BixeLab

Biometrics Identity Experience & Evaluation Laboratory

Letter of Confirmation

Issued to *Cybertech JSC Vietnam*

for test report issued on the 16th of September 2025 for

ISO/IEC 30107-3 compliant PAD Level 2 evaluation of,

BKACS device's *BKA*CS-FACE (v1.0)- item under test (IUT)

To whom it may concern,

BixeLab (NVLAP Lab Code: 600301-0) is accredited by the NIST administered **National Voluntary Laboratory Accreditation Program (NVLAP)** to ISO/IEC 17025:2017, for specific services listed on the Scope of Accreditation for Biometrics Testing (certificate and scope may be downloaded from the NVLAP website).

In August 2025, BixeLab evaluated the BKACS_FACE (v1.0) - Item Under Test (IUT) using the BKACS device. Evaluation was performed 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 2 sophistication in a secure laboratory testing environment using six Level 2 Presentation Attack Instrument (PAI) species for face modality. These PAIs were specifically designed for 10 consenting and conformant test subjects. The evaluation focused on assessing the PAD mechanism within the IUT. A total of 300 Level 2 presentation attacks were conducted across all PAIs. Additionally, 50 bona fide presentation transactions were conducted across the 10 unique subjects. The testing was conducted with the following thresholds:

1. Score RGBIR = 0.7
2. Score1 = 0.7
3. Score2 = 50

The following performance metrics were measured based on the completed testing using the threshold values mentioned above:

1. Attack Presentation Classification Error Rate (APCER)
   a. 0 classification errors across the 300 Level A presentation attacks,

2. Bona fide Presentation Classification Error Rate (BPCER):
   a. 10 classification errors across 50 bona fide presentations.

A detailed test and analysis report was generated to support the findings. For the associated Bona fide Presentation Classification Error Rate (BPCER), Attack Presentation Non-Response Rate (APNRR) and Bona fide Presentation Non-Response Rate (BPNRR) metrics for each attack type tested, please refer to the test report [25_BXL050_TRB_01.2].

This letter confirms that the IUT – BKACS_FACE (v1.0) of BKACS device was tested according to the applicable ISO/IEC 30107-3 specifications for PAD testing and reporting and was found to be in compliance with Level 2.

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