30 August 2024

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 Multi Biometric SDK v4.0 application installed on the Android 8.1.0 platform of a Thales F2G Face Pod device. Testing of the passive liveness detection solution was conducted from 29 July to 30 August 2024, using the device and application provided by Vendor.

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 Insturment (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 the presentation of each of five species per subject consisted of 150 Presentation Attacks (PAs) and 50 bona fide presentations on each device, or until 24 hours had passed per device. The results were displayed for the tester on the device as a colored square appearing around the on-screen faces (bona fide and artefact) detected by the system: successful presentations displayed a green square, and unsuccessful presentations displayed a white square.

iBeta gained a single liveness classification with the presentation attacks (PAs) with the Thales Multi Biometric v4.0 application on the Thales F2G Face Pod device over a total of 750 attacks, resulting in an Attack Presentation Classification Error Rate (APCER) of 0.13%. The Bona Fide Presentation Classification Error Rate (BPCER) was also calculated and may be found in the final report.

Thales' F2G Face Pod device and its Thales Multi Biometric SDK v4.0 application, installed on an Android 8.1.0 platform, were tested by iBeta to the ISO 30107-3 Biometric Presentation Attack Detection Standard and were found to be in compliance with Level 2.

Best regards,

Ryan Borgstrom
iBeta Quality Assurance Director of Biometrics
(303) 627-1110 ext. 182
RBorgstrom@ibeta.com