



Certification Program

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- Objective & Key points
- Certification Workflow
- Laboratory
- Certification Tools & Cost

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Certification Program

- Purpose
 - Guarantee the compliance of a smartcard product, based on the CIPURSE™ Specifications
 - Check the interoperability between several implementations
 - Provide referenced measurement for performances
- Scope
 - Functional Testing
 - Interoperability Testing
 - Benchmarking Testing
 - Focus on Card only
- Owner
 - The OSPT Alliance
 - Upon an accredited Laboratory

CIPURSE Certification Program - key points

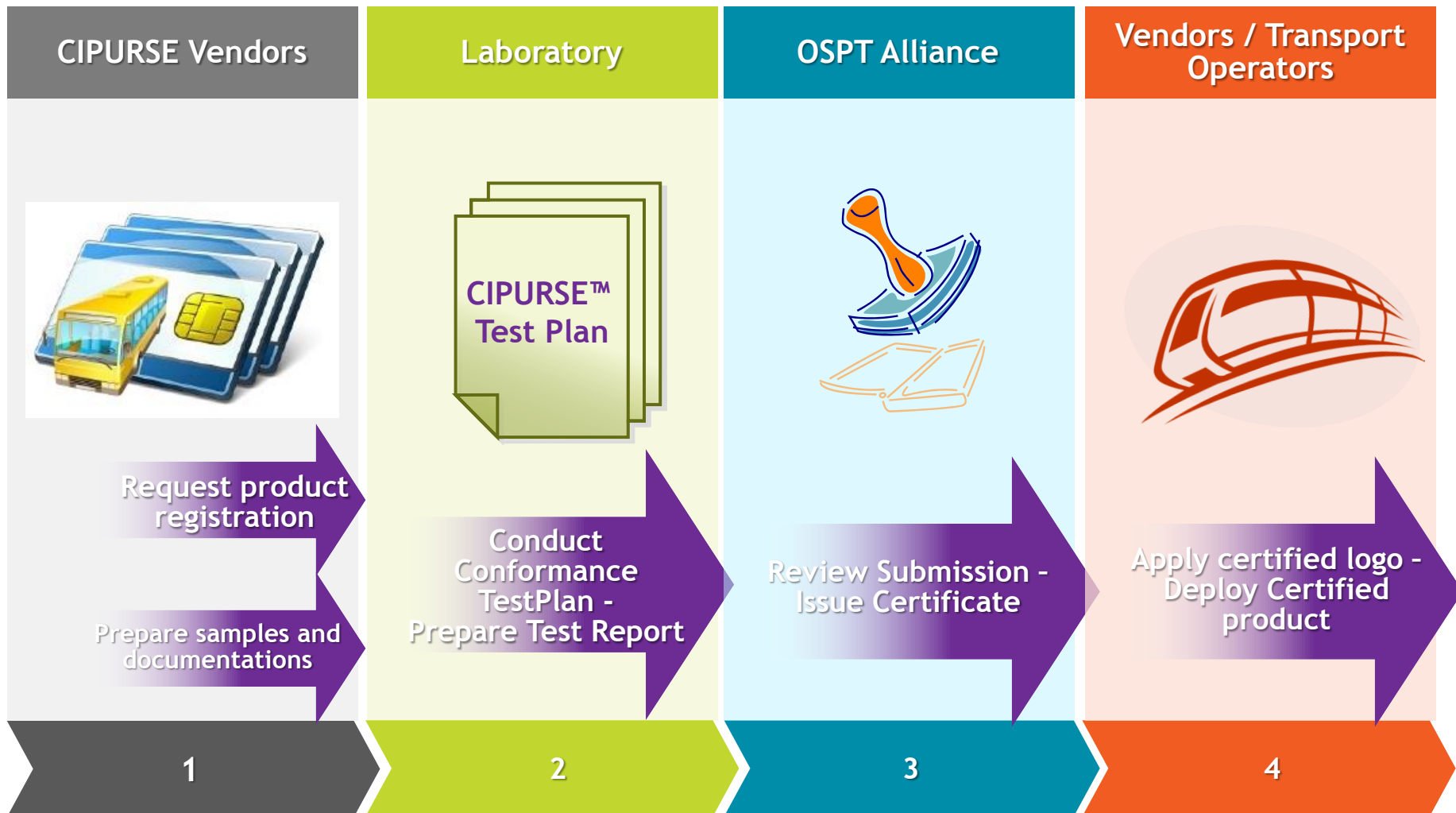
- CIPURSE stamp is granted
 - By the OSPT Alliance
 - Based on CIPURSE Test Plans & Test report
 - Delivered by selected Laboratory
 - Following the ISO 17025 Laboratory Accreditation
- Official logo
 - For the OSPT Alliance Members
 - For their certified product
- Mature program
 - Certification Program is operational since July 2012



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CIPURSE Certification Workflow



- 1 rule: CIPURSE Certification Program
- 1 entry point: Laboratory
- 1 exit point: the OSPT Alliance

A Rigorous & Operational Certification Program

- Certification Laboratory
 - Keolabs
 - selected after annual open Tender
 - <http://www.keolabs.com>
- Certified Card CIPURSE V1 Card products
 - Inside Secure: Java Applet for mobile - Oct 2012
 - Infineon: CIPURSE chip - Oct 2012
 - Oberthur: CIPURSE card - July 2013
- CIPURSE V2 Certification program
 - On going - same basis
 - Q3 2013



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Presence



Offices

- **Headquarters & Validation Platforms Lab**
Lyon, France
- **Certification Solutions Laboratory**
Marseille, France
- **Subsidiary, Keolabs Asia**
Seoul, South Korea



Expert distributors covering

- North America
- Korea
- China (Hong Kong)
- Japan





Commitment

- ☑ **End-to-end offer supporting smart card validation**
 - **Explore & implement** new technologies with confidence & ease
 - **Validate** innovations rapidly, simply & reliably
 - **Certify** products for interoperability, high-reliability & security



exploration



validation



certification

Present through the development cycle from the idea to the finished product



Active in International Standards

☑ Association Membership



☑ Objectives

- Contribute to existing test specifications (ISO 14443, ICAO, NFC FORUM)
- Creation of new test specifications (IDL, EAC, SAC ...)
- Manage the evolution of The Test Specification to update day to day our Solutions

Customer References



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Certification Program: Tools & Cost

- Certification **Session** for Card / Mobile Equipment
 - Official Session 3800 € (~ 150.000 THB)
 - Any additional Profile + 500 € (~ 20.000 THB)
 - Duration: 3 weeks (nominal)
 - 2 weeks for Lab
 - 1 week for OSPT Alliance
- **Debugging sessions**
 - On a Day basis, in KeoLabs premises 1300 € (~ 51.000 THB)
- Certification **Debugging Tools**
 - Conformance Test Tool (software)
 - Express Edition www.keolabs.com/cipurse-express 3500 € (~ 137.000 THB)
 - Developer Edition www.keolabs.com/cipurse-developer 9500 € (~ 373.000 THB)

For Additionnal information

- Visit our OSPT Alliance Certification Web pages

www.osptalliance.org/certification

- Product Registration

- Email

cipurse_certification@keolabs.com

- OSPT Alliance Laboratory

- KeoLabs www.keolabs.com



Thank you

For more information about CIPURSE™, please visit:
www.osptalliance.org