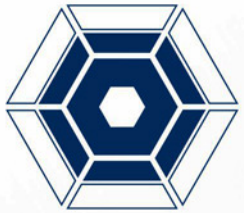


SEARCH-LAB

SECURITY EVALUATION ANALYSIS AND RESEARCH LABORATORY

Success story:

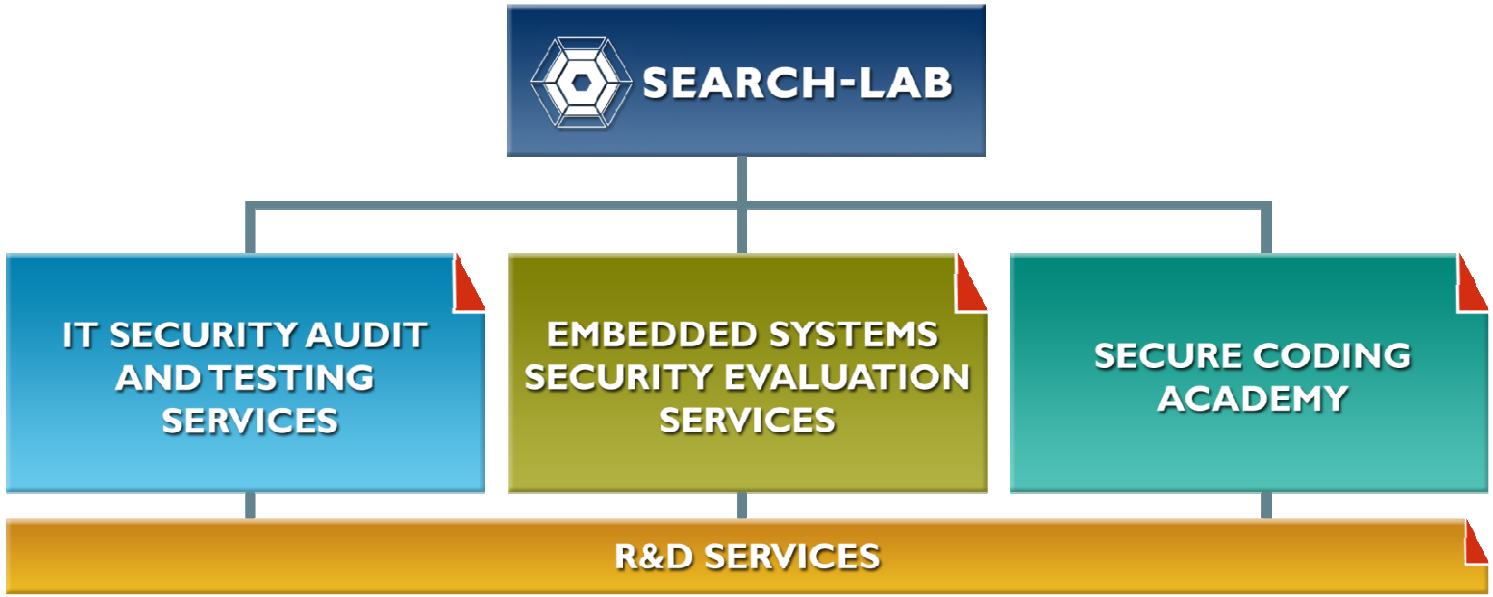
EU collaboration projects with the eye of a Hungarian SME

