

## Physical testing services

One-stop shop for physical tests of all form factors.

Ensure that your product construction and design comply with the necessary application requirements.

Our lab's unique expertise and capabilities enable you to test a wide variety of form factors (cards, ePassports, wearables, etc.) for conformity, durability and ageing in line with the key industry standards. Custom sets of tests may be developed for your specific form factors or products.

### How it works.

- Define the testing scope based on target standards or specific needs.
- Register your product (if necessary).
- Book a test session.
- Provide test samples with required physical features.
- Perform testing with possible implementations.
- Deliver the test report.

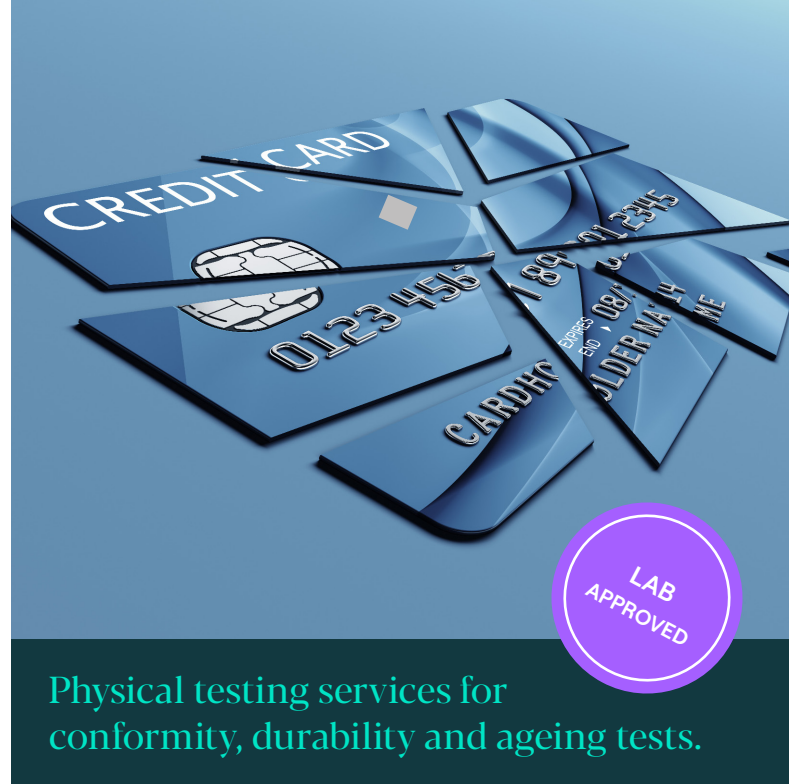
Fime can help you at any stage of your project lifecycle.

Define

Design

Deliver

Test



### Key benefits

- Certify new products for ISO conformity & durability.
- Deliver compliance evidence for a governmental RFP and banking schemes.
- Ensure product quality follow-up.
- Validate requirements on reference products.

### Key features

- Extensive physical testing capabilities.
- Conformity tests for cards.
- Durability tests, including mechanical durability, electronic durability and hostile environment.
- Ageing tests.
- Various form factors supported, including ID1 format cards, innovative cards, transport ticketing, health cards, ePassports and wearables.
- Development of specific test processes for new form factors.



## Standards.

- **Requirements:** ISO 7810, ISO 7811, ISO 7816, ISO 14443.
- **Test methods:** ISO 10373-1, ISO 10373-2, ISO 10373-6, ISO 18745-1 (ICAO), ISO 18745-2, ANSI 322.
- **Ageing:** ISO 24789-1 & 2.
- **Schemes:** American Express, MC CQM, UnionPay, Visa.

## What we offer.

- **Onboarding support.**  
Explain the certification process and its prerequisites.  
Validate the testing scope taking into account applicable limitations or deviations.
- **Test strategy definition.**  
Tailor Fime test plan by selecting relevant test cases to meet your business needs.
- **Certification testing.**  
Ensure the quality of your solutions. Our production testing verifies all relevant features in a live environment provided by dedicated physical testing machines. Results are recorded in an official report.
- **Quality Assurance & regression testing.**  
Assure continuous quality of your solution with Fime staging and production testing services after launch.



## Why Fime?

- **Trusted testing partner.**  
Our global ISO / IEC 17025 accredited laboratories have offered leading payment testing services for 20+ years.
- **Engaged in standardization.**  
Our experts participate in, and contribute to, major standardization initiatives.

Making innovation possible.

Making the world work.

Consulting | Test Platforms | Testing Services

## Contact

To learn more about how Fime can help your business:

[fime.com](https://fime.com)

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F-S-PHYTEST-AB  
Physical testing services.

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