BixeLab

Biometrics Identity Experience & Evaluation Laboratory

Letter of Confirmation

Issued to Scantek

for the test report issued on the 21st of September 2022 for,

ISO/IEC 19795-2 compliant Biometric Performance Testing of

Scantek Matching Engine API version 2.1.10

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 July and August 2022, BixeLab conducted a Biometric Performance Testing of Scantek Matching Engine API version 2.1.10 –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 web API endpoint to the SUT in a remote secure test environment. The performance was measured using a demographically diverse dataset of 254 individuals. The final analysis set contained 64516 (254 mated and 64262 non-mated).

The verification (1:1) biometric matching performance for the SUT was measured based on the comparison scores outputted by the biometric decision subsystem at the reported threshold of 70.

The following metrics were measured:

- 0 False Matches across 64262 non-mated comparisons.
- 3 False Non-Matches across 254 mated comparisons.

9 Failure to Acquires were found across the 254 mated comparisons.

This letter confirms that the SUT - Scantek Matching Engine API version 2.1.10 was tested within the applicable requirements set forth in ISO/IEC 19795 -1 and ISO/IEC 19795 – 2.

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

Ms. Somya Singh
Operations Manager
BixeLab Pty Ltd
info@bixelab.com

Dr. Ted Dunstone
Senior Responsible Officer
BixeLab Pty Ltd
info@bixelab.com