

Collis Card Image Editor



“The Collis solution provides true card simulation – it is like using real physical cards. The platform emulates all the functions of an actual EMV Chip card and helps Global Payments deliver highly reliable, compliant EMV Chip products that will have longevity in the marketplace.”

Jamia J. Awad
VP, Strategic and Third Party Solution,
Global Payments Canada

Card Image

Various EMV card products are now available worldwide. Each smart card is custom made to reflect the business requirement of a specific market segment for a specific bank in a specific region, called a Card Image.

Creating EMV Card Images are complex. The process involves deep understanding of card issuing and acquiring, thousands of pages of technical specifications, security risk and cryptography level, etc. They contain hundreds of parameters; one bit in the wrong place could cause disaster.

In the end, physical cards are produced and tested for compliance. If compliance is not met, you need redo the process until it does. This is a costly, time consuming and error prone process; prolonging the time to terminal and card roll out. Ultimately, high quality test tools are a must to simplify such big operation.

Collis Card Image Editor

The Collis Card Image Editor is a logical addition to Collis’ portfolio of high quality solutions for the payment industry. As a comprehensive product for editing EMV card image it allows the user to create new or edit existing card images. This can be done by simply importing an existing template which can then be modified to create unlimited test card criteria.

The value of such a product can be experienced from both sides of the payment chain: **Issuers** can use it in combination with the Collis EMV Personalization Validation Tool in data preparation and validation, while **Acquirers** can use it together with the Collis Card Simulator for testing terminals.

The result is a highly flexible solution giving Issuers and Acquirers ultimate flexibility and added value in card or terminal testing.

Collis Card Image Editor - Key Benefits

- ◆ Manage your card profiles and images efficiently
- ◆ Speed up chip profile definition for new card products
- ◆ Ensure fulfillment of business requirements in your card products
- ◆ Output can be used in communication with issuer or personalisation bureaus
- ◆ Test your terminals with cards that you define
- ◆ Less human errors

Serving Both Sides



Collis Card Image Wizard: an easy way to generate card images

Value for Issuers

As an Issuer or Personalisation Bureau you are constantly in an uphill struggle in validating card types. It is costly and time consuming to produce actual test cards only to find that they cannot be validated.

The Collis Card Image Editor and Wizard can help you avoid this ongoing battle. The **Card Image Wizard** allows you to create card profile according to your business requirement. After completing simple guided steps, you will be presented with profile-specific card images.

Now you can take an image of a card in the **Card Image Editor**, “tweak” it, and carry out infinite rounds of testing before producing the real card. Moreover, the tool allows automatic cross referencing with the EMV specification documents.

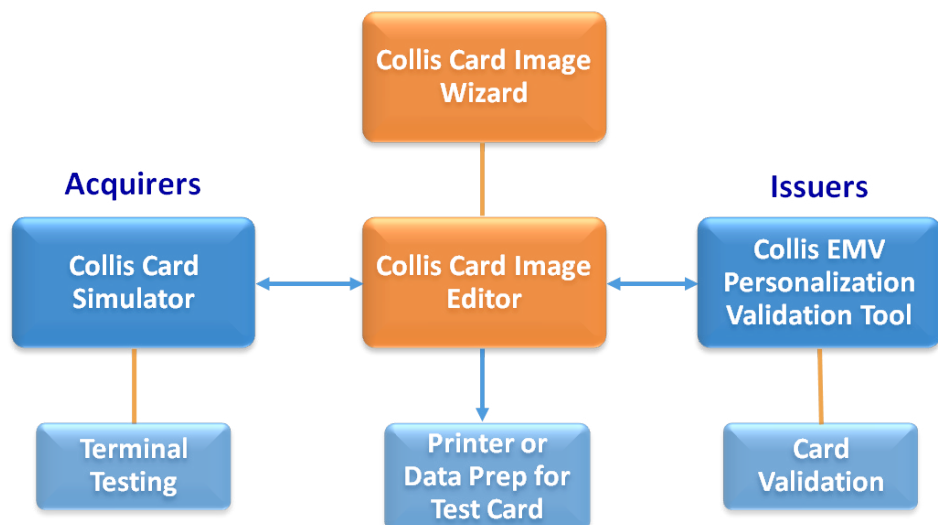
The newly created card images can be validated again with the Collis EMV Personalization Validation Tool to further simplify the testing process within the development environment.

Value for Acquirers

If you come from the Acquirer or Merchant side of the payment network you are probably already aware of the difficulty of testing terminals (POS and ATM) with physical cards. Risks such as damaging or losing the cards along with distribution costs do not help the situation. Add the complications involved with obtaining specific test cards for specific test requirements and it becomes clear why the Collis Card Image Editor can be your new best friend.

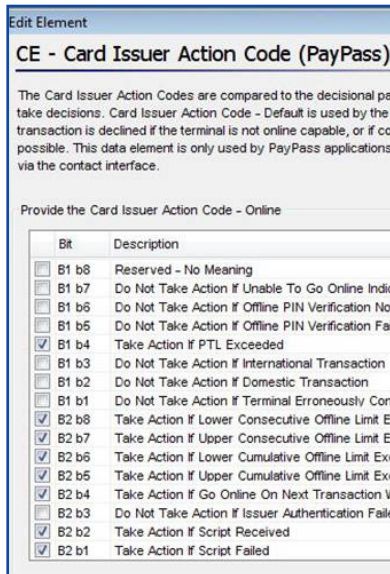
With the Collis Card Image Editor you can capture card images from existing cards, or simply open image library and choose from hundreds of certified Card Images designed by Collis expertise over the last 12 years.

