



FIME®

One Action. A billion transactions.



Ensure readiness of your smart card for EMVCo certification

GET YOUR CHIP CARD APPROVED FASTER

Interoperability in contact smart card is key for the payment schemes. Any product shall comply with the latest specification from EMVCo.

Carrying out the testing internally to assess easily and rapidly that the product is ready for the approval is a major step on product development.

A COMPREHENSIVE AND QUALIFIED TEST TOOL

The EMVeriCard tool has been designed to help improve smart card testing by automating the processing of test scripts. It ensures the complete validation of your smart card.



EMVeriCard is used for compliance testing of the protocol and electrical components of EMV Level 1 for CCD/CPA or any payment brand smart card.

It helps to enhance global interoperability of smart cards and prepare for certification testing for Level 1 electrical and protocol requirements according to EMVCo test plan. The tool is EMVCo qualified.

+ KEY BENEFITS

- Run tests scripts automatically.
- Perform both protocol and electrical analysis for :
 - EMV,
 - MasterCard M/Chip,
 - Visa VSDC.
- Generate complete test reports with detailed results.

+ KEY FEATURES

- Friendly and easy to use interface.
- Officially EMVCo qualified test tool.
- Simply upgradable and scalable.



EMVeriCard

LEVEL 1
CONTACT CARD
TESTING



LEARN MORE



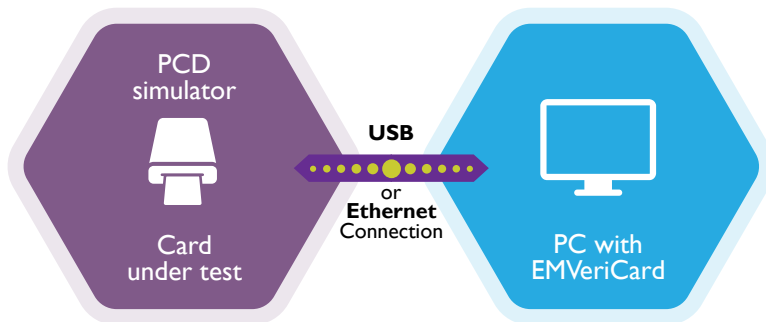
www.fime.com/emvericard.html

FIME CONTACTS

Americas ② fimeinsidesalesnac@fime.com
Asia Pacific ② fimeinsidesalesap@fime.com
China ② fimeinsidesaleschina@fime.com
EMEA ② fimeinsidesalesemea@fime.com
India ② fimeinsidesalesa@fime.com
Japan ② fimeinsidesalesjapan@fime.com
Korea ② fimeinsidesaleskorea@fime.com

COMPONENTS AND TEST SUITE

EMVeriCard comes with electrical and protocol libraries.



EMVeriCard environment

Electrical test library

Signal reception & transmission testing	<ul style="list-style-type: none"> Setting and measurement on all signals (VCC, RST, CLK, I/O)
Signal perturbation & current testing	<ul style="list-style-type: none"> Setting and measurement on all signals (VCC, RST, CLK, I/O)

Protocol test library

Card session	<ul style="list-style-type: none"> Card activation and reset response delay
ATR and intercharacter timing	<ul style="list-style-type: none"> Character to character interval timing Total transmission timing I/O transmission bits timing I/O reception bits timing
T=0 protocol	<ul style="list-style-type: none"> Character timing Minimum guardtime Transmission of procedure bytes Parity error management – single and multiple repetitions Work Waiting Time Extension Extended guardtime respected
T=1 protocol	<ul style="list-style-type: none"> Character timing Minimum guardtime Block guardtime respected Node address and I-block sequence number Block error management – single and multiple repetitions S (WTX) request ICC and terminal chaining management

Technical specifications

ICC settings

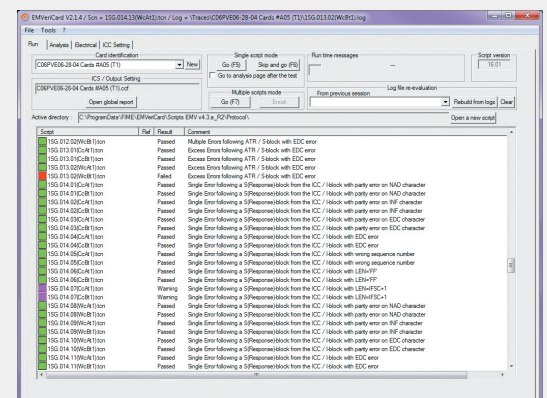
- Store all ICC data related to the Implementation Conformance Statement (ICS).
- Perform post-control of data by string comparison between ICS and execution data.
- Select scripts for automatic test session.

Test session

- Multiple script execution management.
- Report generation.

Analysis

- T=0 or T=1 protocol exchanges.
- Calculation and graphic presentation of timings.
- Warning and error display.
- Magnetic cursors management.



EMVeriCard tool's user interface

What's in the box?

The test suite comes with all necessary hardware and accessories to run the tests

- A CD-ROM for installation software.
- MP300TC3 emulator.
- A USB token for product license.