Letter of Confirmation

Issued to Tech 5

for the test report issued on the 17th of October 2022 for,

ISO/IEC 30107-3 compliant Presentation Attack Detection (PAD) Level 1 evaluation of,

Tech 5 SA T-5 AirSnap Fingerprint (v2.4.6.8) Application

To whom it may concern,

BixeLab is a biometric testing laboratory accredited by National Institute of Standards and Technology (NIST) under the National Voluntary Laboratory Accreditation Program (NVLAP) with testing Lab code: 600301-0. BixeLab also conforms to the requirements of ISO/IEC 17025:2017 (General Requirements for Competence of Testing and Calibration laboratories). BixeLab shall not be held liable for any interpretations, decisions, or actions based on the information contained in this confirmation letter. BixeLab does not certify or make any claims regarding the performance of the IUT outside of the described context in this letter.

Between August and October 2022, BixeLab evaluated the Item Under Test (IUT) in compliance with the applicable specifications of the ISO/IEC 30107-1 and ISO/IEC 30107-3 Presentation Attack Detection (PAD) testing and reporting standards. This evaluation took place at the BixeLab headquarters located in Australian Capital Territory, Australia.
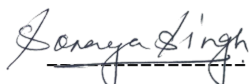
The PAD evaluation was completed to a Level 1 sophistication in a secure laboratory testing environment using 9 Level A Presentation Attack Instrument (PAI) species. This included 3 non-cooperative and 6 cooperative Presentation Attack Instrument (PAI) species. To support further classification of Level A attack types, the cooperative vs. uncooperative nature of the attack types was taken into consideration. The PAIs were created for 5 conformant and consenting test subjects.

The evaluation consisted of 120 Level A non-cooperative attack presentations, 275 Level A cooperative attack presentations, and 120 bona fide presentations. The following metrics were measured:

1. Attack Presentation Classification Error Rate (ACPER)
    a. 0 classification errors across all non-cooperative attack types tested.
    b. 0 classification errors across 3 out of 6 cooperative attack types tested.
2. Bona fide Presentation Classification Error Rate (BPCER)
    a. 40 classification errors across 120 bona fide presentations tested.

A detailed test and analysis report was generated to support the findings. For the associated Attack Presentation Non-Response Rate (APNRR) and Bona fide Presentation Non-Response Rate (BPNRR) metrics, please refer to the test report.

This letter confirms that the IUT - Tech 5 SA T-5 AirSnap Fingerprint (v2.4.6.8) Application has been tested according to the applicable requirements set forth in ISO/IEC 30107-3 specifications for Presentation Attack Detection testing and reporting.

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