Budafoki út 91.
1117 Budapest, Hungary
+36-1-205-3098

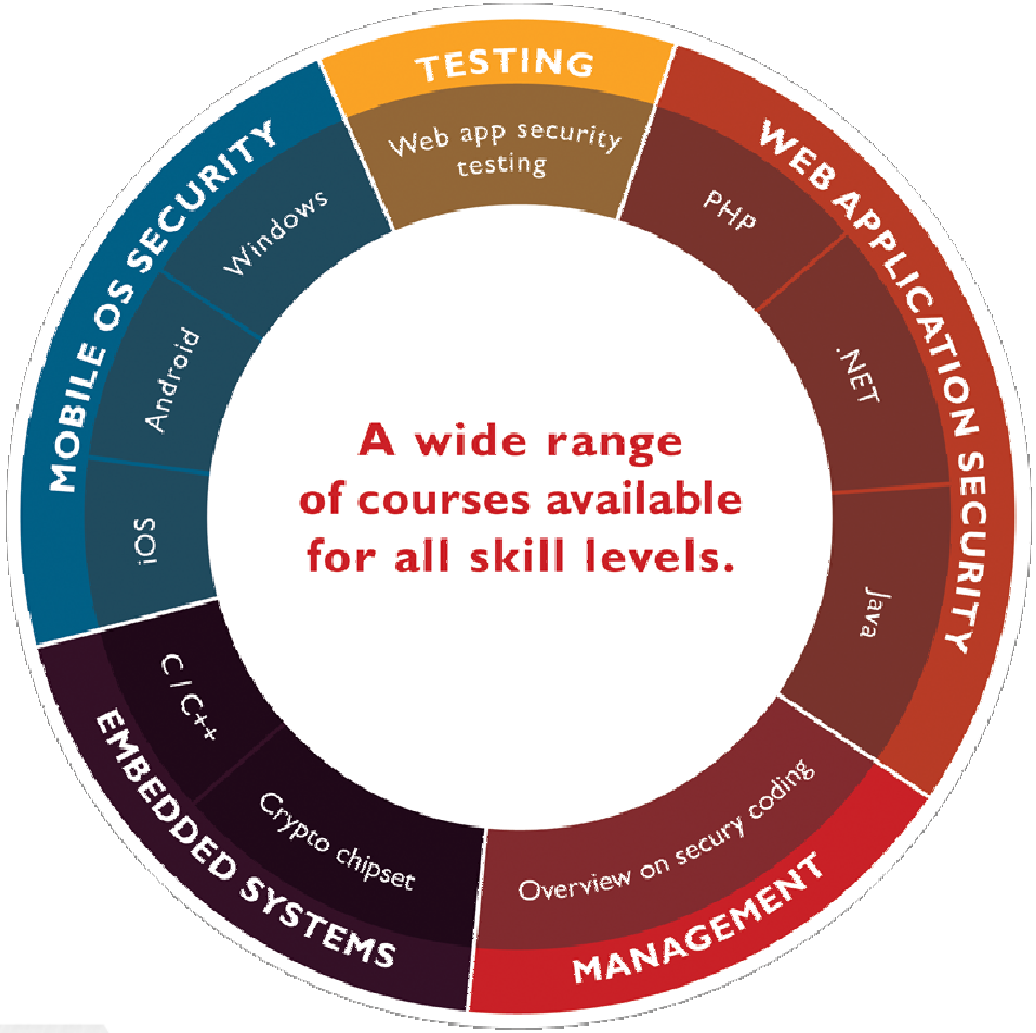
www.search-lab.hu
www.securecodingtrainings.com
info@search-lab.hu

Introduction of SEARCH-LAB

- **SEARCH-LAB Ltd** was established in 2002 as a spin-off company to provide professional services
- Hungarian SME
- IT Security Evaluation, Training and Research
- University background, focused on services
- Extensive network to largest IT players
- Key player in European Research



SEARCH-LAB's Secure Coding Academy



Research areas

Research expertise and interests

- Mobile device security including portable connected gadgets, securing embedded systems
- Software security, vulnerabilities, attack methods and protection techniques
- DTV, conditional access and DRM security
- Methods and tools for security evaluation, automated security testing
- Copy protection, obfuscation
- Trusted Computing platforms and other platform security

Possible contributions to projects

- Flinder smart fuzz testing tool
- MEFORMA security evaluation methodology
- SVRS vulnerability repository
- Security feedback mechanism to enhance user trust in IT / Internet of Things
- Distributed Denial of Service protection / IDS
- SW security courses, training support tools

Research project highlights

- **ANIKETOS**: Secure and trustworthy composite services

- **SECFUTUR**: Design of secure and energy-efficient embedded systems for Future Internet applications

- **uTRUSTit**: Usable TRUST in the Internet of Things

- **SHIELDS**: Detecting known security vulnerabilities from within design and development tools

- **OpenTC**: Open trusted computing

Research project highlights

- **nSHIELD** (Artemis): New embedded Systems arcHItecturE for multi-Layer Dependable solutions

- **STANCE**: STatic ANalysis for software Confidence in Europe

- **INTER-TRUST**: Interoperable Trust Assurance Infrastructure

ICT 2013 Vilnius participation

Preparation: Looking on it as a Networking event: PROMOTE YOURSELF!!!

- (Re)connect with partners
- Bringing in and discussing concrete proposals
- Tight scheduling: based on topics, and pre-arranged meetings
- Providing up-to-date research profile

Experiences:

- A well-organized event
- Several partners from successful projects
- Informative; new mindset for H2020

Horizon 2020 positioning for SEARCH-LAB

4 unique „selling points”:

- Security needed everywhere
- SME (technology provider, industrial partner with research approach)
- Hungarian partners in a consortium- balanced stucture
- Long record of partners and wide range of expertise

We are recognized as a valuable partner

Future plans for Horizon 2020 involvement

LEIT ICT 32- Trustworthy ICT

- Security by design for end to end security
- Embedded systems security

Societal Challenges SC7-Secure Societies

- DS1 – Privacy
- DS2 – Access control (Token – The security token for everyone)
- DS6 – Risk management and assurance models

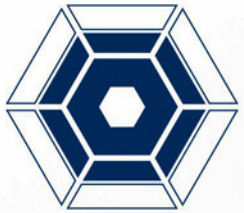
ECSEL – Artemis

- Smart cyber phsyical systems, embedde systems (automotive)

Security is everywhere!

Transport, Energy, E-health,...+Trainings and education (secure coding expertise)

Some of our research partners



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