



Lean Application Security

Nachhaltige Sicherheit zu kalkulierbaren Kosten

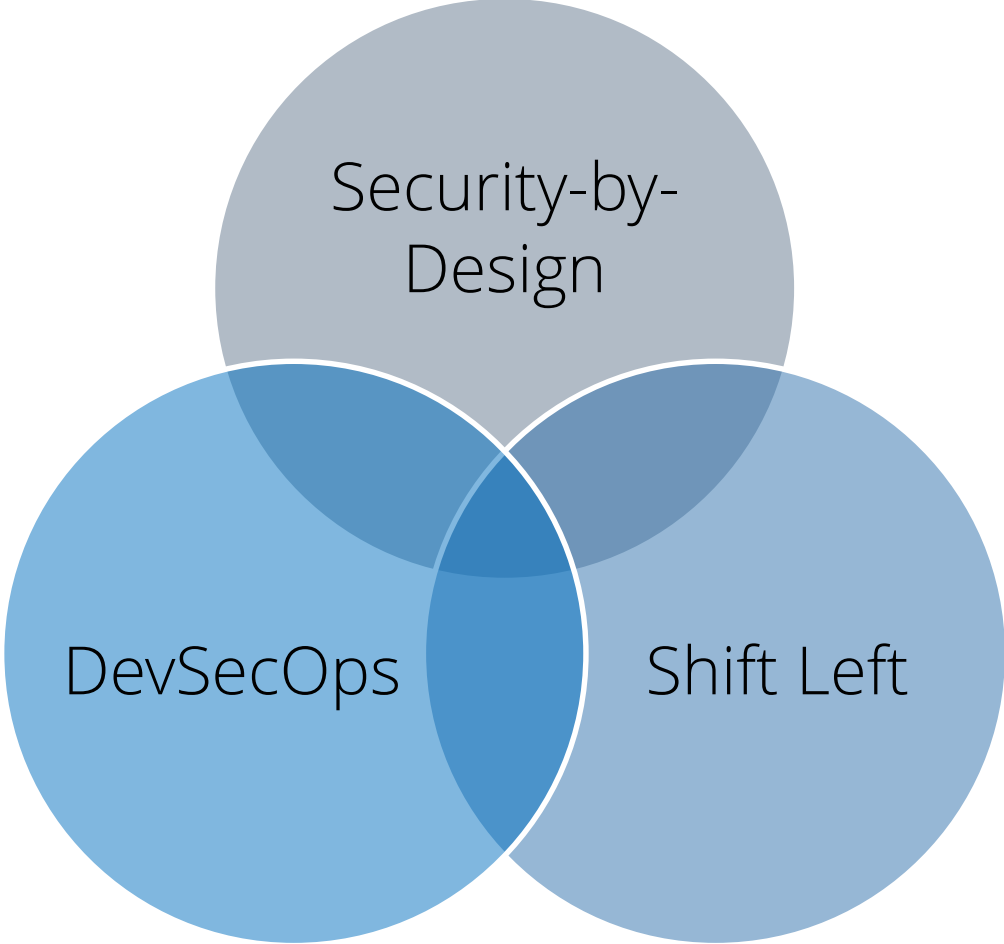
Dr. Bastian Braun

Head of Security Consulting

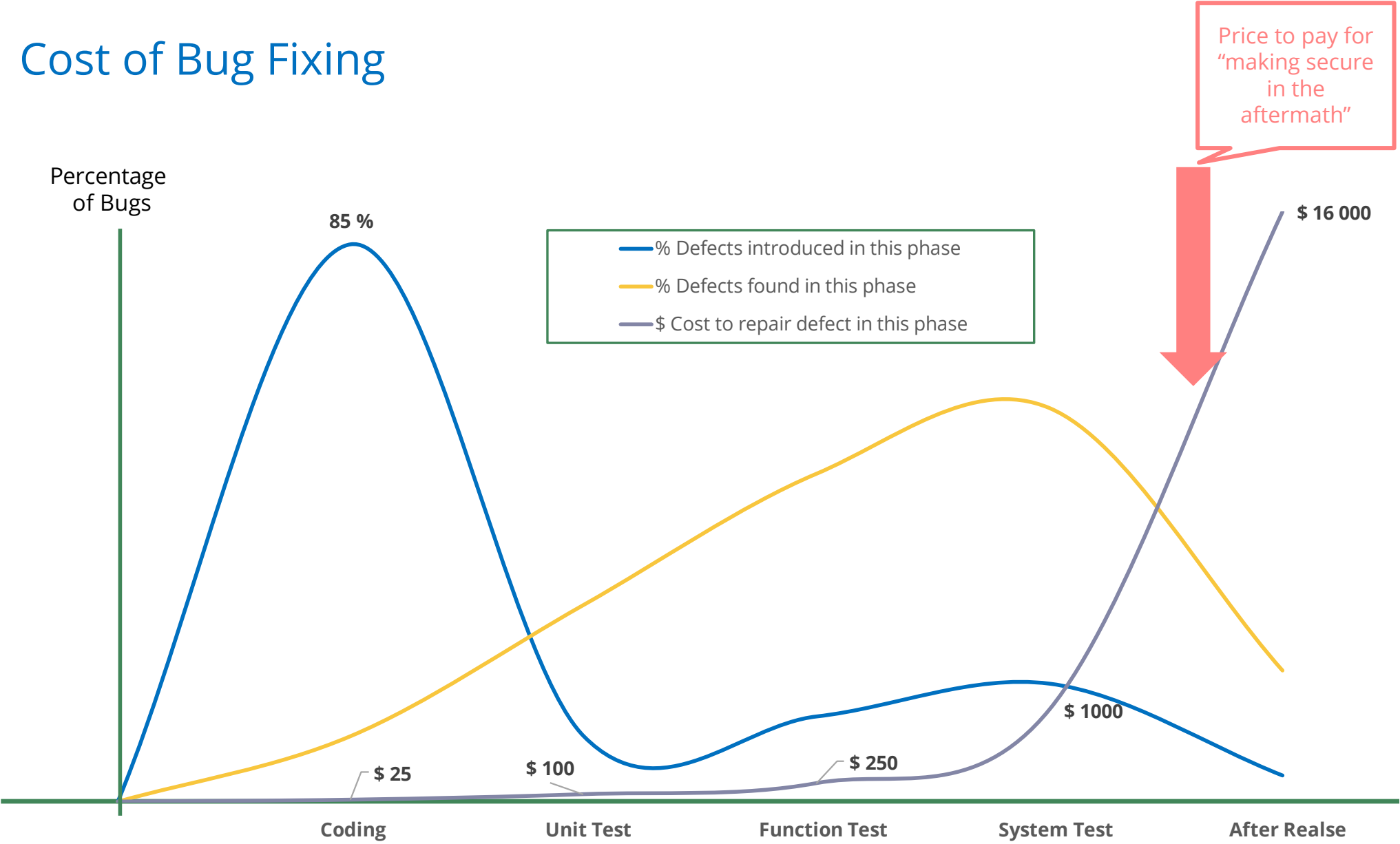
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Modern Trends in Secure Software Development

