Security Tools for App Development – STAnD

Digital Infrastructure

STAnD up against vulnerabilities in API-based mobile apps

STAnD helps mobile application developers automatically spot security problems and apply mitigation measures to improve the cybersecurity of the entire API eco-system hosting the apps.

Software APIs have become business enablers, and enterprises are building more and more APIs with applications as the primary use case. As companies increasingly create open APIs, the biggest challenge facing them, from a technological and end-user perspective, is security. STAnD - the Security Tools for App Development - helps developers to secure their mobile apps by providing a managed security service capable of identifying potential vulnerabilities and/or a catalogue of code hardening techniques that help reduce their misuse. Even the developers with low cybersecurity expertise find STAnD easy to use thanks to its check-and-refine approach, where the managed service or tools provides suggestions to the applicable mitigation measures.

Competitive Advantages

For companies

- Tools or managed services for improved security and trust of apps developed with STAnD
- Decreased costs due to fast and standard apps development and tests
- Avoid weakening of brand due to security breaches

For developers

- Reduced effort in securing apps while developing
- Detailed report for app validation against security requirements

For app user

- Built-in security within apps
- Increased trust

Target Markets

- Enterprises that need to develop new set of apps with strong security requirements
- The solution addresses the EU market (with stricter focus on GDPR regulations)

Status and Traction

- Internal pilots in the Financial Services sector (Partner: Poste Italiane)
- Internal pilots in the Digital Health sector (Partner: Fondazione Bruno Kessler)

Road Map

2019

- A new toolkit for iOS or hybrid apps will be developed
- Extend the managed service with new features for app control and compliance

Connect

Silvio Ranise,
Activity Leader

e: ranise@fbk.eu
t: +39 335 6015450

Location

c/o
Fondazione Bruno Kessler, Trento, Italy
Via Sommarive, 18,
38123
Povo TN
Italy

Partners: Technische Universität Berlin, Fondazione Bruno Kessler, Poste Italiane, GFT Technologies

API Assistant

API Assistant is an innovation activity proudly supported by EIT Digital.