

Collis Brand Test Tool



Ensure acceptance of payment brands like Visa, MasterCard & American Express

Qualified by MasterCard & confirmed by Visa for the formal terminal certification process

Ensuring Satisfaction

Wherever consumers travel these days, they expect their debit/credit card to work; especially on terminals where they see their own card's logo displayed. Behind each logo however is a history of tests performed and successfully passed.

By passing these tests (so-called 'brand' tests), you are reducing the chances of any possible setbacks that consumers could encounter. In other words you are ensuring customer satisfaction through successful card payments.

Whether you're involved in acquiring EMV transactions, developing POS/ATM software or integrating retail payment environments, brand testing is essential. The payment associations have made these tests mandatory. In other words, they simply have to be done!

Brand Testing

Collis Brand Test Tool (Collis BTT) offers a unique solution to enable you as terminal acquirers/vendors to validate the payment brand certification of your EMV terminal, both POS and ATM.

Brand testing is a vital component in the overall certification process. The test tool's core purpose is ensuring acceptance of cards from payment association such as AmEx, Visa, MasterCard, JCB, Diners Club, Discover, Interac, and domestic scheme operators.

The Collis BTT is able to detect interoperability issues before the terminals are released in the field. This saves money in the long run and ensures a trouble-free process when the terminals go live. The test tool automates the required tests. This enables a shorter time-to-market.

Collis Brand Test Tool - Key Benefits

- ◆ One comprehensive tool for all major brands
- ◆ No physical cards needed
- ◆ Reduce time-to-market and save costs
- ◆ On-screen user guidance when performing tests
- ◆ Ensure acceptance of payment cards
- ◆ Ensure terminal configuration in its environment of use
- ◆ Detect interoperability issues at an early stage
- ◆ One solution for POS and ATMs accepting contact, contactless and mobile.

Successful Testing



Collis BTT includes brand testing for seven major brands, domestic scheme testing can be delivered on request

The Final OK

Before a terminal can be taken into production there is a series of tests that need to be passed. These include: PCI PED (Payment Card Industry PIN Entry Device) security requirements, EMV Level 1 and EMV Level 2. The Collis Brand Test Tool is used as a final test - per brand - to ensure the terminal works correctly in its environment of use.

Types of brand testing supported by Collis BTT are:

- AEIPS from AmEx
- ADVT from Visa
- M-TIP from MasterCard
- TCI from JCB
- Acquirer E2E from Diners Club International
- Acquirer E2E from Discover
- Interac Terminal FTT from Interac

The test tool enables a terminal to be tested within the environment of use and for the brands that will be used in the field. The ultimate goal of these tests is to have an EMV-compliant and payment association-certified terminal that can perform trouble-free transactions within your entire payment infrastructure.

Step-by-Step

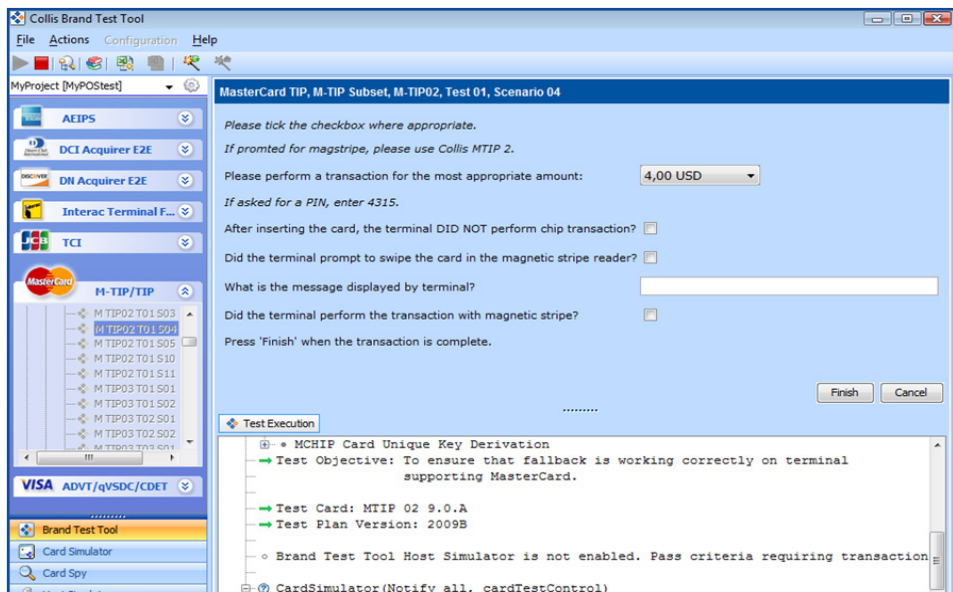
The configuration of the Collis BTT is easy-to-follow and when performing tests, clear user guidance is provided on how to perform each test case.

Before each test, there is a set of clear instructions explaining the type of transaction that you need to perform. After each transaction, a detailed report is automatically generated. These reports are particularly useful when pinpointing errors.

