

Card Simulator

Test the correct processing of payment transactions.



Contact and contactless card simulation tool.

Overview.

Card Simulator is a card simulation tool for acquirers, acquirer processors, merchants and terminal vendors looking to test the correct processing of payment transactions on payment devices.

Reduce time-to-market for POS/ATM.

Card Simulator generates detailed and clear reports of any testing, including logs and interpretations of all technical data in commands and responses. The tool works in conjunction with the industry-proven hardware **SmartConnect** (contact/contactless), **SmartLink Box** (contact) and **SmartWave Box** (contactless) and **SmartStripe** (magnetic stripe).

How it works.

Card Simulator simulates the real behavior of a contact or contactless EMV®* card without the need for any physical cards. It simplifies the terminal testing procedure mainly by eliminating the dependency on EMV issuers and schemes for physical test cards.

Key benefits

- No need for physical cards.
- Eliminate the risk of lost, blocked or damaged cards.
- Simulate contact, contactless and magstripe real-time cards.
- Gain insight into application logic with comprehensive reports, including logs and interpretations of technical data in commands and responses.
- Flexible and easy to use.

Key features

- State-of-the-art tool that simulate any and all functions of an actual smart card, both contact and contactless.
- Simulate card profiles for all major payment schemes.
- Simulate both functional and faulty cards, allowing you to monitor the terminal's behavior during a card transaction and observe whether it reacts correctly.

Fime can help you at any stage of your project lifecycle.



Libraries.

Card simulation includes:

American Express	Contact AEIPS and contactless Expresspay Card Images.
Diners Club	Card Images
Discover	Card Images
DNA	Card Images
Interac	Card Images
JCB (TCI)	Card Images
Mastercard	M-TIP Card Images for contact and contactless
	NIV Card Images for contact, contactless and magstripe
PULSE	Card Images
UnionPay	Card Images
Visa	L3 Card Images for contact and contactless, contact ADVT Card Images and contactless CDET
Others	Magnetic stripe images for brand testing

What's in the box?

Available hardware:

- Contact & Contactless testing: **SmartConnect.**
- Contact testing: **SmartLink Box.**
- Contactless testing: **SmartWave Box.**
- MagStripe testing: **SmartStripe.**

Testing journey.

- Delivered with a pre-defined set of card images, a great source of card images from all over the world for all major payment schemes.
- Add your own card images (e.g. card images that are specific to your country).
- Simulate all EMV functionalities and capabilities of physical EMV cards by using the supplied card images, including magnetic stripe card images.



*EMV® is a registered trademark in the U.S. and other countries and an unregistered trademark elsewhere. The EMV trademark is owned by EMVCo, LLC.

Contact

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F-T-CARDSIMULATOR-A
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