Youniqx Identity AG
Tenschertstrasse 7, 01230 Wien, Austria

7th October 2025

Subject: Confirmation of conformity of Android-based eid.li.2.2.0 with ISO/IEC 18013-5:2021

Dear Sebastian,

This letter serves to confirm that the abovementioned mDL application ('the application'), which was developed using Youniqx SDK mia-public-sdk v25.1.11, was tested by FIME and found to be compliant with ISO/IEC 18013-5:2021 as of the date of this letter.

The test scope included testing the application on its interface to an mDL reader, by executing the test cases listed in the latest draft version of ISO/IEC 18013-6:2024. Testing was limited to the features supported by the application, as indicated in the Implementation Conformance Statement in the Appendix to this letter. Details of the application under test, the test environment, and the test devices used for testing can be found on the next page.

As a reminder, the correct functioning of the application is dependent on several factors in its operational environment. Youniqx Identity AG is solely and fully responsible for the conformity of the application to all applicable standards, specifications, and requirements.

The number of the Test Report corresponding to this letter is M25REP00-240_Android V2.0. This report contains the full overview of executed test cases and all test results.

This confirmation letter is valid for 1 year from the date of issuance.

Yours sincerely,

Jerrin Jose Thomas

Service Line Manager
2025.10.07 12:18:39 -04'00'

mDL implementation scope

System Under Test

Application name and version	eid.li.2.2.0
Date of receipt of application	2025-07-01

SDK Details

SDK Name and Version	mia-public-sdk v25.1.11
SHA-256 Hash over SDK	33f998651dd78a5ac7446f15c8ee4f754c038572959068732bf8503d2992b67a

Implementation Conformance Statement Summary

Device engagement technologies	QR code
Device retrieval technologies	BLE in mdoc peripheral server mode
Server retrieval technologies	None
Security mechanisms for device retrieval	Session encryption, issuer data authentication, mdoc ECDSA/EdDSA authentication

Test Environment

Standard	ISO/IEC 18013-5:2021
Test Case Specification	ISO/IEC 18013-6:2024
Test Suite	FIME Digital Identity Application Test Suite v1.5.1
mDL Test App	mdoctestapp-1.4.2.apk
Test device on which the mDL Test App is installed	Google Pixel 8a
OS version of the test device on which the mDL Test App is installed	Android 14

Test Devices and Platform

Device brand and type	Google Pixel 9a	LG G8-ThinQ
OS version	Android 15	Android 12

A.1 Appendices (Including 9 pages)

Appendix A: Implementation Conformance Statement (Including 9 pages)

----------END OF DOCUMENT----------

MEMO

Fime
1945 The Exchange, Suite 200 SE,
Atlanta, Georgia - 30339
United States

From	Fime
To	Youniqx
Date	2025-06-11
Subject	Implementation Conformance Statement for mDL applications
ICS template version	1.10

Dear Youniqx,

The purpose of this document is for you to document the Implementation Conformance Statement (ICS), indicating which standardized functions and/or protocols are supported in the Android-based mDL application provided to Fime for conformity testing. The details from the ICS form will be used by the Fime to understand the scope of certification and generate the applicable test cases for conformity testing.

Please fill the form providing the technical details regarding your Android-based mDL application implementation and return the form.

Depending on the number of different options your application supports and the nature of these options, it may not be possible to combine all these options in a single sample. After we have received you ICS form, Fime will let you know how many different samples we would need to receive in order to fully test all supported options. By combining options in a smart way, we will try to minimize this number. We will let you know how each of these samples need to be configured.

Finally, please note that Fime will treat all information provided via this form as confidential, subject to the terms of confidentiality between Fime and Youniqx

Thank you,

Fime

mDL Owner General Information	
Application owner Name	Youniqx
Address	Tenschertstrasse 7
City	01230 Wien
State	Austria
Zip Code / Postal Code	
Country	Austria
Contact Name	Sebastian Zehetbauer
Contact Title	
Contact Email Address	zehetbauer@youniqx.com
Contact Phone Number	

Issuing Authority General Information (Applicable for Integrated Product Certification Only)	
Issuing Authority Name	
Issuing Authority Address	
City	
State	
Zip Code / Postal Code	
Country	
Contact Name	
Contact Title	
Contact Email Address	
Contact Phone Number	

#	mDL Application General Information	
-	Certification Type	☒ Functional[1] ☐ Integrated Product[2]
-	Application name and version	eid.li 2.2.0
-	Minimum version of Android supported	Android 12
1.	How many documents are present on the mDL under test?	1
2.	For each document, please specify the applicable DocType	org.iso.18013.5.1.mDL
3.	For each document, please specify all data element namespaces used by the document	org.iso.18013.5.1
4.	For each namespace different from the mDL namespace ("org.iso.18013.5.1"), please specify the identifiers of all data elements present in the document	

[1] For functional certification, the mDL data set can be a sample data set that the mDL owner would like to personalize onto the mDL.

