SOCIAL ENGINEERING

· Are phishing attacks effective against your company?
· Do your employees pick up malicious USB drives?

One of the most severe threats in cyber security are social engineering attacks. Phishing is highly effective and responsible for recent high profile attacks. Yet classical penetration testing and security consulting often turns a blind eye to these apparent threats, leaving customers in a false sense of security.

X41 D-Sec GmbH created a process of reconnaissance and replication that enables successful attacks with a high success rate.

All results are anonymized in order to protect the identity and privacy of individual employees.

AUTOMATED APPLICATION ANALYSIS

· Manually reviewing large and complex applications requires a huge amount of time and funding
· Automated flaw-finding is able to find many vulnerabilities efficiently
· Automated testing should be part of any modern development and QA process to establish a continuous security baseline
· Using custom dynamic and static analysis, X41 is able to establish automated testing for infrastructure, software and hardware components

A team of highly experienced experts in software security will analyze the attack surface you have and implement custom methods of fuzz-testing and analysis. As a result automated tests and checks are implemented in order to find existing as well as new flaws continuously.

This service should be part of all modern software development processes and infrastructures.

X41 D-Sec
SECURITY IS BUILT WITH US.

APPLICATION CODE REVIEW

· Applications contain security vulnerabilities that might harm your business and your customers
· X41 identifies these flaws so you can fix them
· An in-depth code and design review is the best training for your developers
· Create a strong secure programming and secure application design focus

In a code review the security experts at X41 help you identify flaws and vulnerabilities and guide improvements in the design of applications.

This helps you making applications more secure.
X41 is skilled in auditing source code in multiple languages (e.g. C, C++, Python, Objective-C, Java, JavaScript, Delphi, .NET, C#) and can help your company identify security issues in your products.

PENETRATION TESTING

· Infrastructures and products have security vulnerabilities
· They cannot be secured by checklists and high level audits alone
· What is your real-world security level?
· X41 attacks systems and products using real hacking-methods
· We evaluate the actual security level
· We identify vulnerabilities that your existing security concepts can't cope with

A penetration test is a simulated hacking attack, performed against your systems using real hacking techniques.

Your team is trained in understanding and defending realistic attacks and all findings are reported in detail in a technical report along with remediation recommendations.

X41 D-Sec GmbH is an expert provider for application security services. Founded in 2015 by Markus Vervier, X41 D-Sec GmbH relies on extensive industry experience and expertise in the area of information security.

A strong core security team of world class security experts enables X41 D-Sec GmbH to perform premium security services in the area of code review, binary reverse engineering and vulnerability discovery.

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