



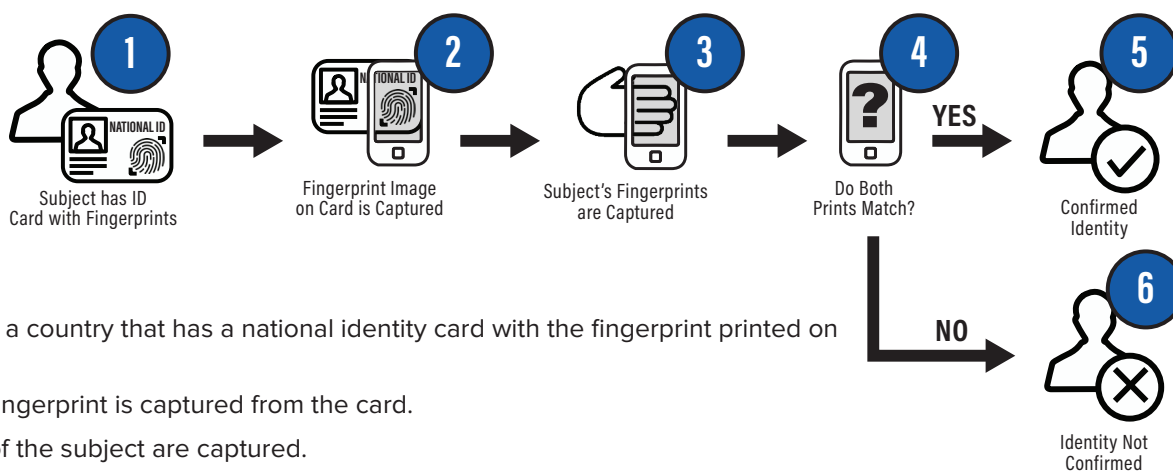
**DIAMOND FORTRESS**  
TECHNOLOGIES

+01 855 785 8646  
www.diamondfortress.com  
team@diamondfortress.com

# ONYX Identity Verification for KYC

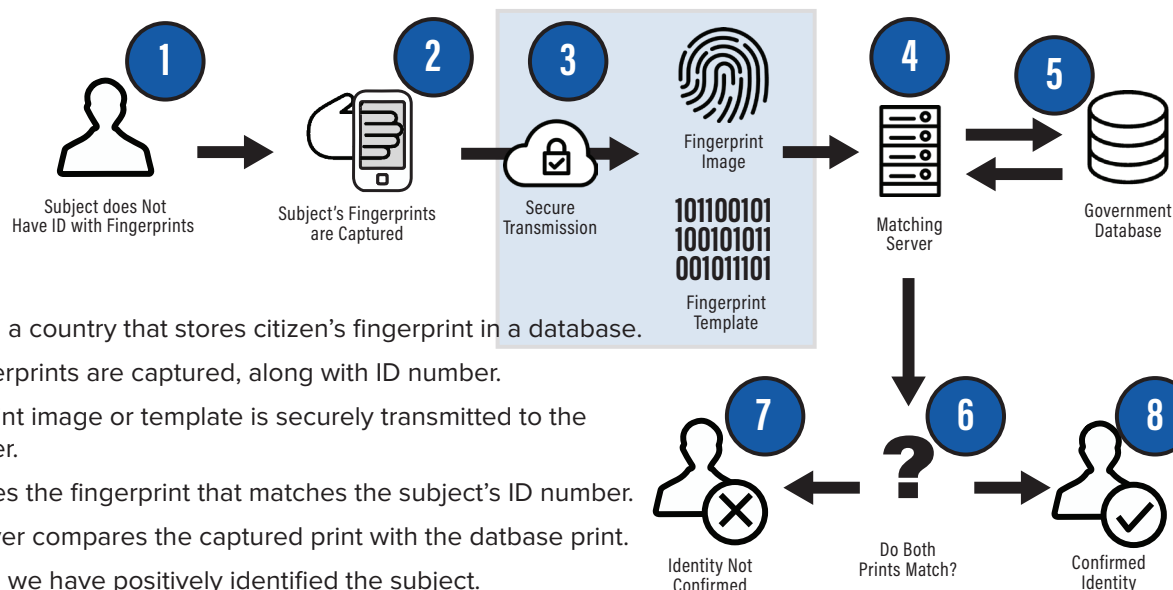
THE MOST WIDELY-DEPLOYABLE MOBILE FINGERPRINT BIOMETRICS SYSTEM AVAILABLE

**IDENTITY VERIFICATION IN COUNTRIES WHERE SUBJECT'S FINGERPRINT IS PRINTED ON NATIONAL ID CARD**



1. Our subject lives in a country that has a national identity card with the fingerprint printed on the card.
2. The image of the fingerprint is captured from the card.
3. The fingerprint(s) of the subject are captured.
4. ONYX attempts to match the two prints on device.
5. A YES/NO response is delivered to the app.
6. If the prints match, we have positively identified the subject.
7. If the prints do not match, the subject's fingerprint is not the same as the one on the card, and ONYX will not verify the match.

**IDENTITY VERIFICATION IN COUNTRIES WHERE SUBJECT'S FINGERPRINT IS STORED IN A NATIONAL DATABASE**



1. Our subject lives in a country that stores citizen's fingerprint in a database.
2. The subject's fingerprints are captured, along with ID number.
3. Either the fingerprint image or template is securely transmitted to the government server.
4. The server retrieves the fingerprint that matches the subject's ID number.
5. The matching server compares the captured print with the database print.
6. If the prints match, we have positively identified the subject.
7. If the prints do not match, the subject's fingerprint is not the same as the one on the card, and the matching server will not verify the match.