

UL eID Services

UL is a key partner in understanding the digital credential landscape and how to best leverage digital credentials in the solutions you provide to your customers. We offer independent training, strategic advisory, testing, certification, and cybersecurity evaluation services for mobile driver's licenses (mDLs) and other forms of electronic identification (eID).

eID Scheme

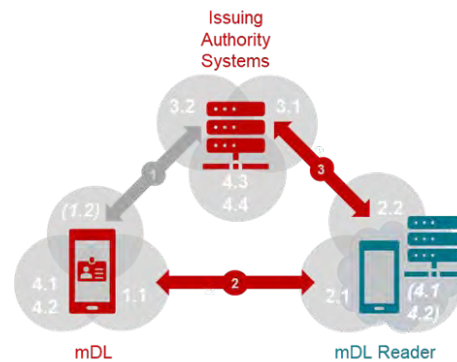
As the global leader in testing and compliance, the UL Family of Companies delivers certification services through specific certification bodies. These certification bodies operate under their own authority, independent from government organization, are ISO/IEC 17065 compliant and are accessible to all who fall within the scope of operations. UL has set up an eID Scheme with Testing Labs to evaluate products and certify solutions for ISO/IEC 18013-5:2021 compliance.

Who is it for?

For solution providers working towards the implementation of a mDL or mDL reader application, conforming to the international standard for digital and mobile driving license ISO/IEC 18013-5:2021

What services are part of the eID Scheme?

UL offers independent test services for conformity to ISO/IEC 18013-5:2021 to solution providers of mDL application or mDL reader application. Upon successful evaluation of the solution under test UL will issue a certification of the solution under test. UL will also deliver the UL Mark to the certified solution, which can be used to show full compliance to ISO 18013-5. The UL Mark will be valid for one year, after which, recertification will be required:



1.1 UL's mDL application certification:

testing mDL's conformity to ISO/IEC 18013-5 on its interface to the mDL reader:

1.1.1 functional conformity testing on the session and application layers.

1.1.2 personalization conformity testing on the data layer.

2.1 UL's mDL reader application certification – device retrieval conformity test service:

testing the mDL reader's conformity to ISO/IEC 18013-5: functional conformity testing on the session and application layers of the interface to the mDL.

2.2 UL's mDL reader – server retrieval conformity test service:

testing the mDL reader's conformity to ISO/IEC 18013-5: functional conformity testing on the session and application layers of its interface to the issuing authority infrastructure.



What is the process?

This service includes test runs on a maximum of four devices, two running Android based applications and two running iOS based applications. Before Certification starts an Implementation Conformance Statement (ICS) form is filled out to define the scope of the certification. The application is then shared with the UL testing lab via Test Flight or MS App Center, as well as the relevant operating instructions. In addition, UL requires test certificates in order to perform the relevant security mechanism testing.

Once all required materials are submitted to UL, the Test Lab will begin the testing. After two weeks, UL will provide a test report detailing a pass or fail result for each test case. Upon successful evaluation of the implementation under test, UL will deliver two Certification Test Reports, one for Android and one for iOS, detailing the test scope and test results, confirming conformity of the evaluated implementations with ISO/IEC 18013-5. UL will also deliver the UL Mark to the certified solution, which can be used to show full compliance to ISO 18013-5. The UL Mark will be valid for one year, after which, recertification will be required:



Separate Box: UL Test Suites

In preparation of the certification it is advisable to perform quality assurance testing on the system under test. UL offers the UL mDL Application Test Suite and UL mDL Reader Test Suite. A test standard for ISO/IEC 18013-5 is currently under development and UL is actively contributing to this forthcoming ISO/IEC 18013-6 standard. The UL mDL Test Tools will be kept compliant to the latest (draft) version of ISO/IEC 18013-6. UL Test Suites are powerful test tool available for developers and testers to test in a stable test environment in which repeatable tests can be performed on their mDL implementation.

Key Benefits

- Off-the shelf test suite
- Easy-to-use and intuitive user interface
- ISO 18013-5 Interface 2 and 3 testing
- Ability to share test results with other interested parties
- Support for elliptic curve PKI cryptography
- Test environment supports any Android 10 handset

For your sales inquiries, please contact imsecurity@ul.com or visit [UL.com/eID](https://ul.com/eID).



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