



Integri

a Clear2Pay company

Card Profile Loading Add-on Level 2 Card Testing

INQ[®] End-to-End Payment Platform

Product Features

- **User-friendly add-on for all Integri Level 2 Card Test Suites.**
- **Allows creation of Card Profiles for M/Chip, PayPass, CCD, CPA, VSDC/qVSDC/MSD,...on a test card**
- **Simplified and faster level 2 testing**

Product Description

For the functional testing of your EMV cards there's a huge amount of card profiles defined. To illustrate:

- M/Chip: +/- 15
- PayPass: +/- 15
- CCD: +/- 50
- CPA: +/- 50
- VSDC/qVSDC/MSD: +/- 70
- ...

Testing all these defined profiles is a time consuming activity because for each profile a physical card needs to be personalized and tested one by one: insert a card, run all tests, remove the card, insert another card and so on.

With Integri's Card Profile Loader add-on, these manual interactions become redundant.

Your functional testing of EMV cards is now simplified and remarkably faster:

You only need to insert 1 empty card in the card reader, and launch the automated tests with 1 mouse click. The solution then executes all tests on all card profiles without any further user interaction required: the tool will personalize each card profile and test it one after the other. Conveniently. Automatically.

A step-by-step example:

- Insert an empty smart card in the card reader
- Start the automated tests (which includes the profile loading) with 1 mouse click
- The tool loads/installs your applet on the card (for example: a java applet is loaded/installed on the card based on the Global Platform specification V2.2)
- The tool personalizes the first defined card profile on the card (for example: personalization can be done based on the EMV Common Personalization Specification)
- The tool performs all tests on the card profile
- The card is then cleared (for example: delete java applet on the card based on the Global Platform specification V2.2)
- The tool loads/installs the applet on the card
- Personalization of the second defined card profile on the card
- The tool performs all tests on the card profile
- The card is cleared
- ...

This Card Profile Loading solution can be added to all Integri Level 2 Card Test Tools and needs to be customized based on your requirements for:

- Deleting/loading/installing the applet on the card, for example based on the Global Platform specifications.
- Personalizing the Card Profiles on the card, for example, based on the EMV Common Personalization Specification.

Reference

NXP uses the Card Profile Loading Solution as add-on to the M/Chip 4 L2 Card Test Suite (Contact) and the PayPass M/Chip and Magstripe L2 Card Test Suite (Contactless).

Out of the box testing

E: info@integri.com

W: www.integri.com





Integri

a Clear2Pay company

Integri is a wholly owned, autonomous business unit of Clear2Pay, an international financial technology company focused on delivering globally applicable solutions for secure, timely electronic payments. Clear2Pay operates from 13 international offices and currently employs over 400 staff.

Integri headquarters

Leuvensesteenweg 325/3
B-1932 Zaventem
Belgium
P: +32 2 717 69 00
F: +32 2 717 69 67
E: info@integri.com
W: www.integri.com