



About FIME

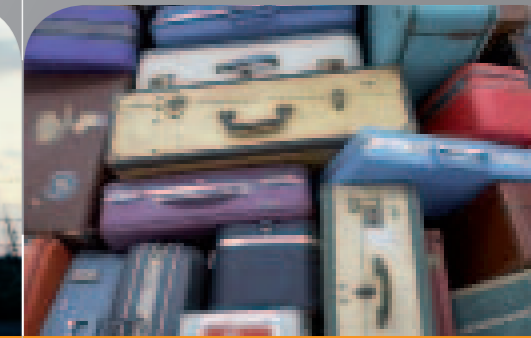
FIME is an independent global leader in consulting and integration testing services for smart devices and secure chip-based applications within the telecom, e-payment, transport, e-identity and logistic sectors. Its international team works with manufacturers, banks and authorities within these markets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

Since 1995, FIME has established global ISO 17025 accredited laboratories which provide official testing and certification services to validate a solution's compliance and security before launch. FIME's technical ability ensures a customer's solution is secure, interoperable and achieves the highest level of industry standardisation.

With over 200 employees and operating across America, Europe, the Middle East, Africa, India and Asia, FIME has worked with leading international schemes such as American Express, First Data, JCB, MasterCard and Visa to bring pioneering and convenient chip-based services to end users.

FIME's RFID Offer

A global solution

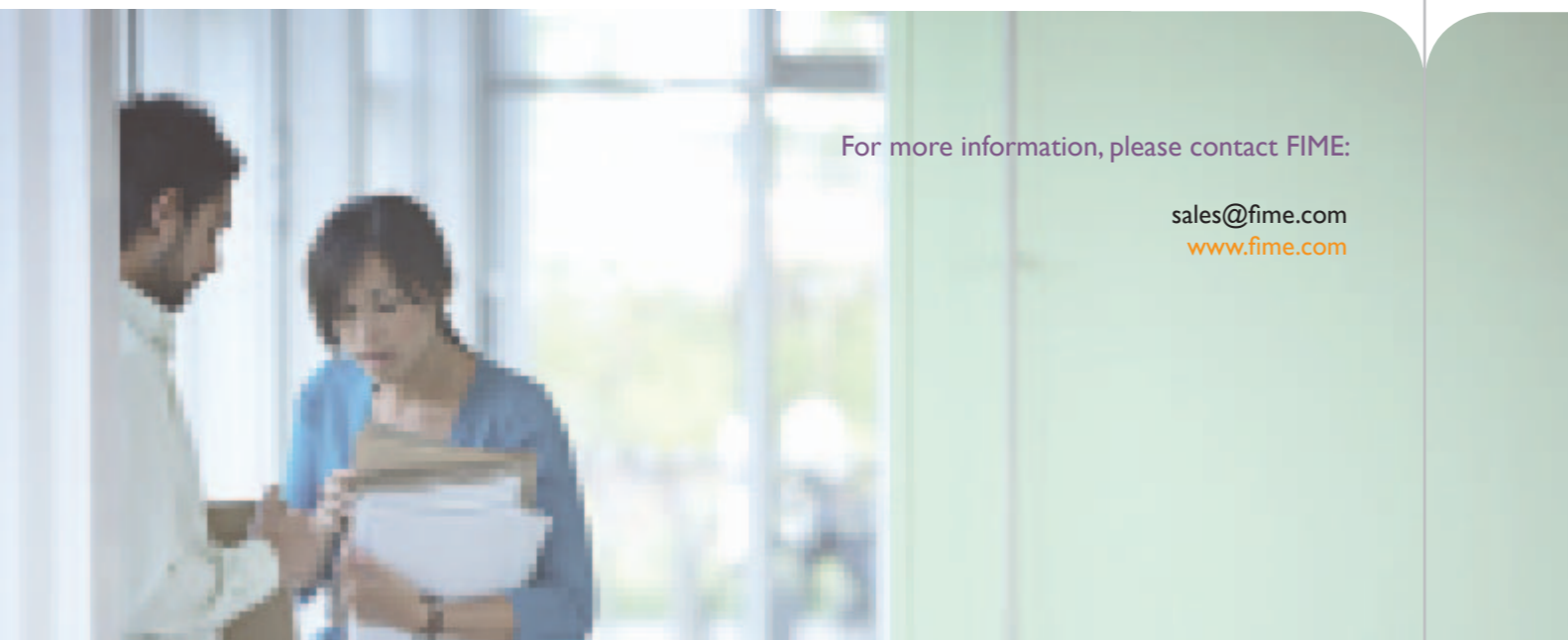


For more information, please contact FIME:

sales@fime.com
www.fime.com

The growing volume of automated logistics these days, as well as the need for reinforced security to track packages and spare parts, has seen the rapid and widespread development of Radio Frequency Identification (RFID) throughout the world. The ongoing market evolution from closed systems, towards more open generic systems means that interoperability must be ensured when launching an RFID solution. Tags, chip and antenna need to be designed and tested efficiently and under controlled conditions, to respect international standards and guarantee reliable operation.

FIME has been a pioneer for a decade in the support of service providers and vendors that are launching solutions to meet the RFID needs. FIME has supported several RFID projects at major blue chip companies in diverse sectors including logistics, transport and aeronautics.





FIME is your one-stop shop for RFID: we provide consulting, outsourced development and comprehensive testing to accelerate your time to market!

FIME offers expert assistance either through its engineering services and consultancy or alternatively by testing the solutions in the FIME laboratory.

ENGINEERING SERVICES

FIME's engineering services team provides strong support to your RFID projects using FIME's own internal expertise. Engineering services extend from detailed design and development assistance, through optimization of components such as antenna to benchmarking, to ensure a competitive solution. This improves development time and adds value to your own R&D activity. The services can be provided remotely or on-site.

Engineering services include:

- Support to development of RF tags
- Antenna optimization
- Technical design expertise
- Reader and tag benchmarking
- Test tool development for RF environment

EXPERT CONSULTANCY

FIME's consulting services present you with dedicated expertise on the technical aspects of RFID technology. The expert consultancy includes help with project management, security and design.

The expert consultancy services cover:

- Creating specifications and design review during product development
- Benchmark studies to identify improvements
- Technology selection guidance
- Project management and coordination
- Security audit
- Training on RFID technology
- Test scheme definition (specification and test plan creation, device selection)

TESTING SERVICES

Each component of an RFID tag must be qualified to determine the quality of its RF, functional and physical characteristics. Above and beyond these basic yet essential characteristics, the RFID solution must rely on a proven high security system. FIME uses its extensive experience gained in the banking, identity, and the transportation markets, to carry out dedicated and effective testing according to the latest RFID standards. The ISO 17025 accredited FIME laboratory will provide state of the art tests to ensure products meet reliability as well as performance tests according to national or international standards.

The RFID testing services cover:

- UHF tests ISO/IEC 18000.
- Artificial ageing and durability
- Interoperability
- Wide range of physical tests (bending, stress) according to EPC standards



"I'm working on my company's RFID project and need professional advice to ensure that our suppliers provide reliable products to achieve maximum system performance."

FIME promotes an industrial approach to RFID performance checks. We consider both tags and RFID readers. We focus on all aspects of RFID, such as environmental and physical conformity, interoperability and security. FIME has developed an RFID test service based on the latest reference documents of the French national RFID center (CNR RFID), and on the test procedures of ISO 18000-6.

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.

We will give you access to a state-of-the-art RFID testing environment including an anechoic chamber with the utmost confidentiality. This will help your company gain a competitive edge through good product selection.



"I want to enter the European market for tags used in aircraft freight logistics. I'm looking for an engineering services facility that can help me with product development and consulting for this niche market."

You will benefit from our expertise in RFID to help develop a tag ready for launch, whilst reducing cost and time to market.

FIME helps developed the specifications with you to ensure clear understanding of the requirements in the complex area of RFID. Standards and norms vary from market to market, so it is essential to get a deep knowledge of the criteria that can impact performance so that a true cost-benefit analysis can be made.

FIME can conduct studies on-site to check the performance required in the real conditions of use. FIME has an international capability enabling it to run projects across several continents. RFID has its own anechoic chamber which enables different design criteria to be tested during the development phase.