STAnD up stronger against vulnerabilities in API-based mobile apps

STAnD is a product helping mobile application with fresh new features to enable developers to automatically spot security problems and apply mitigation measures towards cybersecurity of the entire API eco-system hosting the apps.

As demonstrated with API Assistant Innovation Activity on 2018, APIs ecosystem is dramatically dynamic and it needs continuous evolution in terms of risk detection and control. STAnD - Security Tools for App Development - is the product that 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.

This second year Activity evolves the product by integrating and empowers the Toolkit with more functionalities and opportunities to secure Apps, following its successful "easy to use" approach, while exploring new market opportunities (Telco Operators and Smart Tourism).
For companies:
• New Tools or managed services for improved security and trust of apps developed with STA\text{N}D
• 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.

Road Map

2019
• In 2019 the STA\text{N}D product development will explore brand new business cases for a wider market impact (Telco Operators and Smart Tourism). The work will also extend the managed service with new features for app control and compliance:
  • Automated support to draft and present the GDPR policy, and to collect the end-user consent;
  • Automated support for secure authentication and authorisation;

2020
• A new toolkit for iOS or hybrid apps will be developed
• Continue extending the product with new features for new app control and compliance.

Target Markets

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

Status/ Traction

• Internal pilots in the Telco Operators sector (Partner: Poste Italiane)
• Internal pilots in the Smart Tourism sector (Partner: Innovalia)
• Wide number of customers and prospects contacted in different domains: Identity Management, Digital Finance, e-Health, Telco Operators, Smart Tourism.

Connect

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Competitive Advantages

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STA\text{N}D

STA\text{N}D (API Assistant-19) is an Innovation Activity proudly supported by EIT Digital supports entrepreneurial teams from research and business organisations in launching new startups and new products in agile 12-month projects called innovation activities. These activities are embedded in EIT Digital’s European ecosystem and receive a financial co-investment to package their technology, sign up customers and attract investors.