



Biometrics Identity Experience & Evaluation Laboratory



Letter of Confirmation

Issued to Cognitec Systems GmbH
for test report issued on the 14th of May 2026 for
ISO/IEC 19795-2 and ISO/IEC 19795-6 compliant Biometric Performance Evaluation of
FaceVACS-DBScan ID (version B16 algorithm) - System under test (SUT)

To whom it may concern,

BixeLab (NVLAP Lab Code: 600301-0) is accredited by the NIST-administered National Voluntary Laboratory Accreditation Program (NVLAP) to ISO/IEC 17025:2017, for specific services listed on the Scope of Accreditation for Biometrics Testing (certificate and scope may be downloaded from the NVLAP website).

Between September 2025 and January 2026, BixeLab conducted a vendor-specific Biometric Performance evaluation of Cognitec's FaceVACS algorithm version B16 (the System Under Test, SUT), aligned to the applicable specifications of ISO/IEC 19795-2 and ISO/IEC 19795-6. The evaluation was performed at BixeLab's facility in the Australian Capital Territory, Australia, using operational log data generated during the Brisbane Airport Corporation (BAC) biometric Proof-of-Concept trial (POC) held at Brisbane International Airport in late 2025 to early 2026. No additional testing, test crew recruitment, or fresh data collection was performed for the purpose of this report; outputs were derived from the completed POC dataset and supporting offline analysis.

The evaluation covered two workflows:

- 1:1 face verification between kiosk-captured images and passport-derived reference imagery (84% retrieved from the passport chip; 16% from the data page)
- 1:N face identification between bagdrop probe images and an enrolled gallery of 7,712 references derived from the same passenger journey.

The following metrics were observed:

- 1:1 verification kiosk-to-passport at a target FMR of 0.01% [1 in 10,000]: False Non-Match Rate (FNMR) of 2.48% across 6,236 mated and 62,950 non-mated comparison trials (95% binomial confidence interval approximately 2.11%–2.90%). (Passport images were up to 10 years old, and from several countries).
- 1:N bagdrop-to-gallery closed-set identification at a derived target FMR of 0.01% adjusted to the gallery size of 7,712: Rank-1 False Negative Identification Rate (FNIR) of 0.15% across 7,101 transactions (bootstrap IQR approximately 0.11%–0.21%).
- Failures to Enrol (FTE): 0 (zero) in both scenarios.

A detailed test and analysis report was generated and provided to Cognitec to support the findings (26_BXL057_TR_05).

This letter confirms that the SUT was evaluated using operational data in alignment with the applicable specifications of ISO/IEC 19795-2 and ISO/IEC 19795-6.



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NOTE: Bixelab shall not be held liable for any interpretations, decisions, or actions based on the information contained in this confirmation letter. BixeLab does not certify or make any claims regarding the performance of the IUT outside of the described context in this letter.