Letter of Attestation– 2025 FaceTec SDK – Level 4 Spoof Bypass Certification and Reverse Engineering Assessment

Penetration Test Performed by Independent Experts

2025 FaceTec SDK - Level 4 Spoof Bypass Certification and Reverse Engineering Assessment

The undersigned attests that between July 30, 2025, and August 19, 2025, Praetorian completed the following services: Biometric Authentication Bypass via Level 4 Face Scan Tampering, Reverse Engineering, and Attempting to Decrypt and Edit the Contents of 3D FaceScans to receive a Liveness Success Response.

Praetorian spent 200 hours attempting to force a “3D Liveness Success” result via tampering with the 3D FaceScans. Praetorian was provided access to FaceTec’s Client and Server SDKs, and Praetorian’s Security Experts spent three weeks performing reverse engineering to attempt to find flaws in the 3D FaceScan encryption and decryption mechanisms.

During the assessment, Praetorian identified the following issues: 0 Critical Risk, 0 High Risk, 0 Medium Risk, 0 Low Risk, and 1 Informational. Successfully tampering with a 3D FaceScan would allow a Level 4-style attack to bypass FaceTec’s technology, but only 1 Informational issue could be found.

This letter certifies that FaceTec’s iOS SDK v9.7.76, Android SDK v9.7.78, Browser SDK v9.7.73, and Server SDK v9.7.117 have been tested, and the Attack Presentation Classification Error Rate (APCER) was found to be 0%.

As FaceTec’s business continues to change, so will its overall security posture. Such changes will affect the validity of Praetorian’s findings and this letter. Therefore, any statements made by Praetorian only apply to the state of the in-scope targets between July 30, 2025, and August 19, 2025.

Praetorian would like to thank FaceTec for this opportunity to help the organization evaluate its current security posture.

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