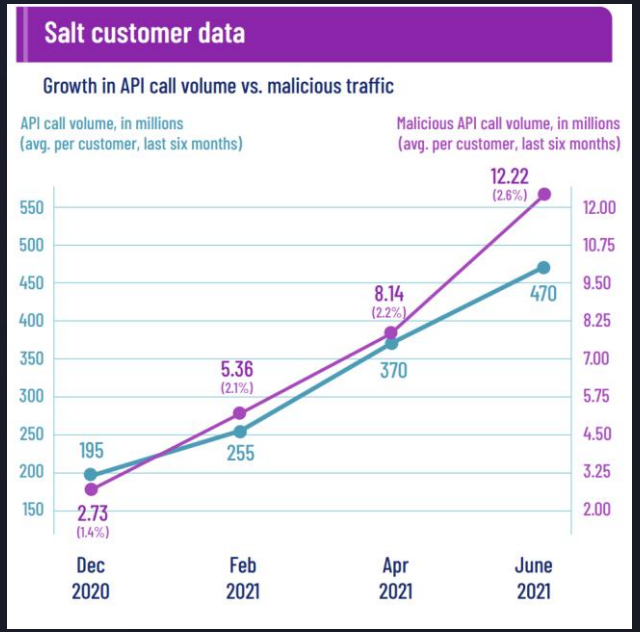
AppiCrypt® proof of App integrity for back-ends



API protection challenge

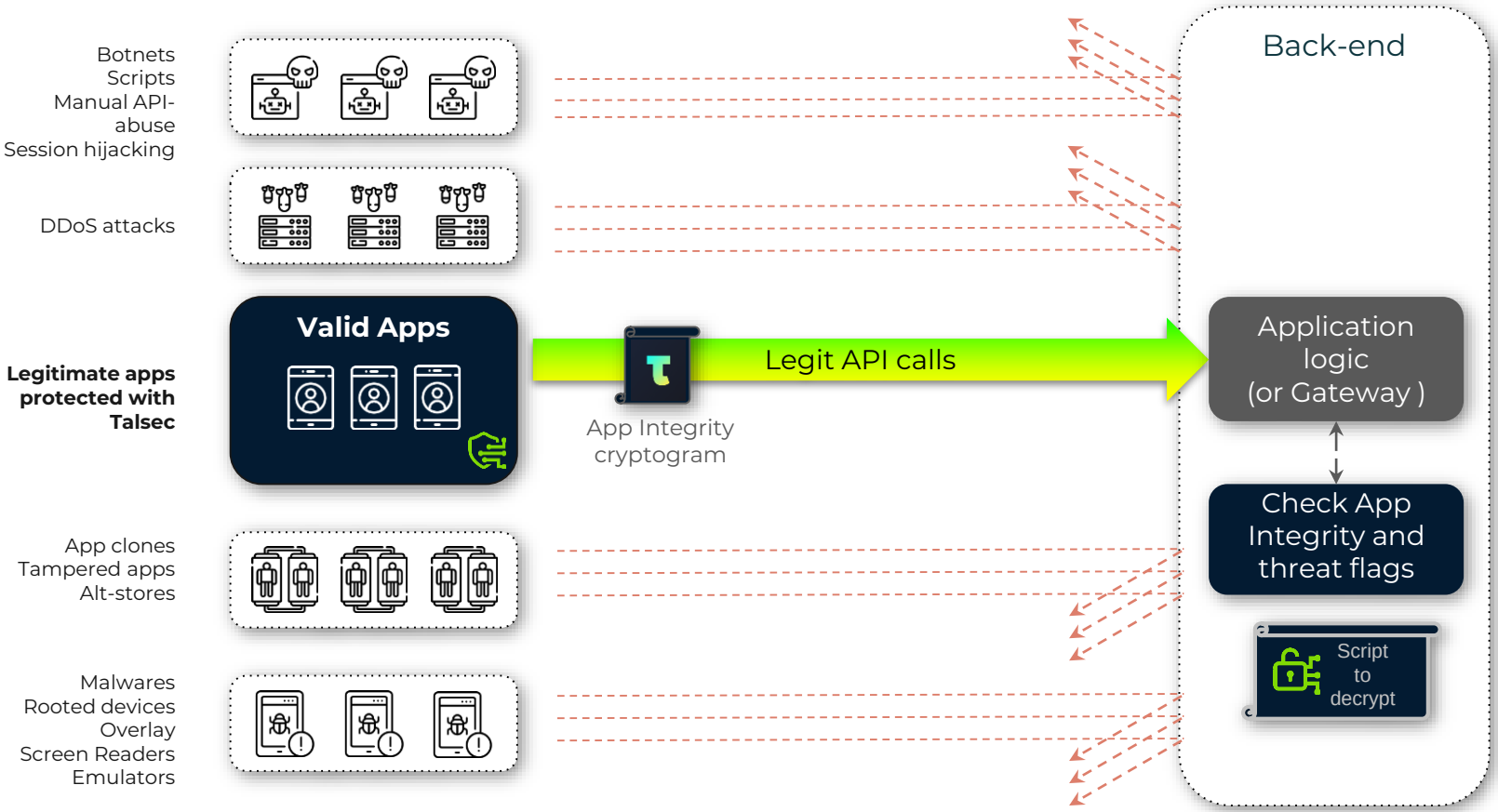
95% of API exploits happened against authenticated APIs*