Combined with the Collis Card Simulator you are now able to simulate cards for terminal testing. This approach enables a more flexible way to trace communication with terminal without specific test cards. Hence, your testing process greatly speeds up. In addition, you are able to export the data for creating physical test cards.



Interaction of Collis Card Image Editor in the Payment Network

Card Image Editor



Element Editor

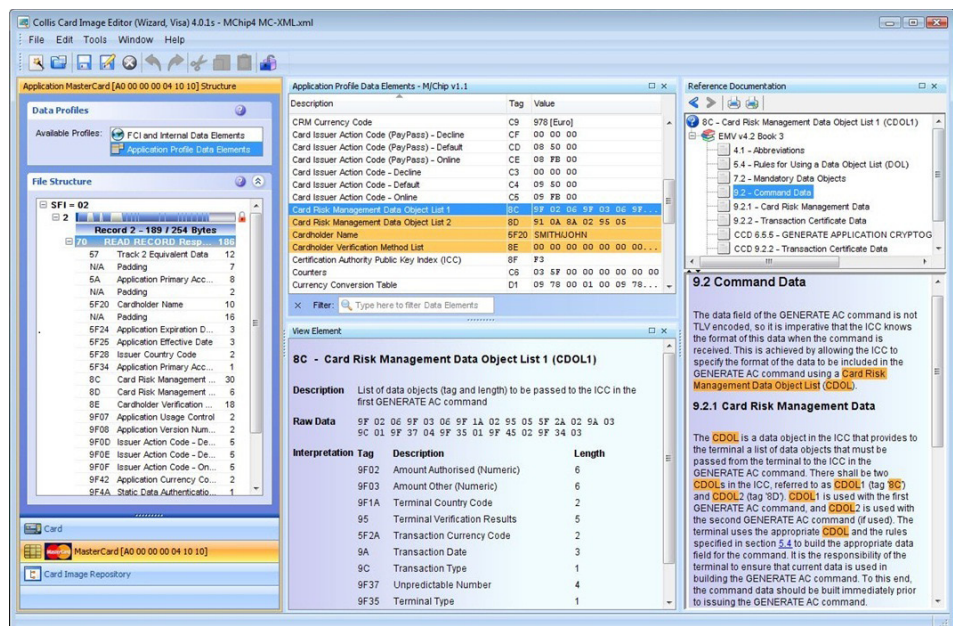
Collis Card Image Editor's ability to selectively edit individual data elements is achieved via a modern and easy to navigate graphical user interface. The Tool:

- Easily create, load, edit, and update card images, applications, and file structures
- Controls over the value of each parameter
- Automatically cross referencing to EMV specifications
- Provide a variety of specialty editors including CVM (Card Verification Method), Track 1 and 2, and DOL (Data Object List) editor
- Supports single and multi application
- Supports contact, contactless, and dual interfaces
- Supports payment schemes such as EMV, MasterCard (Maestro, Cirrus, PayPass, SecureCode, PayPass MagStripe, M/Chip, PayPass M/Chip, CAP), Visa (VSDC, VCPS, Electron, VPAY, Plus, payWave), Interac, SPAN, JCB, AmEx

Card Image Wizard

Collis Card Image Wizard is fully integrated into the Collis Card Image Editor. The Tool is a unique "EMV Consultant in a Box" that:

- Creates fully compliant card images from scratch in less than 2 minutes
- Requires no technical knowledge
- Does not ask unnecessary question
- Efficiently gather business requirement
- Supports contact interface cards
- Supports single and multi application
- Create card images of MasterCard (Debit and Credit, Maestro, Cirrus, M/Chip, CAP), Visa (Debit and Credit, Electron, Plus, VSDC, VCPS)



Collis Card Image Editor

Product Range

- ◆ **Collis Card Image Editor**

Ref Code: C-CIE-P1

Recommended for Issuers

- ◆ **Collis EMV Personalization Validation Tool**

Ref Code: C-PVT-P1

Recommended for Acquirers

- ◆ **Collis Card Simulator**

Ref Code: C-CS-P1

Additional Products

- ◆ **Collis Brand Test Tool**

Ref Code: C-BTT-P1

- ◆ **Collis Visa payWave Test Tool**

Ref Code: C-VpTT-P1

- ◆ **Collis Card Spy**

Ref Code: C-Spy-P1

- ◆ **Collis Personalization Validation for Production**

Ref Code: C-PVT-Prod-P1

- ◆ **Collis Host Test Tool**

Ref Code: C-HTT-P1

Services

- ◆ **EMV Brand Certification Service**

Ref Code: EMV-BCS

- ◆ **EMV Chip Profile Definition Service**

Ref Code: EMV-CPDS

Training

EMV Training

- ◆ **Executive Summary**

Ref Code: EMV-ES

- ◆ **Expert Course**

Ref Code: EMV-EC

Contactless and Mobile Payments Training

- ◆ **Executive Summary**

Ref Code: CLMP-ES

- ◆ **Expert Course**

Ref Code: CLMP-EC

Contact

The Collis and Aspects portfolio of test tools are developed by UL Transaction Security.

For sales enquiries, please contact us at info@ul-ts.com, visit www.ul-ts.com, or contact a UL Licensed Reseller.