



22 February 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 Yoti Limited's MyFace v0.6.3 application, accessed via URL on the Google Chrome browser on a single smartphone, a Google Pixel 6 running Android 12. The passive liveness system's backend component was Yoti Limited's MyFace antispoofing, model meta_fas_v4:20230118-02-r2.

Testing was conducted in accordance with the contract for a level of spoofing technique that only utilized mid-level methods to create an artefact 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 biometric facial samples. The test time for each PAD test per Presentation Attack Instrument (PAI) was limited to 24 hours. This is considered a Level 2 PAD test effort (second of three levels).

The test method was to apply 1 bona fide subject presentation that alternated with 3 artefact presentations such that each species consisted of 150 Presentation Attacks (PAs) and 50 bona fide presentations per device. The application would then state "Liveness Check: Failed" for the artefact presentations and "Liveness Check: Passed" for bona fide presentations.

On the Google Pixel 6, iBeta was not able to gain a liveness classification with a presentation attack of 150 times per species. With 150 PAs for each of the 5 species on the Pixel 6, the total number of attacks for the device was 750, and the Attack Presentation Classification Error Rate (APCER) was 0%. The Bona Fide Presentation Classification Error Rate (BPCER) was also calculated and may be found in the final report.

Yoti Limited's MyFace v0.6.3 application, as well as back end component MyFace antispoofing model meta_fas_v4:20230118-02-r2, were tested by iBeta to the ISO 30107-3 Biometric Presentation Attack Detection Standards and were found to be in compliance with Level 2 on the Google Pixel 6.

Best regards,

A handwritten signature in black ink, appearing to read "Ryan Borgstrom".

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