WAFs and API Gateways miss majority % of API Attacks*



*Salt Security Report (Q3 2021)

AppiCrypt® proof of App integrity for back-ends



Talsec Hardening SDK

- **Dynamic TLS Pinning**
- **App Data Encryption**
  - App Strings encryption (e.g. API keys, endpoints)
  - Local data encryption (e.g. shared preferences, App assets)
  - Application layer E2E encryption (light)

App Safety Subscription

Penetration testing of your App

Automated penetration testing with tool like Kryptowire
Ethical Hacking exercise with Talsec playbook and OWASP

App protection by RASP & Monitoring

Comply with OWASP and Regulations
Data Analytics, Audit & Visualization

API protection by AppiCrypt®

Zero trust for Mobile solution. Simple App integrity and device authorization
Anti-botnet, anti- API abuse

App Hardening Suite

Dynamic TIS pinning
App Data Encryption (Strings Enc, Assets Data Protection, E2EE)

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Thank you!

Contact Details

http://talsec.app

Apps are vulnerable by design to Reverse Engineering

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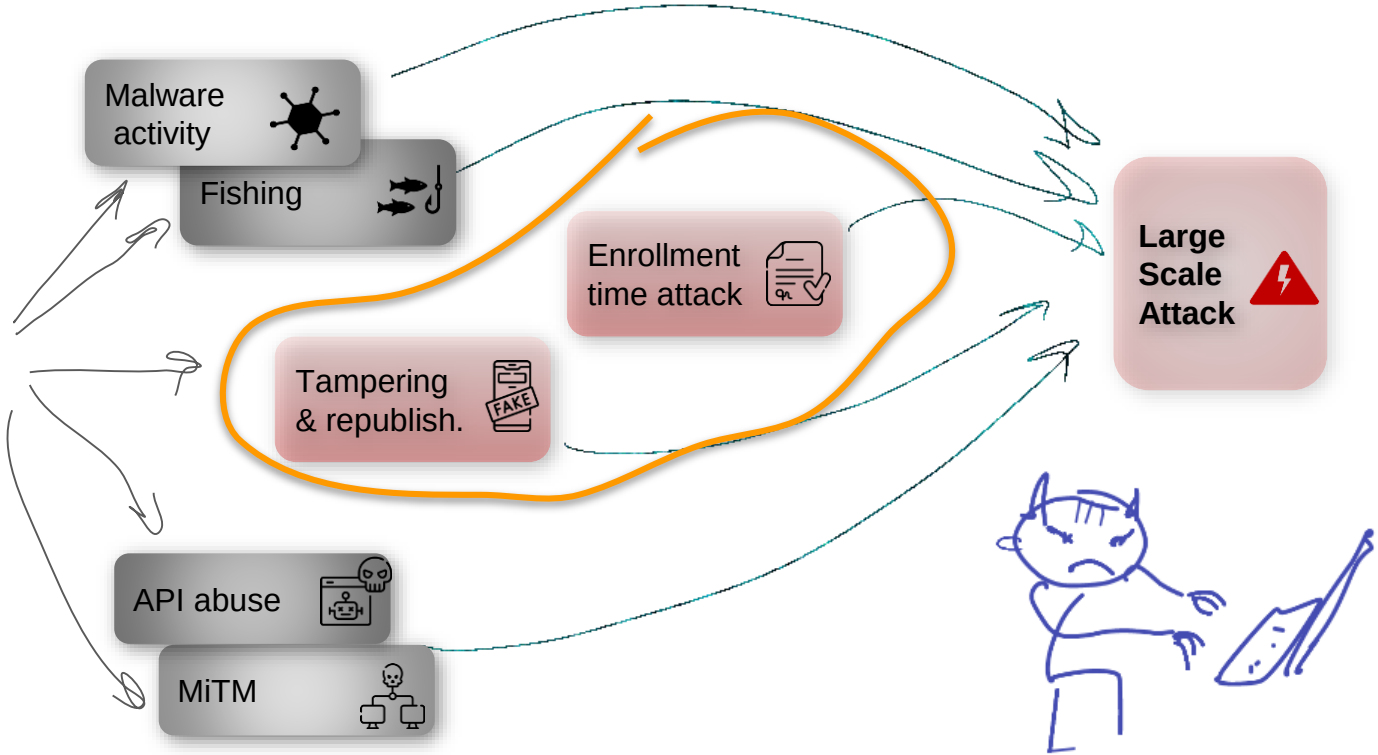
in-App Protection

