



## Training Catalogue

Knowledge is power



### HA 3.01 | Attacking Mobile Applications Android Edition

#### Overview

This mobile training (designed for mobile developers or security engineers) covers common vulnerabilities that can be discovered in Android mobile applications. The participants will discover the methodology, and the tools used to attack and exploit mobile applications as well as apply them in diverse lab scenarios. This includes reverse engineering vulnerable applications and crafting malicious applications that exploit security vulnerabilities.

#### Who should attend

- Developers
- Ethical hackers, incident responders

#### Skills you'll learn

-  Comfortable with command line (Linux)
- Some experience with reverse engineering

 Level 3

 1 day

 French or English

#### Course Modules

##### **Module 01 – Android testing methodology**

- Part 1: Creating an Android application testing environment
- Part 2: Attack surface and testing methodology

##### **Module 02 – Exploiting vulnerabilities in Mobile Applications**

- Part 1: High-level IPC issues.
- Part 2: Common permission issues.
- Part 3: Accessing Content providers.
- Part 4: Attacking Webviews.

**Bonus 1: Memory corruptions bugs.**

