

## mDL Reader Test Suite

Test the functionality of a mobile driver's license reader application.

### Overview.

The **mDL Reader Test Suite** is a powerful test tool available for developers and testers who need to test a mobile driver's license (mDL) reader application in a stable test environment in which repeatable tests can be performed.

Test your mDL reader application in a stable and repeatable test environment.

You can test your mDL reader application under development by simulating an mDL holder application to test compliance to ISO 18013-5 using the ISO 18013-6 test specification.

### How it works.

The **mDL Reader Test Suite** reuses the transport layer capabilities of any Android 10 handset to engage with and test the transfer of mDL credentials by the reader application to the test suite.

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

Define

Design

Deliver

Test



Mobile driver's license reader test suite.

Used by  
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### Key benefits

- Easy-to-use and intuitive user interface.
- Easy-to-read and configurable test results that can be saved and shared.
- Support for elliptic curve PKI cryptography.
- Test environment supports any Android 10 handset.

### Key features

- Test ISO 18013-5 Interface 2 and 3.
- Support for testing device retrieval (offline) and server retrieval (online).
- Fully test ISO 18013-5 device engagement via NFC or QR code.
- Fully test ISO 18013-5 mDL data transfer via NFC, BLE, Wi-Fi Aware and WebAPI over HTTPS TS v1.2 and 1.3.

## Libraries.

ISO	ISO/IEC 7816-3:2006
	ISO/IEC 7816-4:2013
	ISO/IEC 14443-2:2016
	ISO/IEC 14443-3:2016
	ISO/IEC 14443-3:2018
	ISO/IEC 14443-4:2018
	ISO/IEC 18004:2015
	ISO/IEC 18013-1:2018
	ISO/IEC 18013-2:2008
	ISO/IEC 18013-3:2017
NFC	NFC Forum, Bluetooth Secure Simple Pairing Using NFC, NFCForum-AD-BTSSP_1_2
	NFC Forum, Connection Handover
	NFC Forum, Technical Specification - NFC Data Exchange Format (NDEF)
Wi-Fi Alliance	Wi-Fi Alliance Neighbor Awareness Networking Technical Specification, Version 3.0

## What's in the box?

- Full coverage of the ISO 18013-6 test specification.
- Device engagement testing via NFC or QR code.
- mDL Application and mDL Issuer simulations.
- Connectivity for testing provided by our Android proxy application using ADB.
- Support for ISO 18013-5 Interface 2 and 3 testing.

## Technical specifications.

### Hardware.

You must provide an Android 10 handset for full testing coverage. If Wi-Fi Aware is not required a minimum of Android 7 can be used.

### Conclusion Test Manager.

**mDL 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.



## Contact

To learn more about how Fime can help your business:

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