[2] Integrated product certification requires the mDL data set to be prepared and personalized by an Issuer System of Record (SoR) and the mDL data set shall be a representative of the mDL that will be used in production.

#	**ICS statements for mDL Data Model test cases** [3]	
5.	Data element administrative_number is present in the mDL data.	☐YES ☒NO
6.	Data element sex is present in the mDL data.	☐YES ☒NO
7.	Data element height is present in the mDL data.	☐YES ☒NO
8.	Data element weight is present in the mDL data.	☐YES ☒NO
9.	Data element eye_color is present in the mDL data.	☐YES ☒NO
10.	Data element hair_color is present in the mDL data.	☐YES ☒NO
11.	Data element birth_place is present in the mDL data.	☒YES ☐NO
12.	Data element resident_address is present in the mDL data.	☐YES ☒NO
13.	Data element portrait_capture_date is present in the mDL data.	☐YES ☒NO
14.	Data element age_in_years is present in the mDL data.	☐YES ☒NO
15.	Data element age_birth_year is present in the mDL data.	☐YES ☒NO

[3] Note: all data elements in this section are in the default mDL data namespace ("org.iso.18013.5.1"). The ICS statements in this section should be filled in only for documents having DocType = "org.iso.18013.5.1.mDL".

<table>
<tr><td>16.</td><td>Data element age_over_NN is present in the mDL data.

In case you select YES, please provide six (6) age_over_NN data elements in the mDL data, of which three (3) lower NN values with the value TRUE and three (3) higher values with the value FALSE. Please make sure the set of age_over_NN data elements is consistent. List the values for NN1 – NN6 present in the mDL data.

<table><tr><th>Value for NN in data element identifier</th><th>Value (TRUE / FALSE)</th></tr><tr><td>age_over_NN1(L)</td><td>TRUE</td></tr><tr><td>age_over_NN2(L)</td><td>TRUE</td></tr><tr><td>age_over_NN3(L)</td><td>TRUE</td></tr><tr><td>age_over_NN4(H)</td><td>FALSE</td></tr><tr><td>age_over_NN5(H)</td><td>FALSE</td></tr><tr><td>age_over_NN6(H)</td><td>FALSE</td></tr></table>
EXAMPLE: The following set complies with the above rules:
age_over_15 = TRUE (NN1 = 15)
age_over_18 = TRUE (NN2 = 18)
age_over_21 = TRUE (NN3 = 21)
age_over_60 = FALSE (NN4 = 60)
age_over_65 = FALSE (NN5 = 65)
age_over_68 = FALSE (NN6 = 68)</td><td>☐YES
☒NO</td></tr>
<tr><td>17.</td><td>Data element issuing_jurisdiction is present in the mDL data.</td><td>☐YES
☒NO</td></tr>
<tr><td>18.</td><td>Data element nationality is present in the mDL data.</td><td>☐YES
☒NO</td></tr>
<tr><td>19.</td><td>Data element resident_city is present in the mDL data.</td><td>☐YES
☒NO</td></tr>
<tr><td>20.</td><td>Data element resident_state is present in the mDL data.</td><td>☐YES
☒NO</td></tr>
<tr><td>21.</td><td>Data element resident_postal_code is present in the mDL data.</td><td>☐YES
☒NO</td></tr>
<tr><td>22.</td><td>Data element resident_country is present in the mDL data.</td><td>☐YES
☒NO</td></tr>
<tr><td>23.</td><td>Data element biometric_template_face is present in the mDL data.</td><td>☐YES
☒NO</td></tr>
<tr><td>24.</td><td>Data element biometric_template_voice is present in the mDL data.</td><td>☐YES
☒NO</td></tr>
<tr><td>25.</td><td>Data element biometric_template_finger is present in the mDL data.</td><td>☐YES
☒NO</td></tr>
<tr><td>26.</td><td>Data element biometric_template_iris is present in the mDL data.</td><td>☐YES
☒NO</td></tr>
<tr><td>27.</td><td>Data element biometric_template_retina is present in the mDL data.</td><td>☐YES
☒NO</td></tr>
</table>

