



UL MIFARE4MOBILE® TEST SUITES

Who is it for?

The UL MIFARE4Mobile Test Suites are essential for anyone developing embedded secure elements and SIM cards of mobile NFC devices based on MIFARE4Mobile version 2 technology, such as mobile device manufacturers, mobile app developers and UICC developers looking for checking their MIFARE4Mobile implementation.

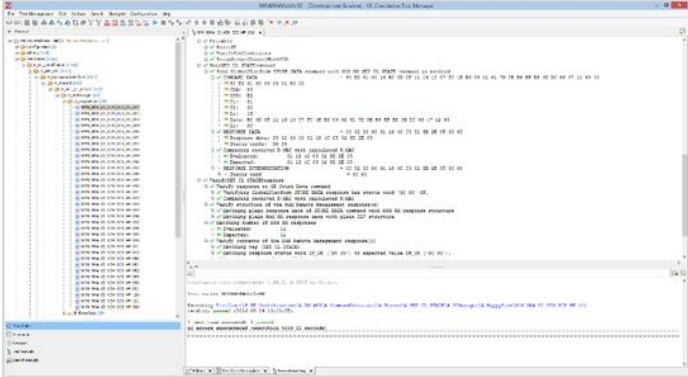
Why do you need it?

UL MIFARE4Mobile Test Suites offer a unique solution to perform pre-certification testing. Every product based on the specifications developed by the MIFARE4Mobile industry group is mandated to successfully pass certification. By using the test suites to check your implementation during the development phase, you will be able to perform pre-certification tests. This minimizes the chance of repetitive formal test runs with UL's MIFARE4Mobile Test Center, effectively shortening your time-to-market.

What is inside?

- UL MIFARE4Mobile Test Suites comprise:
- UL Test Suite for MIFARE4Mobile Platform
 - UL Test Suite for MIFARE4Mobile Secure Element

The UL MIFARE4Mobile (M4M) Test Suites implement test cases from the M4M test specifications for M4M Platforms as well as M4M Secure Elements.



Key benefits

- Test according the MIFARE4Mobile specifications
- Prepare yourself for formal certification
- Ensure high level of interoperability
- Assists in fault cause analysis of interoperability problems
- Comprehensive reports including insight to application logic
- Save time through fast analysis
- Easy-to-use

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Specifications

UL Test Suite for MIFARE4Mobile Platform

Based on MIFARE4Mobile v2.1.1 Host Interface API specifications, this test suite covers:

- 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

UL Test Suite for MIFARE4Mobile Secure Element

Based on MIFARE4Mobile v2.1.1 specifications, this test suite covers:

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

UL Conclusion Test Manager

The UL MIFARE4Mobile Test Suites run on UL Conclusion Test Manager (CTM). CTM is a user-friendly Test Management Application. CTM consists of a test engine that has the ability to create and send messages in many variations via (several) interfaces to the system under test, and a cutting-edge test management system to manage the entire test process. It provides flexible ways in configuring the test execution and reporting results.



MIFARE, MIFARE Classic and MIFARE DESFire are registered Trademarks of NXP B.V.



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