25 April 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 Thales DIS Italia S.P.A.'s MultiScan SDK v5.1 application and Thales CSD201i/CSD201m device, accessed via multiple Windows desktop PCs. While the actual device used was a CSD201m, this is the Original Equipment Manufacturer (OEM) version of the CSD201i, and so both terms are employed here. iBeta conducted passive liveness testing from 18 April to 25 April 2024.

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 Mikrosil molds of their fingerprints. 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 "Acquisition successful" for a successful attempt or "FAKE FINGER DETECTED" for an unsuccessful attempt.

iBeta was not able to gain a liveness classification with the presentation attacks (PAs) on the MultiScan SDK v5.1 application and Thales CSD201i/CSD201m device over a total of 900 attacks, 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.

Thales DIS ITALIA S.P.A.'s MultiScan SDK v5.1 application and Thales CSD201i/CSD201m device, accessed via multiple Windows desktop PCs, 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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