



Digital Identity Reader Test Suite

Build faster, test smarter, and achieve conformance.

Overview.

Fime's **Digital Identity Reader Test Suite** helps developers and solution providers build, test, and validate reader applications against ISO/IEC 18013-5 and 18013-7. By simulating wallet application behavior and running predefined tests, it ensures interoperability, reduces integration risks, and supports certification readiness.

This test tool generates reports showing passed, failed, inconclusive, and non-applicable test cases. Communication and transaction logs pinpoint requirement failures, providing actionable feedback to accelerate development.

Support multiple digital identity use cases with flexible mdoc testing.

The **Digital Identity Reader Test Suite** enables reader applications to be tested against various mdoc types, including mDL, eHealth, Photo ID, PID, and mVRC. Users can select specific mdoc profiles and test against the latest ISO/IEC 18013-6 test methods, along with Fime's proprietary ISO/IEC 18013-7 test specifications.

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



Build, test, and validate DI reader applications.

Key benefits

- Build, test, and validate mDL and mdoc reader implementations for global digital identity deployments.
- Support reader applications running on Android, iOS and other platforms.
- Enable testing for European Digital Identity (EUDI) relying party solutions.
- Streamline testing with an intuitive interface.
- Generate clear, customizable test reports.
- Accelerate readiness for compliance testing by Fime test labs.
- Accelerate development and reduce time to market.

Key features

- Broad support for multiple mdoc profiles, including mDL, eHealth, Photo ID, PID, and mVRC, with additional profiles planned.
- Connects to the Android-based companion device via Android Debug Bridge (ADB) to exchange test data with the simulated wallet app during execution.
- Supports full device engagement testing via NFC or QR code (ISO/IEC 18013-5) and URI-based engagement for ISO/IEC 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 18013-5:2021 AAMVA namespace 'org.iso.18013.5.1.aamva' from AAMVA Mobile Driver's License Implementation Guidelines, Version 1.5.
- eHealth Document Type 'org.micov.1' from Guidelines for developing an ISO-compliant mdoc for eHealth RC3.1 from ISO/IEC WG10/N2477.
- Photo ID Document Type 'org.iso.23220.photoid.1' from ISO/IEC 23220-4.2
- EU PID Document Type 'eu.europa.ec.eudi.pid.1' from EU PID Rulebook ARF v2.5.0 Annex 3.
- mVRC Document Type 'org.iso.7367.1.mvrc' from ISO/IEC 7367 WD2.2 WG10/N2487.

NOTE: Additional mdoc profiles will be added over time to support emerging digital identity initiatives and wallet ecosystems worldwide.



Contact

To learn more about how Fime can help your business:

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Technical specifications.

Hardware.

A customer-provided Android handset running Android 14 or later is required as the companion device. This handset hosts the test environment and operates independently from the system under test (SUT). Reader applications running on either Android, iOS and other platforms can be evaluated as the SUT. No additional Fime hardware is required.

Licensing.

The test suite is delivered with a Fime USB license dongle used to enable and manage software licensing.

Powered by Conclusion Test Manager.

The **Digital Identity Reader Test Suite** operates on Conclusion Test Manager.

- Conclusion Test Manager is a user-friendly test management application.
- It includes a powerful test engine capable of generating and transmitting messages in multiple variations across different interfaces to the system under test.
- The platform provides advanced test management capabilities to control the full testing lifecycle, including configurable test execution and comprehensive test result reporting.

Customer support.

The customers can raise support tickets via our dedicated Service Desk.

Making innovation possible.

Making the world work.

Consulting | Test Platforms | Testing Services