28.	Data element biometric_template_hand_geometry is present in the mDL data.	☐YES ☒NO
29.	Data element biometric_template_signature_sign is present in the mDL data.	☐YES ☒NO
30.	Data element biometric_template_keystroke is present in the mDL data.	☐YES ☒NO
31.	Data element biometric_template_lip_movement is present in the mDL data.	☐YES ☒NO
32.	Data element biometric_template_thermal_face is present in the mDL data.	☐YES ☒NO
33.	Data element biometric_template_thermal_hand is present in the mDL data.	☐YES ☒NO
34.	Data element biometric_template_gait is present in the mDL data.	☐YES ☒NO
35.	Data element biometric_template_body_odor is present in the mDL data.	☐YES ☒NO
36.	Data element biometric_template_dna is present in the mDL data.	☐YES ☒NO
37.	Data element biometric_template_ear is present in the mDL data.	☐YES ☒NO
38.	Data element biometric_template_finger_geometry is present in the mDL data.	☐YES ☒NO
39.	Data element biometric_template_palm_geometry is present in the mDL data.	☐YES ☒NO
40.	Data element biometric_template_vein_pattern is present in the mDL data.	☐YES ☒NO
41.	Data element biometric_template_foot_print is present in the mDL data.	☐YES ☒NO
42.	Data element family_name_national_character is present in the mDL data.	☐YES ☒NO
43.	Data element given_name_national_character is present in the mDL data.	☐YES ☒NO
44.	Data element signature_usual_mark is present in the mDL data.	☒YES ☐NO

#	**ICS statements for Technology test cases**	
45.	mDL supports device engagement using NFC Static Handover.	☐YES ☒NO

46.	mDL supports device engagement using NFC Negotiated Handover.[4]	☐YES ☒NO
47.	mDL supports device engagement using QR code.	☒YES ☐NO
48.	mDL supports device retrieval using NFC.	☐YES ☒NO
49.	mDL supports extended-length APDUs for device retrieval using NFC.	☐YES ☒NO
50.	mDL supports BLE version 4.2 (or above) and LE Data Packet Length Extension.	☐YES ☒NO
51.	mDL supports device retrieval using BLE in mdoc central client mode.	☐YES ☒NO
52.	If BLE in mdoc central client mode is used for device retrieval, mdoc verifies the value of the Ident characteristic.	☐YES ☒NO
53.	mDL supports the L2CAP transmission profile if it is acting as the GATT client for device retrieval using BLE.	☐YES ☒NO
54.	mDL supports device retrieval using BLE in mdoc peripheral server mode.	☒YES ☐NO
55.	mDL supports the L2CAP transmission profile if it is acting as the GATT server for device retrieval using BLE.	☐YES ☒NO
56.	mDL supports device retrieval using Wi-Fi Aware.	☐YES ☒NO
57.	mDL supports the NCS-PK-2WDH-128 cipher suite for Wi-Fi Aware.[5]	☐YES ☒NO
58.	mDL supports server retrieval using OIDC	☐YES ☒NO
59.	mDL supports server retrieval using WebAPI	☐YES ☒NO
60.	mDL supports transferring server retrieval information in the device engagement structure	☐YES ☒NO
61.	mDL implements a time-out for the time between sending device engagement data and receiving the session establishment message when using QR code for device engagement.	☐YES ☒NO
62.	If yes, how many seconds is the time-out period implemented by the mDL?	
63.	mDL implements a time-out for the time between sending device engagement data and receiving the session establishment message when using NFC for device engagement.	☐YES ☒NO
64.	If yes, how many seconds is the time-out period implemented by the mDL?	

[4] Note that NFC Static Handover and NFC Negotiated Handover cannot be supported simultaneously, if an mDL supports both technologies

[5] Only applicable in case the mdoc supports Wi-Fi Aware for device retrieval and supports NFC Negotiated Handover for device engagement.

