fime

Digital Identity Application Test Suite

Test the functionality of any ISO 18013-5 & ISO 18013-7 compliant mdoc application.

Overview.

With **Digital Identity Application Test Suite**, you can test an ISO 18013-5 and ISO 18013-7 compliant holder application by simulating a reader for compliance testing using the relevant specification.

Validate holder applications against ISO 18013-5 & -7 for mDL, eHealth, Photo ID, PID & mVRC mdocs.

The **Digital Identity Application Test Suite** allows you to select your specific ISO 18013-5 and ISO 18013-7 compliant mdoc to be tested against the latest version of ISO/IEC 18013-6 and Fime's proprietary 18013-7 test specification.

How it works.

Digital Identity Application Test Suite uses the transport layer capabilities of any Android 11 or later handset to engage with and test the transfer of ISO 18013-5 and ISO 18013-7 mdoc credentials.

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

Define · Design · Deliver · Test

Key benefits

- Support for European Digital Identity (EUDI) Wallet testing.
- Easy-to-use and intuitive user interface.
- Ability to share test results with other interested parties.
- Test environment supports any Android 11 or later handset.

Key features

- Support for a range of ISO 18013-5 and ISO 18013-7 compliant mdocs; mDL, eHealth, Photo ID, PID & mVRC (with more to be added).
- Connects to Android application on the handset via Android Debug Bridge (ADB) to send and receive the test data to and from the device.
- Supports full ISO 18013-5 device engagement testing via NFC or QR code and URI for ISO 18013-7.
- Supports ISO 18013-5 digital identity credential transfer testing via NFC, BLE and Wi-Fi Aware and TCP/IP for ISO 18013-7.
- ISO 18013-5 Interface 2 and 3 and ISO 18013-7 Annex A (REST API) and Annex B (OpenID4VP) testing.

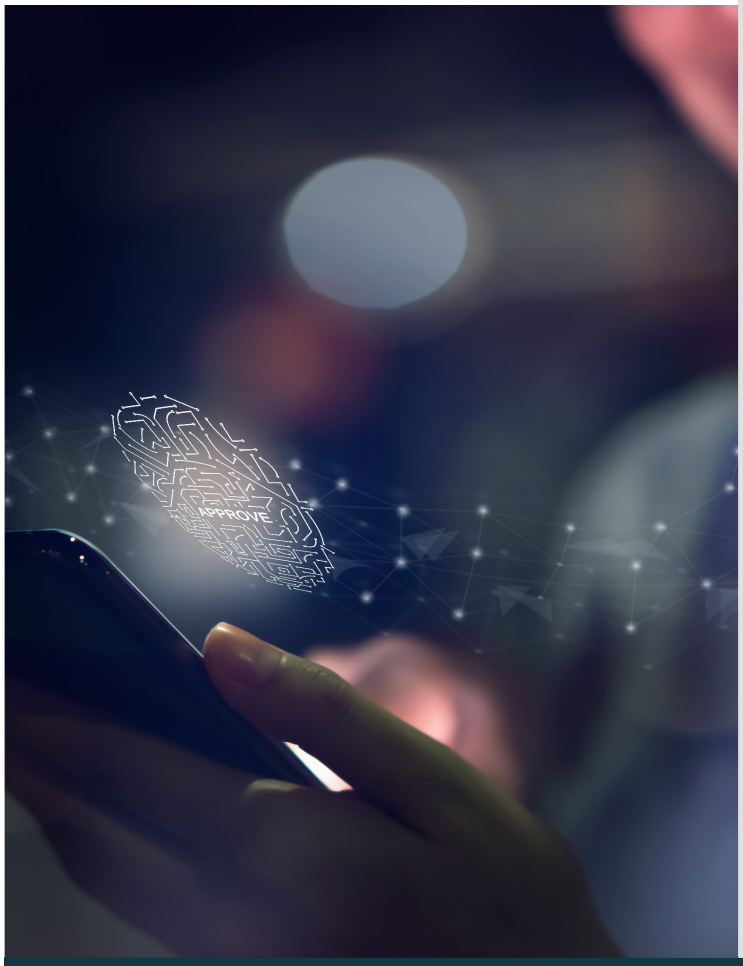
ISO · NFC FORUM

Test Suites

All mdocs are tested using the latest version of ISO/IEC 18013-6 and Fime's proprietary 18013-7 test specification.

- mDL Document Type 'org.iso.18013.5.1.mDL' from ISO-IEC 18013-5.
- eHealth Document Type 'org.micov.1' from ISO-IEC JTC 1-SC 17-WG 10_N2478 (draft).
- Photo ID Document Type 'org.iso.23220.photoid.1' from ISO-IEC TS CD 23220-4 (draft).
- Person Identification Data (PID) Type 'eu.europa.ec.eudi.pid.1' from EUDI Wallet v1.4.0 ANNEX 3.1 - PID Rulebook.
- Netherlands RDW mVRC (Mobile Vehicle Registration Certificate) Document Type 'org.iso.7367.1.mvrc' from ISO-IEC 7367 (draft).

NOTE: More ISO 18013-5 and ISO 18013-7 compliant mdocs to be added for a range of worldwide Digital Identity initiatives and wallets.



What's in the box?

- Full coverage for a range of digital identity mdocs against ISO or Fime proprietary test specifications.
- Device engagement testing via NFC, QR code or URI.
- mDL device retrieval (offline) testing via NFC, BLE and Wi-Fi Aware.
- Connectivity for testing provided by Fime's Android proxy application using ADB.
- Easy-to-read and configurable test results that can be saved and shared mDL Interfaces.
- Support for 18013-5 Interface 2 and 3 and ISO 18013-7 Annex A (REST API) and Annex B (OpenID4VP) testing.

Technical specifications.

Hardware.

Any Android 11 or later handset is required to be provided by the customer. No additional Fime test hardware is needed.

Conclusion Test Manager.

Digital Identity Application Test Suite runs on Conclusion Test Manager.

- Conclusion Test Manager is a user-friendly test management application.
- Conclusion Test Manager consists of a test engine that can create and send messages in many variations via several interfaces to the system under test. It also includes a cutting-edge test management system to manage the entire test process and provides configurable test execution and test results.

Making innovation possible.

Making the world work.

Consulting | Test Platforms | Testing Services

Contact

To learn more about how Fime can help your business:
fime.com
sales@fime.com

F-T-MDLAPP-D
Mobile driver's license application test suite.