



# Letter of Confirmation

Issued to Tech 5 SA

For the test report issued on the 13<sup>th</sup> of October 2022 for,

ISO/IEC 19795-2 compliant Biometric Performance evaluation of,

**Tech 5 SA Fingerprint Matcher Utility (v4.0.0.198) – Contactless to Contact**

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 SUT outside of the described context in this letter.

Between August and October 2022, BixeLab conducted a Biometric Performance Testing of Tech 5 SA Fingerprint Matcher Utility (v4.0.0.198) – Contactless to Contact – System Under Test (SUT) in compliance with the applicable requirements set forth in ISO/IEC 19795-1 and ISO/IEC 19795-2. This testing took place at the BixeLab headquarters located in Australian Capital Territory, Australia.

The Biometric Performance Testing was conducted using a local instance of the SUT accessible offline to BixeLab. The performance was measured using a test corpus of enrolment and verification samples from 27 unique and consenting test individuals. Each user provided all ten fingerprints which were considered as separate test instances for this evaluation. Evaluation resulted in 270 genuine (mated) and 7020 imposter (non-mated) comparison trials.

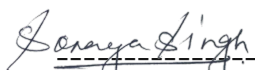
The verification (1:1) biometric matching performance for the SUT was measured based on the biometric score outcome per 1:1 comparison trial.

The following metrics were measured at three matching thresholds:

- Threshold of 0.1
  - A False Match Rate of 18.6% across 7020 non-mated comparisons.
  - A False Non-Match Rate of 1.1% across 270 mated comparisons.
- Threshold of 0.2
  - A False Match Rate of 0.02% across 7020 non-mated comparisons
  - A False Non-Match Rate of 5.2% across 270 mated comparisons.
- Threshold of 0.3
  - A False Match Rate of 0% across 7020 non-mated comparisons
  - A False Non-Match Rate of 14.2% across 270 mated comparisons.

This letter confirms that the SUT - Tech 5 SA Fingerprint Matcher Utility (v4.0.0.198) was tested within the applicable requirements set forth in ISO/IEC 19795 – 1 and ISO/IEC 19795-2 for contactless to contact matching performance.

A detailed test and analysis report was generated to support the findings.

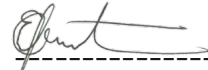


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