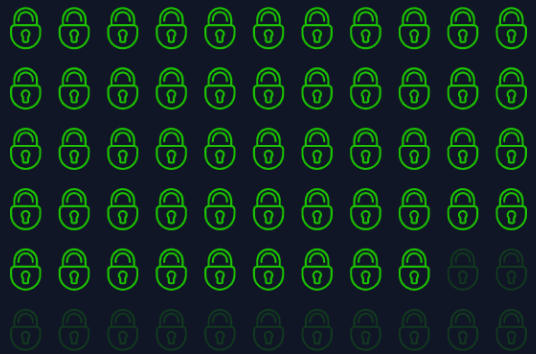
Reverse Engineering



Android OS security Controls

Vulnerabilities detected in FinTech App by RASP SDK

20%



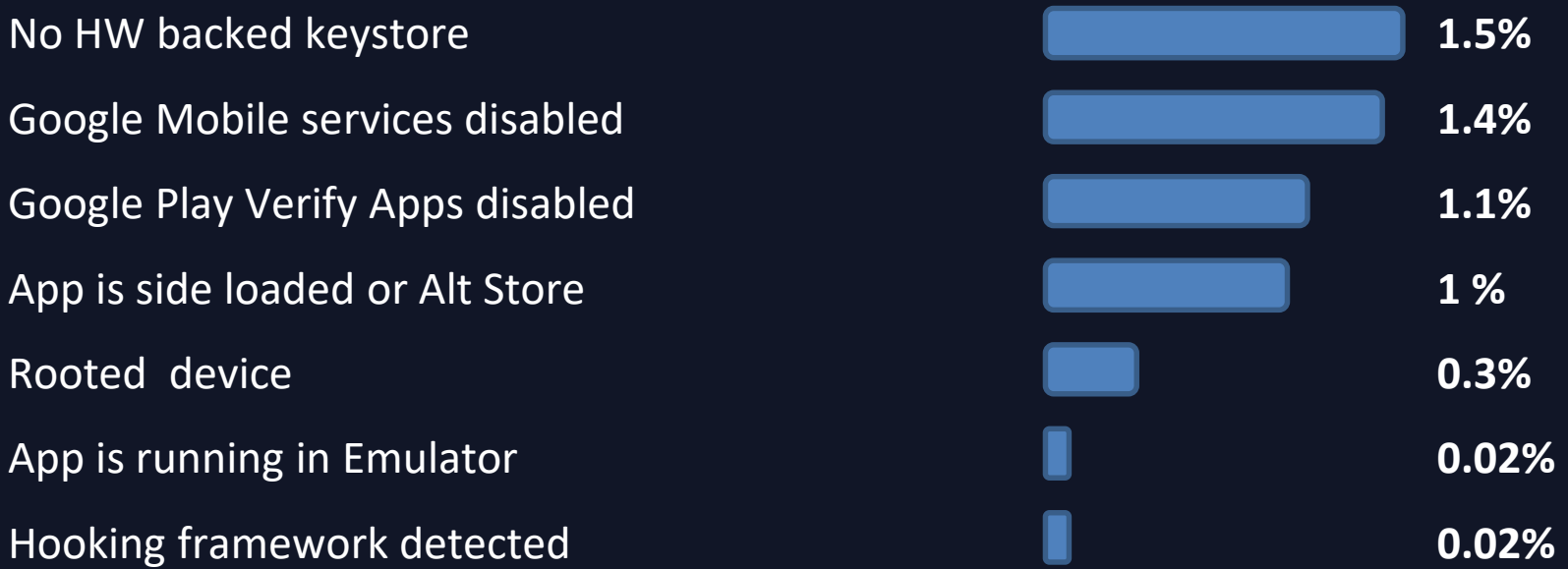
Screen Lock is not activated

38%

Biometrics is not activated

Android OS security Controls

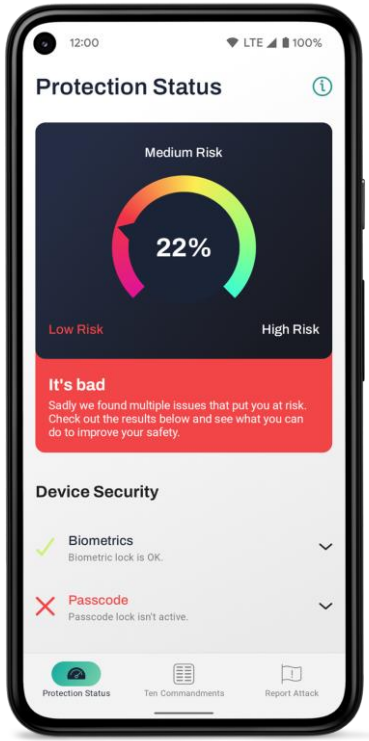
Vulnerabilities detected in FinTech App by RASP SDK

