
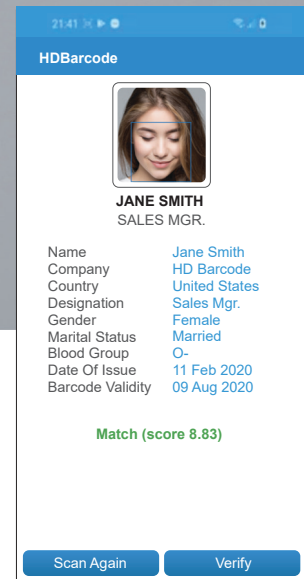
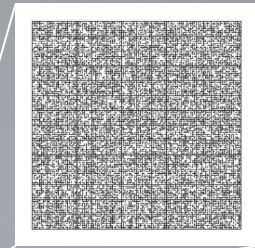


THE CLOUD IS IN OUR



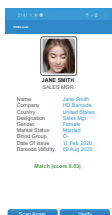
BARCODE™

POSITIVE IDENTIFICATION WITHOUT THE INTERNET OR A DATABASE



The TECH5 “Mobile First” solution is a unique combination of innovative technologies enabling cost effective Digital Identity management in support of Digital Onboarding and Authentication. The underlying TECH5 barcode technology is capable of storing biographical data, biometric templates as well as a highly compressed face image, all in an encrypted format.

TECH5 “MOBILE FIRST” TECHNOLOGIES



COMPLETE OFFLINE SOLUTION FOR YOUR MOBILE IDENTIFICATION NEEDS

for secure storage and multi-factor customer authentication.



HIGH DEFINITION BARCODE TECHNOLOGY WITH ERROR CORRECTION

to store complete personal data, a face image and biometric templates, all protected by data encryption.



FACE AND FINGERPRINT RECOGNITION TECHNOLOGIES

to capture face and fingerprint images and conversion into templates; authenticate a person within seconds against reference templates stored in the barcode.



PKI

to authenticate the barcode and make sure that only the authorized holder can unlock the data that is stored.



FACE IMAGE COMPRESSION ALGORITHM

to compress face images to 1 kilobyte size.

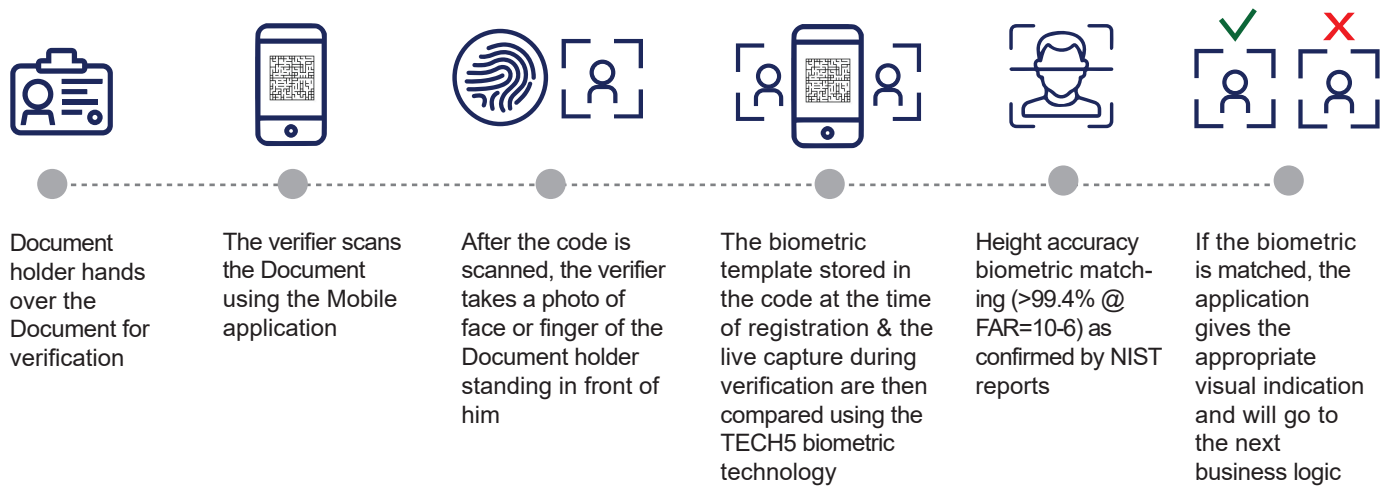


LIVENESS DETECTION SOFTWARE

to run liveness checks on face and fingerprint images captured with the mobile app.

PROCESS FLOW FOR VERIFICATION

Offline Verification using a mobile application created by PITL for face recognition of the document holder. The process laid down is as following



APPLICATIONS



GOVERNMENT
AND PUBLIC SERVICE



NATIONAL ID



EKYC FOR BANKING
AND RETAIL

BENEFITS



PRIVACY & SECURITY

- PKI enabled non-reputable secure code
- Hardware Security Module (HSM) based Digital Cryptogram generation
- Code is generated by the issuer at their location using the TECH5 Secure 2D Barcode
- Verification of the Code is completely offline and does not require access to the data issuer



COST EFFICIENCY

- Cost effective alternative to smart cards (no chip needed)
- Can be issued in both Print & Digital formats
- Only an offline device is required to securely read, decode & validate data. Typically, BYOD model, where there is no cost to the issuer for verification



SCALABILITY

- Unifies issuer & verifier on a global scale within minutes
- Fully integrated biometric modalities like face and/or finger
- The solution is designed to handle a very high volume of issuance operations

For more information please contact us

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