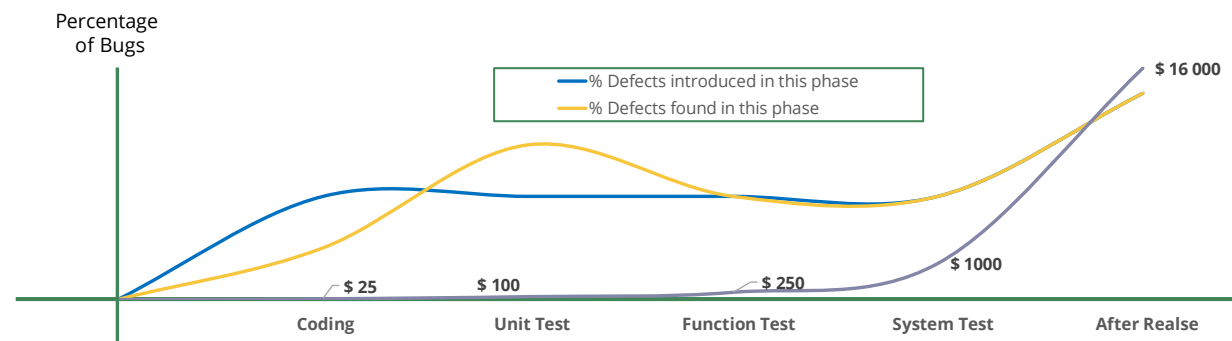


Cost of Bug Fixing



Early Test, Build, Deploy

- Reduced cost for bug/vulnerability fixing
- Security is a quality feature!
- Less time-to-market
- Sooner return on investment
- what if ...

