



Java Card Security

On-site training for engineers



Over the years, Trusted Labs has acquired significant experience in Java Card™ technology and in particular in the security of this technology. Trusted Labs' security evaluations, whose quality is recognized throughout the industry, are based on this expertise.

The Java Card Security training sessions target companies with a strong background in security, which either want to get up to date in Java Card technology, or need to train some of their engineers in the technology.

Focus on security

The training sessions offered by Trusted Labs assume that the trainees already have a working knowledge of Java Card™ technology and of the Java language. The focus is on the lesser-known parts of the technologies, and in particular the inner workings of a Java Card platform and the security mechanisms available to Java Card application developers.

These training sessions are a natural complement to more basic sessions, especially for engineers who will develop high-security applications, or who will be involved in the development of a platform.

Two Parallel Tracks for Platform and Application Developers

Developing Java Card platforms and applications are different jobs, and Trusted Labs acknowledges this by providing different training sessions to platform and application developers.

- **Platform developers:** The training session focuses on a description of the mechanisms of the Java Card virtual machine and runtime environment, as well as on the security requirements expected of a highly secure Java Card application.
- **Application developers:** The focus is on the security of applications, from specification to implementation and testing. The training explains how best to use the mechanisms provided by the platform, as well as how to include countermeasures at the application level.

These basic trainings can be complemented by introductory training sessions on security or by more advanced sessions, for instance about the specific requirements of MasterCard's CAST program.

A Personalized Offer

The training sessions have been designed as on-site training sessions, with all attendees from the same company. It is possible to customize a training session to the specific needs of a company, for instance to integrate it into a more complete training offer, or to focus on issues that are of specific interest to the company. Do not hesitate to indicate any specific requests.

All training material is in English and trainings can be delivered in French or English.

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Trusted Labs
Thinking up your security

