



**FIME**<sup>®</sup>

One Action. A billion transactions.



# Test and certify your product with a trusted implementation partner

## LAUNCH YOUR PRODUCT TO THE GLOBAL MARKET QUICKLY AND COST-EFFECTIVELY

Achieving global compliance across multiple payment authorities for a product can be complex and time consuming, with the possibility of issues occurring at many stages during the development and certification process. Partnering with an industry expert can help navigate a quick, smooth and cost-effective route to market.

## AN EXPERT PARTNER TO PROVIDE END-TO-END SUPPORT

Our strong pedigree with EMV<sup>®</sup> migration has equipped us with unrivalled knowledge and expertise at both global and regional levels.

FIME began developing test tools in 2003 for major international and domestic payment brands, and now possesses a wide range of qualified test solutions available for sale, and used by our laboratories.

The combination of our testing laboratories, consultancy services and test tools enable us to provide our customers with support from project initiation, right through to market launch. Working with an experienced trusted implementation partner provides customers with a smooth, one-stop service to achieve full product compliance quickly and efficiently.

### + KEY BENEFITS

- FIME is a market-leading laboratory, having worked with key authorities and vendors since 1995.
- Project management teams available in your regions.
- Wide range of services supporting the major schemes.
- Training and consultancy support from industry experts.
- Teams in multiple locations globally to provide unparalleled service and reduce project lead time.

### + TESTING SERVICES

- Electrical and protocol.
- Analog and digital.
- Functional and performance.
- Interoperability.
- Security.





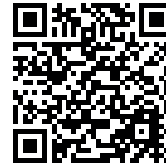
Lab SERVICES

TERMINAL AND MPOS TESTING



LEARN MORE

FIME CONTACTS



[www.fime.com/services/payment-terminal-11-12/payment-terminal.html](http://www.fime.com/services/payment-terminal-11-12/payment-terminal.html)

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## SERVICE PORTFOLIO

BRANDS	TERMINAL / KERNEL / MPOS
American Express	• Contactless Level 2
CEN TSI 6794	• Contactless Level 1
Discover	• Contactless Level 2
eftpos	• Contactless Level 2
elo	• Contactless Level 2
EMVCo	• Contact Level 1 & Level 2 • Contactless Level 1 & Level 2
Interac	• Contactless Level 2
JCB	• Contactless Level 2
Mastercard	• Contactless Level 2
NFC Forum	• Contactless Level 1
PURE	• Contactless Level 2
RuPay	• Contactless Level 2
Société de transport de Montréal	• Interoperability
Île-de-France Mobilités	• Contactless Level 1
Troy	• Contactless Level 2
UnionPay	• Contactless Level 2
Visa	• Contactless Level 2

### Development phase

- In-house testing
- Debug testing

### Final prototype

- Type approval

### Project launch

- LoA

Project development phases.

## Service types

### In-house testing

- Pre-testing performed at your premises by our experts.
- Troubleshooting analysis quickly identifies and resolves issues.

### Debug testing

- Pre-testing based on formal test requirements, and full debug reviews, simplifies the type approval process.
- Spy logs support troubleshooting analysis.

### Type Approval

- Formal testing stage providing the full results and reports required to acquire Letter of Approval (LoA).

## Complementary offer

### Security evaluation

- PCI PTS\*.
- Common criteria (ISO 15408).

### Testing tools

- EMVeriPOS - EMVCo contact Level 1 protocol testing.
- EVAL - Level 2 payment terminal compliance test tool.
- EVAL 4dev - Level 2 terminal kernel cloud-based testing.
- Observation test bench (side-channel analysis).
- Perturbation test bench (fault injection).

### Consulting

- Mastercard TQM preparation.
- Certification program management.
- Training workshops for specifications.
- PCI PTS training and support.
- Common Criteria training and support.
- Tailored services available.

### Engineering

- Antenna design and improvement.
- Level 1 and Level 2 kernel development and integration.

\* Through an established partnership with an accredited security lab.