1 March 2025

To whom it may concern,

iBeta Quality Assurance conducted Presentation Attack Detection (PAD) testing in accordance with ISO/IEC 30107-3. iBeta is accredited by NIST/NVLAP (NVLAP Lab Code: 200962) to test and provide results to this PAD standard (certificate and scope may be downloaded from the NVLAP website).

This testing was conducted with ETC Technology Systems JSC's BioStation v3.0 application installed on an iPhone 12 Pro Max running iOS 16.0, supported by backend component ConvnextL_EvaL14_v1.0. iBeta conducted passive liveness testing from 17 February to 28 February 2025.

Testing was conducted in accordance with the contract for a level of spoofing technique that only utilized simple, readily available methods to create artefacts of the genuine biometric for use in the presentation attack. The subjects for the test effort were cooperative – meaning that they were willing and able to provide any and all biometric samples, including high-quality photos and videos of their likeness. The test time for each PAD test per Presentation Attack Instrument (PAI) was limited to eight hours. This is considered a Level 1 PAD test effort (first of three levels).

The test method was to apply 1 bona fide subject presentation that alternated with 3 artefact presentations such that the presentation of each species consisted of 150 Presentation Attacks (PAs) and 50 bona fide presentations, or until 8 hours had passed. The results were displayed for the tester on the device as "Face Liveness Passed" for a successful attempt or "Face Liveness Failed" for an unsuccessful attempt.

iBeta was not able to gain a liveness classification with the presentation attacks (PAs) on the BioStation v3.0 application over a total of 900 attacks, resulting in an Attack Presentation Classification Error Rate (APCER) of 0%. The Bona Fide Presentation Classification Error Rate (BPCER) was also calculated and may be found in the final report.

ETC's BioStation v3.0 application, installed on an iPhone 12 Pro Max running iOS 16.0 and supported by backend component ConvnextL_EvaL14_v1.0, was tested by iBeta to the ISO 30107-3 Biometric Presentation Attack Detection Standard and found to be in compliance with Level 1.

Best regards,

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