

# VISUCARD® GPVT

**VISUCARD® GPVT** is the Card Personalization Validation tool (CPV), **confirmed by Visa** designed to check any Visa card or form factor (VSDC, payWave™ and DPA) against GCCPV requirements.

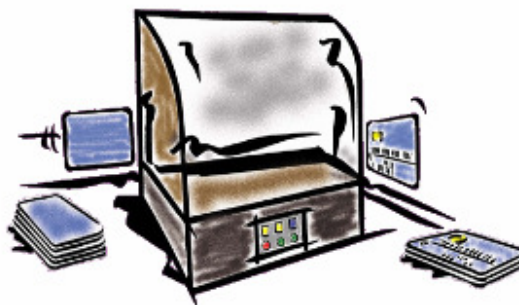
This software product offers the following features:

- **Card checking** and data visualization;
- Step by step **expertise** of card data;
- **Edition** of Validation Rules and card personalization profiles.

Several optional elements complete the configuration, in particular, **KeyControl™**, which can be connected with an HSM to check card secret keys.

## Key features

- **Validation rule editor, unique on the market, for any proprietary implementations**
- **Multilingual tool (French, Spanish, English... and any other language)**
- **Automatic recognition of the type of card to be analyzed**
- **Card profile creation for an exhaustive control of the personalization in a context of multi-applications cards**
- **Consistency checks (Magnetic stripe / chip data, contact / contactless)**
- **Optional verification of card keys**



## GALITT advantages

**VISUCARD® GPVT is confirmed by Visa** as a Personalization Validation tool meeting Visa requirements:

- **VISUCARD® GPVT** is part of the wide range of personalization validation tools from GALITT **recognized and qualified** by different schemes (**MasterCard, Visa, Groupement des Cartes Bancaires « CB » ...**).
- For **more than 10 years**, GALITT has been **leading** the market of Personalization Validation Tool, recognized by the Groupement des Cartes Bancaires **for the « CB » card**.
- The GALITT reputation has been built from its **relevance** and **cleverness** of its tools, but also from the support of its customers and **the quality of its customer services**.

## MAIN FEATURES

VISUCARD® products allow to read and control personalized cards against a Card Personalization Test Plan and Issuer's profiles, by using a set of test modules.

VISUCARD® GPVT includes the following features:

### 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...).

### 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.


### VISUCARD® GPVT,


a product of the wide VISUCARD® line of Personalization Validation tools.

The products of the VISUCARD® range complement each other and can be associated to analyze multi-application card profiles.

Among the other available products:

 **VISUCARD® for MasterCard**, for any MasterCard card or form factors (M/Chip, PayPass™), **qualified by MasterCard.**

 **VISUCARD® VTC** for contactless cards based on Visa specific requirements in USA, implemented **in cooperation with Visa.**

 **VISUCARD® CB** has been the **Groupement des Cartes Bancaires** reference tool for more than 10 years, and meets the requirements of validation for all the « CB » contact or contactless cards as well as for the MONEO e-purse.

## TOOLS

**Complementary tools** are also included in the each VISUCARD® product and proposed to the user, such as:

- Manual testing,
- ISO controls,
- Magstripe controls.

**KeyControl™** is an optional tool which offers:

- Verification of card secret keys;
- SSL interface with a secure server managing a HSM.

## Technical specifications for the VISUCARD® Range

### Supported Specifications

- EMV 2000
- M/Chip 4 (MasterCard, Maestro...)
- PayPass™ Magstripe & M/Chip
- VIS 1.4 (V Pay, Electron...)
- Visa MSD (VCPS 1.4 & 2.0.2)
- qVSDC (VCPS 2.0.2)
- J/Smart
- AEIPS
- CB contact & contactless
- Moneo 1.6.2 & 2.5.2
- Calypso
- ...

### Supported Readers

- Any PC/SC reader (contact or contactless)
- OMRON magnetic stripe reader
- XAC hybrid magnetic stripe and chip card reader (USB), optionally motorized
- MAGTEK® motorized reader
- GALITT USB reader for Moneo cards (non-EMV)

### Supported Intelligent Readers

- OTI Saturn 6000
- ViVotech 4500
- ViVotech 5000
- Other upon request

### Supported OS

- Windows™ XP SP2 & SP3 (recommended)

### Hardware Configuration

- Pentium PC (1GHz or above)
- 1 Gb RAM
- 1 Gb hard disk space
- RS232 (OMRON reader)

