

# Contactless Test Station III

## Accelerate your journey to success with CTS III.

### Overview.

The mass deployment of near field communication (NFC) technology presents engineers with new and challenging use cases. These include mobile payments, ticketless transportation, keyless automotive entry and more. Engineers must rigorously validate the conformance of their prototypes and ensure they meet the interoperability requirements of the market.

### Powerful hardware components.

The CTS III is a combination of hardware resources never used before in NFC testing. As the most powerful field-programmable gate array (FPGA) and best in class converters, it boosts productivity.

### Make your conformance faster.

The tool increases the productivity of users compared to previous generations of NFC test platforms. Benchmarks show an improvement of testing time up to 80% for an EMVCo Level 1 PCD analog test campaign.

### Step-up your validation.

The new NFC signal generation capabilities push the limits of your design's comprehension. Simulation of noise, crosstalk, overshoots and all other parameters are available on demand.

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

Define

Design

Deliver

Test



NFC validation and  
conformance tester.

Used by  
Fime Labs

### Key benefits

- Accelerate your efficiency and productivity.
- Push the limits of NFC test innovation during validation.
- Test comfortably with a small and light tool.
- Meet major standards, including those of EMVCo and NFC Forum.

### Key features

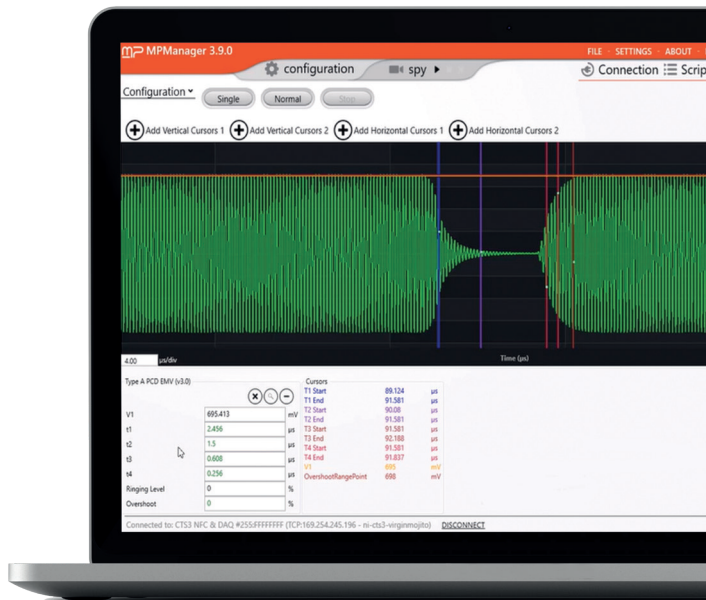
- High performance NFC smartcard and reader simulator.
- Support for the ISO 14443 A/B, ISO 15693, Mifare™ and FeliCa™ protocols.
- Automated test libraries for EMVCo L1 and NFC Forum.
- Integrated protocol analyzer feature.
- High performance DAQ board.
- Resonance frequency, Q factor, S11 parameter measurement.
- Supplied with the MP Manager user interface.
- Can be integrated in any customer specific test sequencer thanks to its extensive API.
- Compact form factor.
- Quick execution of normative test cases. Runs a complete EMVCo PCD Analog debug campaign in less than 50 minutes.

CTS3. NFC validation and conformance tester.



The CTS III is the ideal tool to accelerate your developments and NFC conformance testing.

Louis Nové  
Product Manager

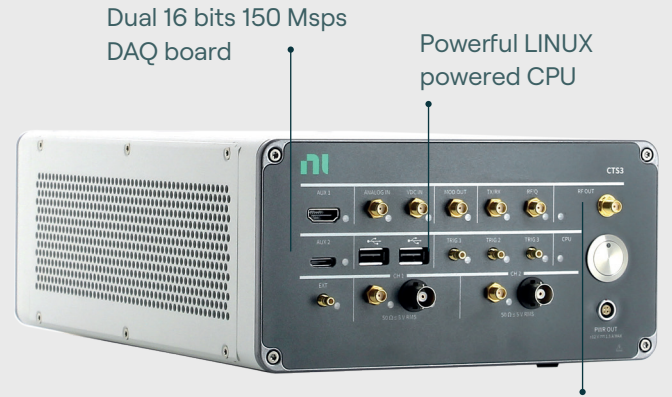


The CTS III comes with the MPMManager user interface, giving access to all the functionalities of the simulator.

## Small is powerful.

5 times lighter and 7 times smaller than the previous generation.

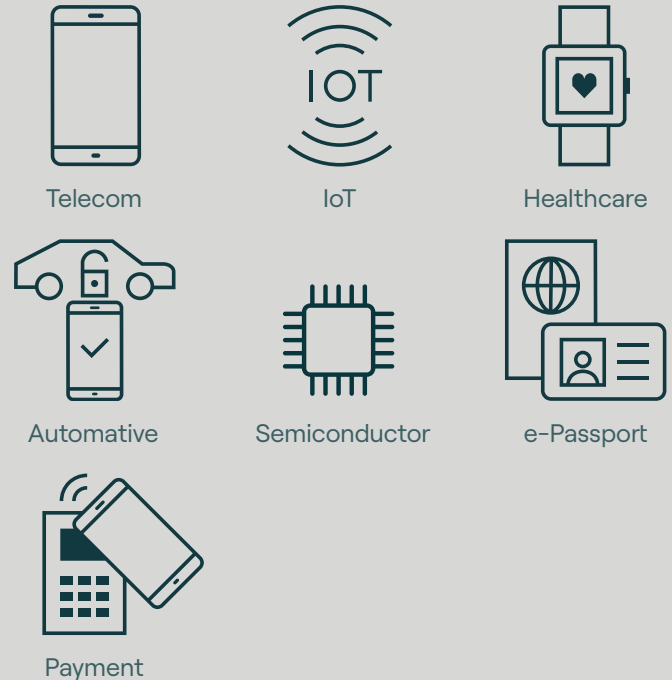
102 mm	204 mm	306 mm	3,8 kg
HEIGHT	WIDTH	LENGTH	WEIGHT



Full featured NFC tester with power amplifier reader / card emulation test / measurements conformance testing.

## Business areas.

Explore our services.



## Contact

To learn more about how Fime can help your business:  
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[sales@fime.com](mailto:sales@fime.com)

F-T-CTS3-AB  
NFC validation and conformance tester.

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