FIME Test Cards

NIV & TIP tools

Validate your terminal integration with real test cards!

Are you looking for an effective way to integrate your EMV terminal in your banking network? FIME has created a range of FIME Test Cards for testing the terminal payment application in an acquirer's use-environment. This tool enables you to follow the Network Interface Validation (NIV) and the Terminal Integration Process (TIP) and obtain a letter of approval from MasterCard. All NIV and TIP Test Tools supplied by FIME are qualified by MasterCard as validation test tools.

Why FIME Test Cards?

Reliable

FIME has nearly 10 years proven experience working in the TIP & NIV process.

Qualified

All FIME Test Cards are qualified by MasterCard as 'validation test tools'.

Simple

FIME Test Cards are real test cards ready to use immediately just as you would in the field.

Portable

Easy to transport and use on the field in real life conditions. No need to worry about the constraints of extra material.

Multi purpose

FIME Test Cards can be used to approve any type of POS or ATM (either with FIME's Smartspy or directly with the cards).

Flexible

Share the set of cards with several team members without the need for complex software, licenses or dongles.

For more information contact us at www.fime.com/contactus/ or, depending on your region:
test_tools@fime.com (for Europe and the Middle East), test_toolsAP@fime.com (for Asia and the Pacific), test_toolsLAC@fime.com (for Latin America and the Caribbean), test_toolsNA@fime.com (for North America), test_toolsIN@fime.com (for the Indian Subcontinent)

About FIME

FIME is an independent global leader in consulting and market integration services for secure chip based applications, tokens and devices within the telecom, e-payment, transport, e-identity and logistic sectors. Its international team works with developers, issuers and acquirers within these markets throughout the research and development lifecycle to provide consulting expertise on sector requirements, functional and security features and industry regulation.

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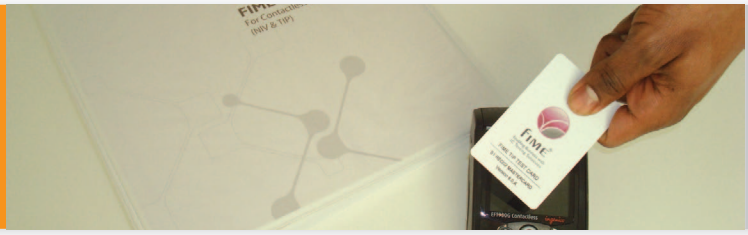

About FIME Test Cards

MasterCard has defined an approval process to support acquirer needs when testing the terminal payment application in the acquirer's environment of use.

The goal for the acquirer following the Network Interface Validation (NIV) and the Terminal Integration Process (TIP) is to obtain a letter of approval from MasterCard stating that the application can perform transactions according to EMV specifications and MasterCard specific brand requirements.

FIME Test Cards enable you to carry out the necessary tests to ensure you obtain MasterCard approval, whether you are an acquirer or a member service provider performing the acquiring.

To gain great time and money during your TIP and M-TIP sessions, FIME strongly suggests using FIME test cards in combination with the SAVVI tool. SAVVI provides guidance during the tests carried out with FIME test cards and also automatically analyses the logs within a few seconds.

FIME Test Cards

- Network Interface Validation (NIV)
- Terminal Integration Process (TIP)
- Field Interoperability Testing (TIP)
- Contactless Operations (NIV & TIP)

Components

NIV and TIP test cards are available in 4 sets (binders) which contain different Subsets (a kit of cards), each one dedicated to specific purposes. Additional individual NIV & TIP test cards can also be ordered as needed.

NIV Contact	• Subset 3 • Subset 5 • Subset 13 (for Sweden only)
TIP Contact	• Subset M-TIP • Subset 1 • Subset UK Domestic
TIP Contact Interop	• Subset Interop Functional • Subset Interop Confidence
NIV & TIP Contactless	• Subset 6 Credit • Subset 6 Debit • Subset 7M • Subset 8M

Functionalities

Contact Subsets are used to test the non regression of EMV functions within payments terminal applications, to validate the dual-message interface between the acquirer host and MasterCard network systems, and to ensure that your terminal meets the M/Chip MasterCard brand requirements.

Interop Subsets are used to test your terminal's capabilities in terms of interoperability, to reproduce specific issues that have occurred in the field. They detect issues at an early stage allowing the acquirer to ensure that the terminal will be able to handle acceptance correctly and avoid these issues in the field.

Contactless Subsets or PayPass Subsets are used to test the non regression of *PayPass* functions of the payment terminal application (*PayPass* - Magstripe or *PayPass* - M/Chip) to ensure that your terminal meets the MasterCard *PayPass* or Maestro *PayPass* Acquirer Implementation Requirements.

FIME®