5 February 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 the Sumsub Liveness application, accessed via a Samsung Galaxy S22 running Android 12 and an Apple iPhone 12 running iOS 18.3. The application was supported by backend component 2025.01.28-9b13fff0. iBeta conducted active liveness testing from 28 January to 7 February 2025. The Sumsub Liveness application is a solution developed by the Sumsub group of companies, where Raritex Trade Ltd. acts as a controlling entity of the group.

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 “Your profile has been verified” for a successful attempt or “Unfortunately, we couldn’t verify you” for an unsuccessful attempt.

iBeta was not able to gain a liveness classification with the presentation attacks (PAs) on the Sumsub Liveness application over a total of 1,530 attacks across both devices, 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.

The Sumsub Liveness application and its supporting backend component 2025.01.28-9b13fff0, accessed with both a Samsung Galaxy S22 running Android 12 and an Apple iPhone 12 running iOS 18.3, were 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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