airtel

MANTRA
Innovation that counts

Faster customer on-boarding using an appropriate solution that provided effective compliance with KYC regulations.

Our client is a leading global telecommunications company with operations in 19 countries across Asia and Africa. They implemented our customer solution for faster on-boarding and effective compliance with KYC regulations.

The Challenge:

In most of the countries of Africa, regulators have mandated KYC in SIM registration processes before telecom companies can provide services to their customers. According to law, proof of identity and biometric details of each subscriber must be captured. The telecom service provider was facing challenges in streamlining their operations for this process.

The Solution :

We applied a biometric KYC process (Current system integration with biometric)

Buying a new sim card / upgrading new sim card (3G to 4G) / Replacement of Sim card, biometric data is legally mandatory, the telecom service provider system is used to acquire KYC information along with biometrics. The system allows the telecom service provider to capture necessary field data using a subscriber enrolment form, subscriber photo, POI, POA, and signature.

The MFS100 device captures the biometric information from the subscriber's finger. The telecom service provider system store documents locally (offline mode) on a PC, laptop, or notebook. So, even when there is limited network connectivity at the time of document capture, the agent can store the data and later upload it to the central KYC application server whenever network connectivity is established.

Operation:

With the NIRA KYC system, when a consumer visits Airtel's office to request a new connection or to verify their SIM card, then the Airtel representative uses our MFS100 biometric device for KYC. They use a NIN (National Identification Number) and take a fingerprint scan to verify the SIM card consumer's identity. All scanned fingerprints are encrypted are sent to the NIRA servers for verification. If this fingerprint matches the one provided at the time of NIN enrolment, then the individual is successfully authenticated, and the demographic data and photograph of the individual are released to Airtel for SIM card allotment.

Optical Fingerprint Sensor
MFS100

APPLICATIONS

- PC/Network security
- E-commerce
- Groupware
- Time and attendance system
- Smart card application
- Public application
- AFIS
- Health and Medical
- UIDAI Auth Application

FEATURES

- Lowest FAR and FRR
- Device Securely Sign The Biometric Data
- Plug and play USB 2.0 high speed interface supports multiple devices handling
- Support Aadhar Auth API Specification V2.0
- UIDAI Certified RD Service & PID block Encrypted with in RD Service
- 500 dpi optical fingerprint sensor scratch free sensor surface
- Supports Windows 7,8,10, Windows Vista, Windows 2000,Windows Server 2003/2007/2008,Linux, Windows ME, Windows 98 SE SDK, Libraries and Drivers support across all above Platforms. (32 Bit and 64Bit) Easy Integration on to production servers and application support

Certified