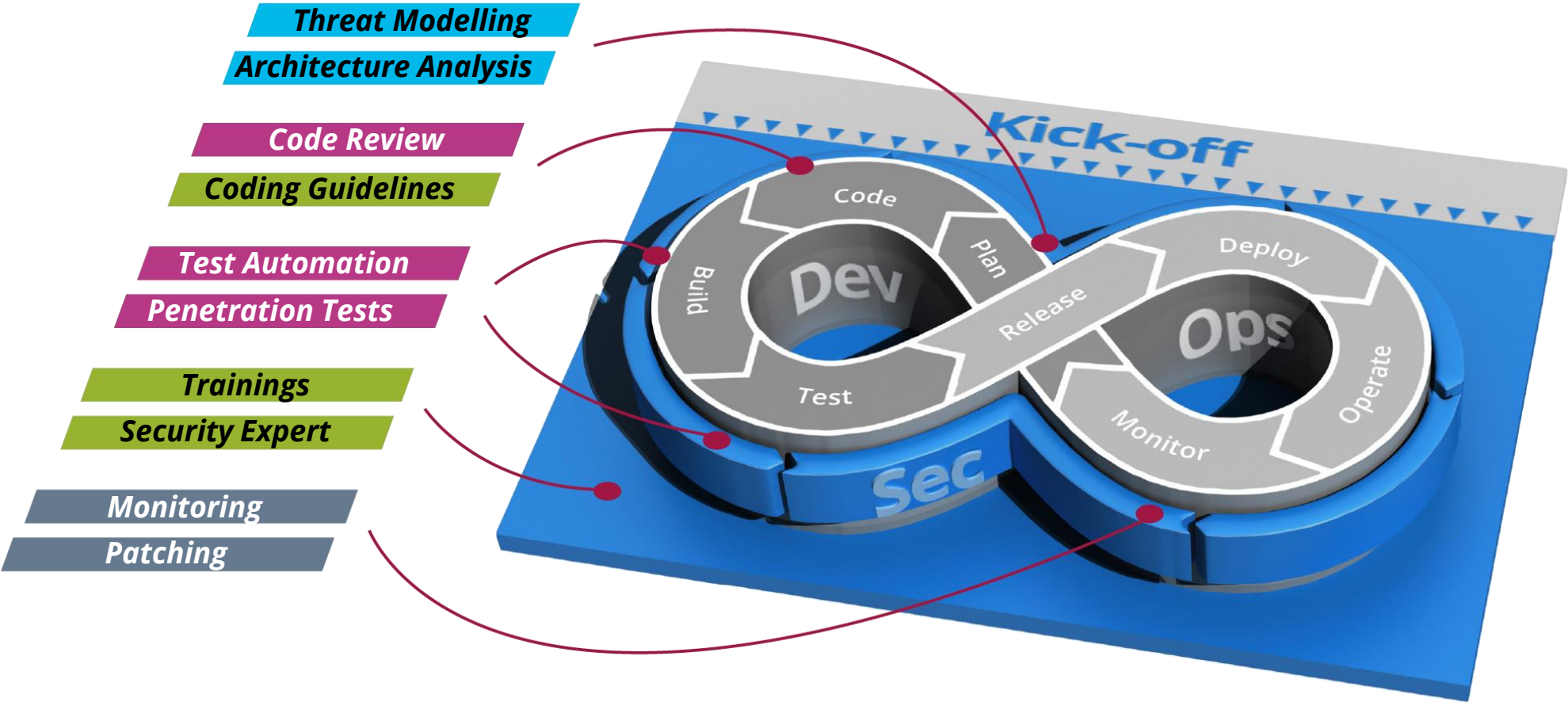


Avoiding Vulnerabilities

- Replace bug fixing cost by good preparation, e.g.
 - Coding Guidelines
 - Feature Specification
 - Security Training
- Save efforts for 2 tests, 1 implementation, 1 bug description, 1 bug fix



Our Approach: Lean Application Security



Lean Application Security – Toolset (excerpt)

