fime

Fime test session confirmation letter

Biometric subcomponent test session according to

ISO Standards

Test session carried out from August 24, 2023 to August 29, 2023 for

Mercuries Data Systems Ltd.

Fime hereby confirms that **UBReader TS-E3F1-B52UE & TS-E3F1-B59UE** products developed by **Mercuries Data Systems Ltd**. have successfully completed biometric **Presentation Attack Detection** testing carried out in accordance with **ISO/IEC 30107-1** and **ISO/IEC 30107-3**.

This test session was performed from August 24 to August 29, 2023 at **Fime EMEA** on the product UBReader **TS-E3F1-B52UE** using **MDSFV V4.0.0.0** software received on May 03, 2023.

Tested products are biometric finger vein sensor devices designed for use with a computer operating under windows OS.

The results of the test session demonstrate that samples tested meet the requirements established with the guidance of documents described hereafter. The detailed results are provided in official test report: **C23REP00-450_V1.0**

Tested sample identification

- Name: UBReader TS-E3F1-B52UE & TS-E3F1-B59UE
- Version: v2.2.0.2
- Biometric modality: finger vein
- Biometric sensor technology: NIR
- Software name and version: MDSFV V4.0.0.0

The tests were carried out in accordance with following standard method guidance and documents:

- ISO/IEC 30107-1:2016
- ISO/IEC 30107-3:2023

Testing was conducted using the *UBReader TS-E3F1-B52UE* finger vein device installed on a computer where *MDSFV V4.0.0.0*, which perform biometric matching operation, has been launched. Test method has involved 12 finger subjects coming from 4 unique people, 6 recipes level A and 3 recipes level B, which has permitted to design 108 presentation attack instruments (PAI). Each PAI have been tested 10 times against product in indoor condition leading to 1080 presentation attacks. Test results show that *UBReader TS-E3F1-B52UE* with *MDSFV V4.0.0.0* global IAPMR (Attack Presentation Classification Error Rate) is = 0%.

Fime laboratories meet Android™ requirement for testing the biometric security of Android devices, and accredited by various biometrics standards, such as FIDO Alliance Biometric Component Certification, to perform evaluations for biometric authentication products, systems and subcomponents. Fime implements standardized and trusted quality control testing procedures and methodologies, to perform products test sessions.

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