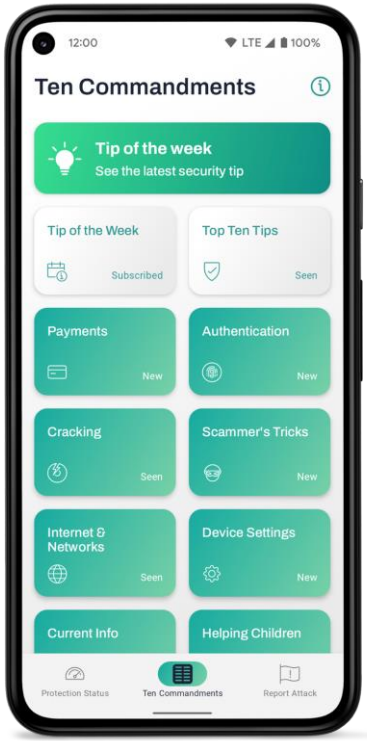


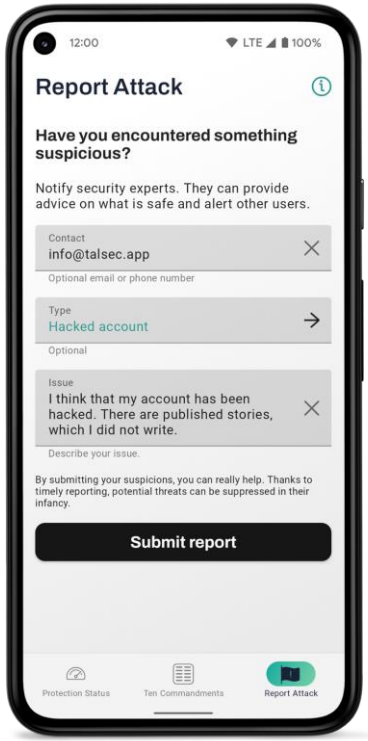
App Security visualization Widget (CybeTribe App)

CybeTribe 4+
Simple security advice
Ahead iTec
5.0 • 1 Rating
Free

Available on the iPhone
App Store







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Protection and Monitoring for **Android POS and Kiosk**