



26 August 2020

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 Thales Group DactylID20 single finger livescan device with the demo DID20IP.DLL (version 2.1.0.0). Testing was conducted from 05 August through 17 August 2020.

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 subject was limited to eight hours. This is considered a Level 1 PAD test effort (first of three levels).

On the test platform, the sequence was to present 1 bona fide and then 3 PAIs. This was alternated until 150 PAs of each of the 6 species of presentation attacks (PAs) and 50 bona fides for each subject were presented on the device. As each attempt was conducted, the application would state “Finger OK” or “FAKE FINGER DETECTED”.

iBeta was not able to gain unauthorized access with the PAs yielding an overall Presentation Attack (PA) success rate of 0%, which then equates to the overall combined Attack Presentation Classification Error Rate (APCER) of 0%. The bona fide presentation classification error rate (BPCER) and the bona fide non-response error rate (BPCER) may be found in the final report.

The Thales Group anti-spoofing capability was tested by iBeta to the ISO 30107-3 Biometric Presentation Attack Detection Standard and was found to be in compliance with Level 1.

Best regards,

A handwritten signature in blue ink that reads "Gail Audette". The signature is written in a cursive, flowing style.

Gail Audette
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