Risk and Architecture Analyses

Risk Analysis

Architecture Analysis

Security Engineering

Secure Coding Guidelines

Workshops

Security Expert supports Project

Testing

automated Tests

- Code Scanning
- Vulnerability Scanning

manual Tests

- Code Review
- Penetration Tests

Operating

Patch Processes

Monitoring

Trainings

Best Practices for secure Web Applications

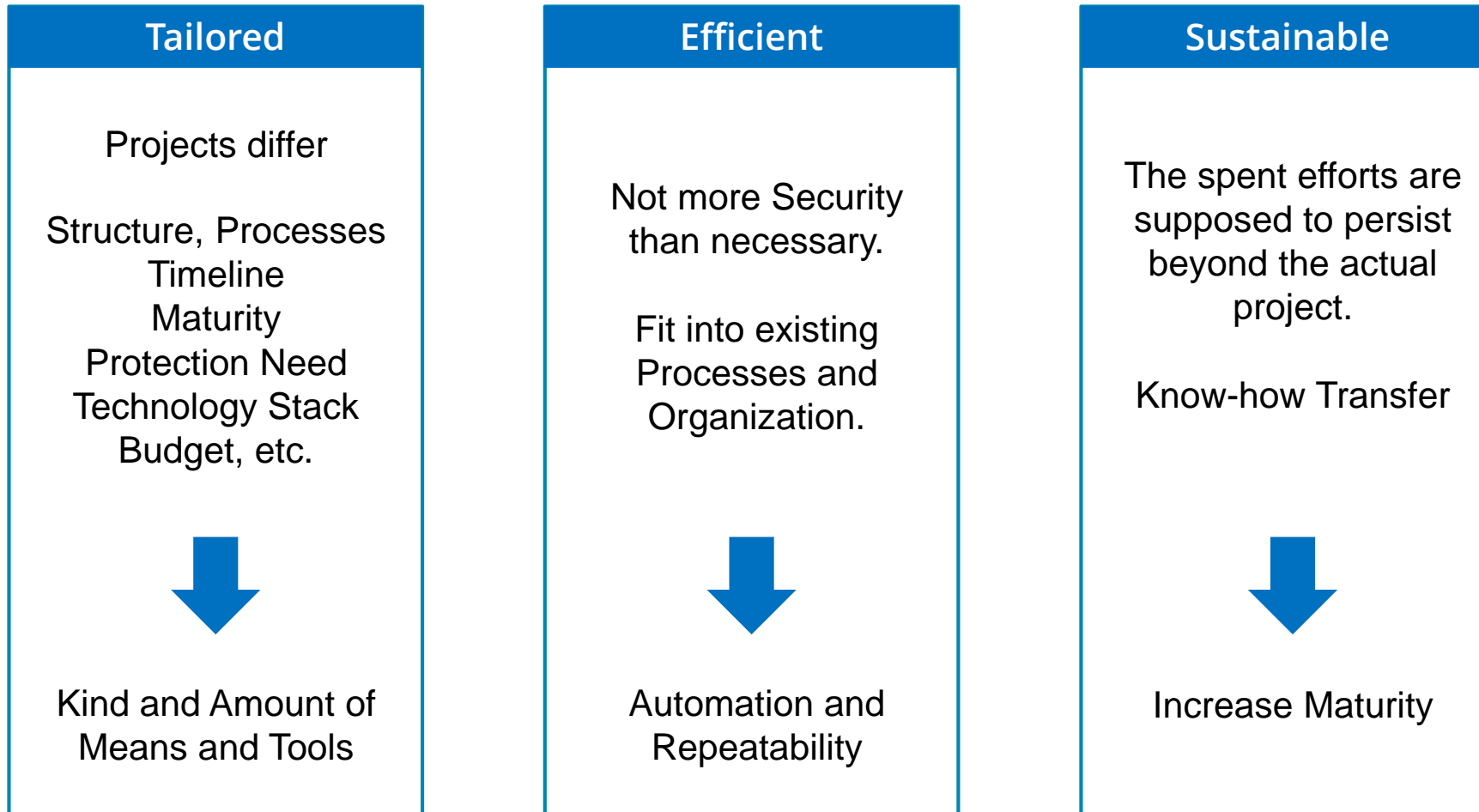
Secure Coding for Web Applications

Secure Coding for mobile Applications

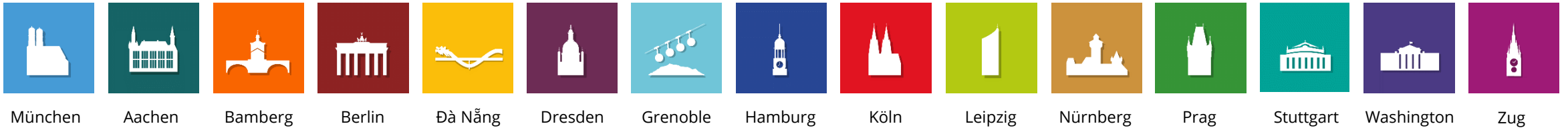
Basics Training IT-Security (also for Non-Technicians)

Secure Integration of mobile Devices

Lean Application Security: Summary



Innovation Implemented.



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