

Digital Identity Reader Test Suite

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

Overview.

With **Digital Identity Reader Test Suite**, you can test an ISO 18013-5 and ISO 18013-7 compliant reader application implementation by simulating an ISO 18013-5 and ISO 18013-7 compliant application to test compliance to ISO 18013-5 and ISO 18013-7, using the appropriate test specification.

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

The **Digital Identity Reader 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 Reader 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 mDL and mDoc testing globally.
- Support for European Digital Identity (EUDI) Wallet testing.
- Easy-to-use and intuitive user interface.
- Easy-to-read and configurable test results that can be saved and shared.
- 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.
- ISO 18013-5 Interface 2 and 3 and ISO 18013-7 Annex A (REST API) and Annex B (OpenID4VP) testing.
- 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 transfer testing via NFC, BLE, Wi-Fi Aware (offline) and WebAPI over HTTPS v1.2 and 1.3 (online) and TCP/IP for ISO 18013-7.

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 will 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.
- ISO 18013-5 device retrieval testing via NFC, BLE, Wi-Fi Aware (offline) and server retrieval via WebAPI over HTTPS v1.2 and 1.3 (online) and TCP/IP for ISO 18013-7.
- Connectivity for testing provided by our Android proxy application using ADB.
- Support for 18013-5 Interface 2 and 3 and ISO 18013-7 Annex A (REST API) and Annex B (OpenID4VP) testing.
- Easy-to-read and configurable test results that can be saved and shared mDL Interfaces.

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 Reader 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.

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Contact

To learn more about how Fime can help your business:

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