fime

Fime test session confirmation letter

Biometric subcomponent test session according to

ISO Standards

Test session carried out from May 05, 2021 to June 18, 2021 for

Sybrin Limited

Fime hereby confirms that the **Sybrin liveness detection** product developed by Sybrin Limited has 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 **May 05 to June 18, 2021** at Fime (FEIMA Ltd Taiwan branch and FIME EMEA) on samples **T21STN00- 249 B001 and B002.**

Tested product is a facial recognition mobile application based on optical camera technology designed to be integrated into smartphone devices supporting Android or IOS.

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: **n°T21REP00-249.**

Tested sample identification

- Name: Sybrin liveness detection
- Version: 1.0
- Number of samples: 2
- Biometric modality: Facial
- Biometric sensor technology: Optical camera
- Software name and version: Liveness Detection Showcase 1.0.10

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

- ISO/IEC 30107-1
- ISO/IEC 30107-3

Testing was conducted using 3 smartphones (ASUS Zenfone 5, IPhone 6 and Samsung Galaxy S8) where *Liveness Detection Showcase 1.0* application, which assesses directly the spoof detection, has been installed. Test method has involved 12 subjects, 6 recipes level A and 4 recipes level B, which has permitted to design 120 presentation attack instruments (PAI). Each PAI have been tested 5 times against product in outside condition leading to 600 presentation attacks. Test results show that *Liveness Detection Showcase 1.0* global APCER (Attack Presentation Classification Error Rate) is < 0.168%.

Fime laboratories are 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.

August 12, 2021

Guillaume YVON
Biometric Activity Manager