

About FIME and eldentity

FIME is a worldwide supplier of test solutions in the domain of smartcards, RFID and NFC. Providing an overall and integrated service consisting of tests, tools distribution, consulting and outsourced R&D, FIME holds a strong position as a real business accelerator.

Based on our strong experience in security evaluations and testing of contactless and contact technologies applied to the banking, transportation and identity markets, FIME provides a global qualification scheme for eldentity devices.

The eldentity market is currently growing with the need for more and more eldentity documents worldwide. FIME, as a leading test solutions provider, creates efficient test strategies and a customized qualification scheme for a full technical solution adapted to your eldentity devices.

FIME's eldentity Offer

A global solution



The growing number of travellers these days, as well as the need for reinforced security for citizens of all countries, has seen the rapid and widespread development of electronic identity documents throughout the world. Some examples are ePassports, national identity cards, electronic visas, digital tachographs, health cards, driving licences, etc.

A further factor that encourages the migration to eldentity documents is the need to improve the security and interoperability of national ID systems. eldentity technology helps minimize the risks of identification fraud by using enhanced cryptography and enabling the monitoring of biometric data.

The amount of eldentity products is increasing, and they are required to effectively protect the data they contain, as well as being robust and durable. This means that each set of these products needs to be tested efficiently and impartially, respecting national or international rules and standards.

FIME offers you the possibility to carry out these tests in our independent ISO 17025 laboratory and certify that your products meet all necessary standards.

For more information, please contact FIME:

sales@fime.com
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FIME is your one-stop shop for eID: we provide consulting, tools, security evaluations and comprehensive testing to accelerate your time to market!



"I'm working on our country's ePassport project and need professional advice to ensure that our suppliers provide a high quality product."

FIME promotes an industrial approach to ePassport systems quality assurance. We consider both MRTDs and readers. We focus on the quality of all aspects of ePassport devices, such as the functional, protocol, RF and physical conformity, interoperability and security.

We will give you access to a state-of-the-art ePassport testing environment with the utmost confidentiality. This will help your company gain a competitive edge on both technical and pre-sales levels!

In terms of benchmarking suppliers, our expert knowledge of the market enables us to fully support you in the selection process of your suppliers, keeping your needs in mind.



"I want to enter the European Digital Tachograph market. I'm looking for a laboratory that can help me with product development and testing for this niche market."

FIME has developed a Digital Tachograph test service based on the latest reference documents of the European Commission n° 1360/2002 annex 1B, and on the test procedures of the ISO/IEC 10373-6: 2001 (specifications and amendments 2 and 4), ISO/IEC 7816-3 and specific tests plan.

This test session fully respects these standards in regards to the following: visual inspection, physical, electrical and protocol testing, structure and functional testing, and environmental tests.

You benefit from our expertise in the Digital Tachograph domain to help develop a product ready for launch, whilst reducing your time to market.

FIME CONSULTING

FIME's consulting services present clients with an overall view of the technical aspects of eldentity technologies.

The consulting services cover:

- Design specifications
- Design review during product development
- Diagnostic studies to identify improvements
- Guidance to choose the appropriate technology
- Project management and coordination
- Security audit
- Training

FIME INNOVATION

FIME's R&D team provides strong support in R&D development on a project basis. The purpose of these services is to deliver a customized solution in order to improve the time to market during the development cycle of your project.

The outsourced R&D services cover:

- Development of applets or midlets
- Hardware optimization
- Technical expertise
- Test tool development
- Test scheme definition (specification and test plan writing, device selection process...)

FIME LAB

Each layer of an eldentity device must be qualified to determine the quality of its analog, protocol, functional and physical characteristics. Above and beyond these basic yet essential characteristics, the Identity Document must rely on a proven high security system. FIME uses its extensive experience gained in the eldentity market, the banking sector (EMV based standards) and the transportation markets, to carry out dedicated and effective testing.

The eldentity testing services cover:

- ISO/IEC 14443
- ICAO Layer 1 to 7 (BAC + EAC)
- ICAO Layer A
- Artificial ageing
- ePassport reader
- Interoperability
- Wide range of physical tests

FIME TEST TOOLS

We participate in several working groups and develop our tools to meet our laboratory's needs, so you can be sure of the highest quality products.

FIME's complete offer provides a range of eldentity tools including:

- ePassport test benches
- ISO readers test benches
- Spy tools to record and analyse communications between cards and readers