



NFC RF test bench conformance solutions.

Pre-validate your NFC products to go to market faster.

Get your contactless solution approved by the latest specifications.

Fime offers a portfolio of contactless analog and digital test bench solutions to enable the development of your innovative payment and smart mobility products in line with current industry requirements.

These solutions birth from a long-term partnership between the leading electronic manufacturer NI and Fime as a software and test suites developer, also leading integrator of accredited testing tools.

Used everyday in accredited Fime labs to perform formal type approval testing, our experts work with you to accelerate your product design with confidence through these test bench solutions.

How it works.

Analog and digital test benches comprise NI's hardware to generate and record signals and Fime's software to analyze and provide verdicts. If required, a positioning robot can also be supplied.

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



NFC conformance testing.

Key benefits

- Prepare your innovative product using the most technologically advanced qualified tools developed by the two market leaders in contactless testing.
- Accelerate the preparation of your product's certification by using the same tool used by the vast majority of NFC Forum and EMVCo accredited laboratories.
- Save +80% of testing time in analog thanks to the NI's new CTS III emulator.

Key features

- EMVCo and NFC Forum test benches are qualified tools.
- Easy, convenient and single platform to access all functionalities of the full test bench series.
- Fime offers assistance with the installation and use of the tools to get results faster.



Libraries

Domain	Qualified test suites	CTS III
Payment	EMV PICC Analog v3.2b	✓
	EMV PICC Digital v3.2b	✓
	EMV PCD Analog v3.2a (including Reduce Range)	✓
	EMV PCD Digital v3.2a	✓
Data exchange	NFC Forum Analog CR13	✓
	NFC Forum Digital CR13	✓
	NFC Forum Tag Performance CR13	✓
	NFC Forum Tag Application CR13	✓
	NFC Forum LLCP/SNEP CR13	✓
Power supply	NFC Forum Digital CR14	✓
Automotive	NFC Forum Analog CR13 with Digital Car Key	✓
	NFC Forum Digital CR13 with Digital Car Key	✓

Roadmap

We are dedicated to keeping our existing solutions up to date while continuously expanding our conformance testing scope. Over the next two years, we aim to enhance our offering by integrating additional standards, including ISO, CEN, ICAO and NFC Forum WLC. This roadmap reflects our commitment to delivering comprehensive and evolving solutions that address the industry’s growing demands.



Making innovation possible.
Making the world work.

Consulting | Test Platforms | Testing Services