The Collis Brand Test Tool fits into test processes defined by MasterCard - import the MasterCard M-TIP test report; and Visa - upload the test results to the VISA CCRT tool.

Always up-to-date

One of the key benefits of using the Collis BTT is our promise of having the most up-to-date version needed. When a payment association adds a new test or makes changes to an existing one, rest assured Collis will be on top of this. We make these changes efficiently for you to download. Therefore your Collis BTT is *always* up-to-date.



Collis Brand Test Tool with easy-to-follow instructions

Complete Package

Host Simulators



ATM Terminal Testing



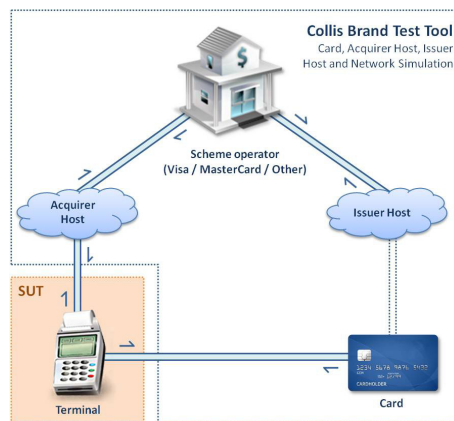
POS Terminal Testing

With the Collis Host Simulators & Utilities module, you have even more flexibility in your testing. The Module allows you to perform terminal tests using your own test scenarios and set the host configuration parameters at your discretion.

The Collis BTT is set up by simulating the Card at one end and the Network and Issuer Host, and additionally the Acquirer Host if required, at the other.

Acquiring Host Simulator Option

This configuration is beneficial when it comes to pre-certification of your terminal. It means you can carry out the specific brand testing at your convenience and not be restricted by the Acquirer's requirements. Collis offers several Acquirer Host Simulator protocols such as VisaNet, MasterCard BankNet, APACS 70, ISO 8583, AS2805 and C-TAP to name a few.

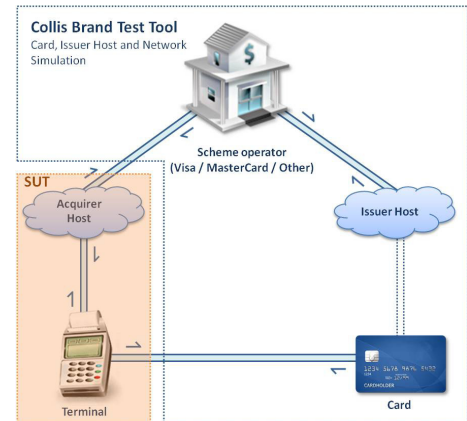


The Terminal is the System Under Test (SUT) and Acquirer Host is simulated

Network Simulator Option

When your terminal has passed the tests on the Acquirer Host simulator, you can then connect to your Acquirer Host and perform the tests with confidence. This added flexibility to the Collis Brand Test Tool can save time and money in the long run. It means you are not restricted by having to perform the

tests within a specific time frame imposed by the Acquirer Host.



The Terminal and Acquirer Host are the System Under Test (SUT)

ATMs

Collis BTT can be used for both POS-terminals and ATMs. For ATMs equipped with motorized readers, you can choose to use the real-time simulation using the ATM probe, or physical cards with simulated card image and transaction logging capabilities. Using the physical cards solution ensures that the shutter of the motorized reader does not prevent from successful testing on a production ATM.

All-in-one Tool

Collis Brand Test Tool contains the functionality of Collis Card Simulator and Collis Card Spy. If you purchase Collis Brand Test Tool there is no need to buy Collis Card Simulator separately for MasterCard TIP, Visa ADVT, American Express AIPS, JCB TCI, Diners Club International Acquirer E2E, Discover Network Acquirer E2E, and Interac Terminal FTT.

Please read our brochure to learn more about the Simulator tool and the Spy tool by visiting our website www.ul-ts.com.

Product Range

- ◆ **Collis Brand Test Tool, including:**
 - Collis Card Spy
 - Collis Card Simulator
 - Collis Brand Test Tool
 - Collis SmartLink Box (contact)
 - Collis SmartWave Box (contactless)

Ref Code: C-BTT-P1
- ◆ **Collis Host Simulation and Utilities**

Ref Code: C-HSU-P1
- ◆ **1 set of MasterCard Interoperability subset (confidence) cards**

Ref Code: MCCards-P1
- ◆ **1 set of ATM test cards**

Ref Code: ATMCards-P1

Additional Products

- ◆ **Collis Visa payWave Test Tool**

Ref Code: C-VpTT-P1
- ◆ **Collis EMV Personalisation Validation Tool**

Ref Code: C-PVT-P1
- ◆ **Collis Card Image Editor**

Ref Code: CCIE-P1

Additional Services

- ◆ **Brand Testing Services**
- ◆ **MasterCard M-TIP Formal Approval Services (FAS)**
- ◆ **EMV Training**
- ◆ **Contactless and Mobile Payment Training**

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.