27 November 2023

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 idwall's Face-service 1.42 application, used with backend cloud component idwall.co. Testing of the passive liveness detection solution was conducted from 8 November to 27 November 2023, on a Samsung Galaxy S22 running Android 12 and an Apple iPhone 12 running iOS 17.1.1.

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 a dashboard accessed via the internet browser installed on a Windows desktop machine. Successful attempts appeared on the dashboard as "Válido" [Valid], and unsuccessful attempts appeared as "Revisar" [Review]."

iBeta was not able to gain a liveness classification with the presentation attacks (PAs) on either the Galaxy S22 or iPhone 12 over a total of 1800 attacks (900 per device), 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.

idwall's Face-service 1.42 application, installed on a Galaxy S22 running Android 12 and iPhone 12 running iOS 17.1.1, was tested with backend component idwall.co by iBeta to the ISO 30107-3 Biometric Presentation Attack Detection Standard and was found to be in compliance with Level 1.

Best regards,

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