

# 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



Digital Identity Application Test Suite.

Used by Fime Labs

## 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 ISO18013-7.
- 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 ISO 18013-7 Annex A testing.

## 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.



## Contact

To learn more about how Fime can help your business:

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## 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 ISO 18013-5 Interface 2 and ISO 18013-7 Annex A 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.