Galitt
Testing Solutions

VisuCard®

Personalization Validation

VisuCard® is the Card Personalization Validation tool (CPV), qualified by the main International or Domestic Card Schemes for any payment card or form factors with contact and contactless interface.

The software provides the following features:

- Card checking and data visualization;
- Step by step expertise of card data;
- Edition of the Validation Rules and card personalization profiles;
- Qualification to run regression controls from virtual card images.

Several optional elements complete the configuration, in particular:

- CAP & DPA Validation Rules to check the personalization of such applications;
- KeyControl™, which can be connected with an HSM to check card secret keys.

KEY FEATURES

- Automatic recognition of the type of card to be analyzed
- Validation rule editor, unique on the market
- Multilingual tool
- Card profile creation for an exhaustive control of the personalization in a context of multi-interfaces and multi-applications cards
- Consistency checks (Magnetic stripe / chip data, contact / contactless)
- Verification of card keys and handling of issuer scripts
- VPA Profile Import
- Virtual Card Image

GALITT ADVANTAGE

VisuCard® provides the user with a personalization validation tool which is easy-to-use and upgradable, and addresses automation issues:

- VisuCard® is composed of a wide range of personalization validation tools recognized and qualified by several schemes (Mastercard, Visa, Groupement des Cartes Bancaires "CB", Discover® Global Network, Bancontact...).
- For more than 10 years, Galitt has been the leader in the market of PVT, recognized by the Groupement des Cartes Bancaires for "CB" card.
- Galitt fame has been built on its tools relevance and cleverness, but also on the follow-up of its customers and the quality of its after-sales services.

VisuCard®

MAIN FEATURES

VisuCard® Products enable reading and controlling personalized cards against Personalization Validation Rules and Issuer's profiles, by using a set of test modules.

Performing tests

- Card Check module to automatically run controls in production environment.
- Card Expertise module to display data, structures and control results in various meaningful views (tag, tree view, APDU…).
- Qualification module to perform regression testing from a batch of cards previously checked and saved (card image database).

Preparing the test environment

- Card Profile Edition to create and manage card profiles from templates or real cards.
- Validation Rule Edition to define a new set of rules, or bring some specifications to a set of reference Validation Rules.
- Configuration to set up test execution parameters of the hardware and software, in particular contexts of reading and control of card (POS, ATM, etc.).

VisuCard® PRODUCT LINE

VisuCard® Products complement each other and can be combined to analyze multi-application profiles.

Among the available products:

Mastercard

VisuCard® for MasterCard **qualified**

Visa

VisuCard® GPVT **confirmed**
Extension "US Requirements" **confirmed**

Groupement des cartes Bancaires (France)

VisuCard® CB DUAL including CB Dual interface Cards version 2.2 **validated**

Discover® Global Network

VisuCard® for D-PAS **qualified**

Bancontact (Belgium)

VisuCard® Bancontact EMV **qualified**
VisuCard® Bancontact for HCE **qualified**

TOOLS

Complementary tools are also included in each VisuCard® product and offered to the user, such as Manual testing, ISO controls, mag-stripe controls.

KeyControl™ is an optional tool which offers:
- Verification of card secret keys;
- SSL interface with a secure server managing a HSM.

TECHNICAL SPECIFICATIONS

Supported Specifications
- EMV
- M/Chip (Mastercard, Maestro…)
- *PayPass*™ Mag-stripe & M/Chip
- Mastercard Personalization Validation Tool Requirements
- VIS VSDC (Visa, V Pay, Electron…)
- VCPS (MSD & qVSDC)
- Visa Global Chip Card Personalization Validation Requirements
- D-PAS Chip Card Application Personalization Validation Rules
- ZIP
- J/Smart
- AEIPS & Expresspay
- CB DUAL (contact & contactless)
- Bancontact Card Standards Manual
- Bancontact Mobile Contactless Card Specifications
- Multi-applications…

Supported Readers
- Any PC/SC reader (contact or contactless)
- MAGTEK® Mag-stripe reader (USB)
- EVOLIS Quantum Printer

Supported Intelligent Readers
- OTI Saturn 6000
- ViVotech 4500
- ViVotech 5000
- Other upon request

Hardware Configuration
Single PC (4 GHz or above)
- Windows™ 7 SP1
- Windows™ 8
32 bit or 64 bit