#	ICS statements for Security Mechanisms test cases	
65.	Which curves does the mDL support for session establishment? Select all that are supported.[6]	☒ Curve P-256 ☐ Curve P-384 ☐ Curve P-521 ☐ X25519 ☐ X448 ☐ brainpoolP256r1 ☐ brainpoolP320r1 ☐ brainpoolP384r1 ☐ brainpoolP512r1
66.	mDL supports exchanging more than one device retrieval mdoc request and response with the mdoc reader in a single session.	☐YES ☒NO
67.	If yes, how many seconds is the time-out period for session termination implemented by the mDL?	
68.	Which curves does the mDL issuing authority support for issuer data authentication? Select all that are supported.[7]	☒ Curve P-256 ☐ Curve P-384 ☐ Curve P-521 ☐ Ed25519 ☐ Ed448 ☐ brainpoolP256r1 ☐ brainpoolP320r1 ☐ brainpoolP384r1 ☐ brainpoolP512r1
69.	The mDL supports mdoc MAC authentication.	☐YES ☒NO
70.	If yes, which curves does the mDL support for mdoc MAC authentication? Select all that are supported.[8]	☐ Curve P-256 ☐ Curve P-384 ☐ Curve P-521 ☐ X25519 ☐ X448 ☐ brainpoolP256r1 ☐ brainpoolP320r1 ☐ brainpoolP384r1 ☐ brainpoolP512r1

[6] If the mDL supports multiple curves for session establishment, then for the purpose of testing, the mDL owner should provide a separate sample for each of the curves supported.

[7] If multiple documents are present on the mDL, the issuing authority can in theory use a different curve for signing the MSO on each of them. However, please note that Fime expects that the same curve is used for all documents on a given sample. For the purpose of testing, the mDL owner should provide a separate sample for each of the curves supported.

[8] If multiple documents are present on the mDL, the mDL can in theory use a different mdoc MAC authentication curve for each of them. However, please note that Fime expects that the same curve is used for all documents on a given sample. For the purpose of testing, the mDL owner should provide a separate sample for each of the curves supported.

71.	The mDL supports mdoc ECDSA/EdDSA authentication	☒YES ☐NO
72.	If yes, which curves does the mDL use for mdoc ECDSA/EdDSA authentication? Select all that are supported.[9]	☒ Curve P-256 ☐ Curve P-384 ☐ Curve P-521 ☐ Ed25519 ☐ Ed448 ☐ brainpoolP256r1 ☐ brainpoolP320r1 ☐ brainpoolP384r1 ☐ brainpoolP512r1
73.	The mDL supports mdoc reader authentication	☐YES ☒NO
74.	If yes, which curves does the mdoc support for mdoc reader authentication? Select all that are supported.[10]	☐ Curve P-256 ☐ Curve P-384 ☐ Curve P-521 ☐ Ed25519 ☐ Ed448 ☐ brainpoolP256r1 ☐ brainpoolP320r1 ☐ brainpoolP384r1 ☐ brainpoolP512r1
75.	If yes, if mdoc reader authentication fails, does the mdoc notify the mdoc holder that the mdoc verifier's identity could not be verified?	☐YES ☐NO
76.	If yes, are there any data elements that the mdoc will not release if reader authentication fails? If so, please list them all by namespace and identifier. [11]	☐YES, namely…. ☐NO
77.	If yes, mdoc supports retrieving OCSP information, if available, when verifying a mdoc reader authentication certificate.	☐YES ☐NO
78.	If yes, mdoc supports retrieving CRL information when verifying an mdoc reader authentication certificate.	☐YES ☐NO
79.	A test CRL for all IACA root certificates provided by the customer is available during testing.	☐YES ☒NO

[9] Note that for each document on an mDL, there could potentially be multiple SDeviceKey pairs for mdoc authentication, each in a separate MSO. It is therefore theoretically possible that a single document uses MAC authentication and ECDSA/EdDSA authentication alternatingly or uses different curves for ECDSA/EdDSA alternatingly. However, please note that Fime expects that the same mdoc authentication mechanism (either MAC or ECDSA/EdDSA) is consistently used for all documents on a given sample. Moreover, Fime expects that the same ECDSA/EdDSA curve is used for all documents on a given sample. For the purpose of testing, the mDL owner should provide a separate sample for each of the curves supported.

[10] Fime assumes that all mDL samples provided to us will support all mdoc reader authentication curves selected (provided that the correct CA certificates are installed).

[11] At least one of ICS #75 and ICS #76 should be answered with Yes. Otherwise, failing reader authentication would not have any consequences.

80.	A test CRL for all Document Signer certificates used by the mdoc is available during testing.	☐YES ☒NO

#	ICS statements for Use Cases test cases	
81.	The mDL enables the mDL holder to refuse consent for sharing the portrait but give consent for sharing other data elements requested in the same request.	☐YES ☒NO