



Mobile Handset Test Platform

A programmable SIM / UICC simulator for handset testing.

Overview.

Mobile Handset Test Platform is an essential test tool for any mobile handset manufacturer, developer or tester that needs a stable environment for handset testing over the SIM card interface in which repeatable tests can be performed.

Build test scripts to detect interoperability issues at an early stage.

With **Mobile Handset Testing Platform**, you can test your handset over the SIM card interface by simulating a SIM/ RUIIM card or multi-application UICC. The simulation's behavior can be controlled and predicted. Both nominal and erroneous behavior of SIMs and UICCs can be simulated.

How it works.

- Combine a fully functional UICC or SIM simulator with a rapid Java™ development environment.
- Build test scripts (card profile, Toolkit, ISO 7816-2, 3 and 4).
- Simulate a SIM / UICC and run individual tests or test suites of to verify handset behavior.

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



Fully functional SIM / UICC simulator.

Key benefits

- Simulate both nominal and erroneous SIMs or UICCs to test a handset's behavior.
- Detect interoperability issues at an early stage.
- Build your own test scripts in just a few minutes.
- Immediate visual feedback on tests.
- Reduce time to market and save costs.

Key features

- Build your own test scripts for any file system, SIM-Toolkit, ISO 7816-3 and 4 functionality, including BIP for M2M eSIM devices using powerful and flexible JAVA APIs.
- Share exported test results with other interested parties using complimentary Mobile Log Viewer.
- Generate detailed test results and reports.
- Perform testing offline or online using a network simulator or on a real operator network.

Libraries.

GSM (SIM) module	3GPP TS 51.011
	TS 51.014
3G (USIM) module	3GPP TS 31.102
	3GPP TS 31.111
	ETSI TS 102.221
3G (CSIM) module	3GPP2 C.S0065-B
	3GPP2 C.S0035-A
	ETSI TS 102.221
3G CDMA2000 (RUIM) module	3GPP2 C.S0065-B
	3GPP2 C.S0035



What's in the box?

Remote option

- Programmable SIM / UICC Simulator with powerful Java API.
- SmartConnect and probes to connect to the handset CAD.
- Option to use the card simulation without the user interface and integrate it into an automated test environment using a Java API.
- Remote API includes remote loading of configuration and test scripts, starting and stopping test scripts, interacting with the running test script and retrieving test results.

Technical specifications.

Technical features

- Full support for SIM toolkit and Card Application Toolkit.
- Full support for RFM or RAM testing.
- Low-level testing.
- Answer to reset.
- T=0 protocol support.
- Full support for PPS.
- 2G-5G file system and command support.

Hardware

- **SmartConnect** interfaces with the device under test.
- Use any Contact PC/SC Card Reader to perform testing using a real cellular network with your own SIM card while your test file system is used to perform the actual testing or scan SIM cards to efficiently create your own test file systems.

Mobile Log Viewer

- View exported test certificates. People who do not have **Mobile Card Test Platform** can still review test results by using Mobile Log Viewer.

Contact

To learn more about how Fime can help your business:

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F-T-MOBILEHANDSET-A
Fully functional UICC / SIM simulator.

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