fime

MIFARE4Mobile®
Test Suites

A unique solution to perform pre-certification testing.

MIFARE4Mobile
pre-certification test tool.

Used by
Fime Labs

Overview.

M4M Test Suites (MIFARE4Mobile® Test Suites) are essential for anyone developing embedded secure elements and SIM cards of mobile NFC devices based on M4M version 2 technology, such as mobile device manufacturers, mobile app developers and UICC developers looking to check their MIFARE4Mobile implementation.

Check your M4M implementations before formal certification.

Every product based on the specifications developed by the M4M industry group is mandated to successfully pass certification. **M4M Test Suites** offer a unique solution to perform pre-certification testing.

How it works.

By using the test suites to check your implementation, you will be able to perform pre-certification tests. This minimizes the chance of repetitive formal test runs with a M4M Test Center, effectively shortening your time-to-market.

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

(Define) (Design) (**Deliver**) (Test)

Key benefits

· Test according the MIFARE4Mobile specifications.
· Prepare yourself for formal certification.
· Ensure high level of interoperability.
· Save time through fast analysis.
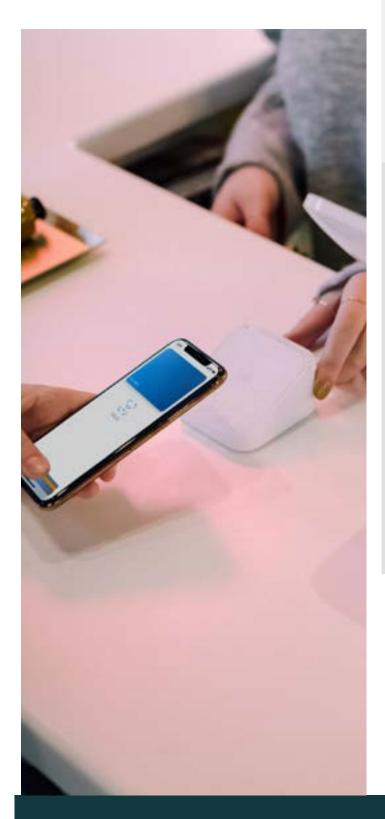· Execute easy-to-use test suites.

Key features

· Assists in fault cause analysis of interoperability problems.
· Comprehensive reports including insight to application logic.
· Execute test cases from the M4M test specifications for M4M Platforms as well as M4M Secure Elements.

MIFARE

Specifications.

- MIFARE4Mobile v2.1.1 Host Interface API specifications.
- MIFARE4Mobile v2.1.1 specifications.

What's in the box?

MIFARE4Mobile Test Suites comprise:

- Test Suite for MIFARE4Mobile Platform.
- Test Suite for MIFARE4Mobile Secure Element.

Conclusion Test Manager

MIFARE4Mobile Test Suites run on Conclusion Test Manager (CTM). CTM is a Test Management Application consisting of a test engine with the ability to create and send messages in many variations via (several) interfaces to the system under test.

Technical specification.

Test Suite for MIFARE4Mobile Platform

- Host Interface API for MIFARE Classic® and MIFARE® DESFire®,
- Host Interface API for Virtual Card Creation and Management.
- Contactless Interface functionality (SWP).
- Integration of contact and contactless functionality.

Test Suite for MIFARE4Mobile Secure Element

- Remote Management API functionality.
- Wallet API interface– Wallet JavaCard, Parser and UserVerifier API interface.
- Contactless Interface functionality (SWP).
- Integration of contact and contactless functionality.

Contact

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