e-KYC (electronic Know Your Customer) Solutions











Our Mission

- Identify Resources Identify all resources like Manpower & Assets using Biometrics & RFID technologies
- Automate Processes Use Software to automate all processes involving these resources
- Track Everything Track your Resources & work to achieve optimum results

Company Profile

- Founded in Year Oct 2004
- Pioneer in Biometric Products & Applications in India.
- Largest channel network in India for distribution of Biometric Products
- Several Development & System integration projects in Middle East, Europe & African Markets
- Expertise in Biometrics, RFID(Active / Passive), GPS, GSM, GPRS, 3G technology integration & product development
- Expertise in Software Development on Desktop, Mobile & Web platforms with Windows/Linux/Android/IOS Operating systems
- Working on Various Identity Solutions including NewBorn and Child Identication, and Employee
 / Citizen Identification.
- Involved in Ahmedabad BRTS, providing Backend Server Processes.

What is e-KYC?

In India, customer needs to submit identity & address documents to several agencies to get the work done & this process of customer identification is known as "Know Your Customer"

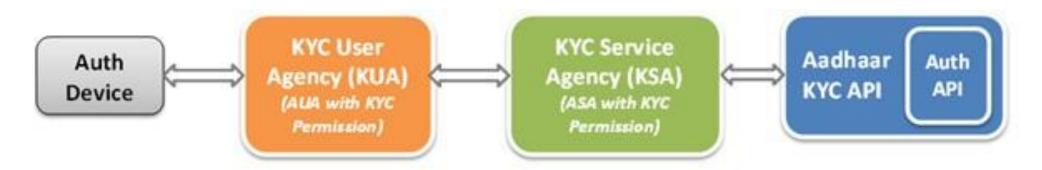
Aadhaar Based **e-KYC** (electronic Know Your Customer) eliminates complex, time consuming operations and provides agencies an electronic, paper-less KYC experience. by Using KYC API, one can carry electronic identity verification using biometrics/OTP- One Time Password (based on their choice) and obtain a digitally signed (by UIDAI) electronic identity document for storing within their system.

This paperless e-KYC makes entire process simpler and cost effective for both customers and agencies.

e-KYC Information Flow

e-KYC (electronic Know Your Customer) has the following data flow and high level logic:

- 1. KYC front-end application captures Aadhaar number and biometric/OTP(One Time Password) of resident in the encrypted form.
- 2. KUA pass this encrypted information to KSA
- 3. KSA forwards the KYC encrypted information to Aadhaar KYC API.
- 4. Aadhaar KYC service authenticates the resident and if successful responds with digitally signed and encrypted demographic and photograph format.
- 5. Demographic data and photograph in response is encrypted with either KSA or KUA as defined in the Aadhaar server (CIDR)
- 6. KSA sends the response back to KUA enabling paper-less electronic KYC

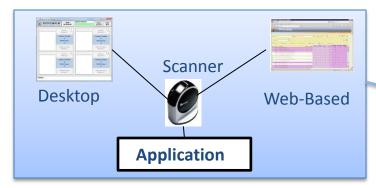


Who need e-KYC?

Aadhaar Based **e-KYC** (electronic Know Your Customer) can play important role in the following sectors:

- ❖ Banking Sector (Co-operative/National/Multi-National Banks).
- Financial Institutions.
- Telecom operators.
- Broking and Money Lending Sector.
- Employees (To verify employees)
- Government affiliated Organizations.
- Government Schemes like Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA), Public Distribution System (PDS), Food Subsidies, National Merit Scholarship Scheme(NMSS) and many more.

What We Offer?



Desktop/Web Based e-KYC



Android Based e-KYC



AUA

ASA

Aadhaar Authentication Server(CIDR)

What we Offer?

We Offers following three solutions for **e-KYC** (electronic Know Your Customer):

Desktop/Web Based e-KYC Solution has following components:

- 1. STQC Certified eNBioScan-C1 (HFDU08) Fingerprint Scanner.
- 2. e-KYC Application
 - 2.1 Desktop Based Application.
 - 2.2 Web Based Application.
- 3. Installation and Training
- 4. One Year Maintenance and Support.

Android Based e-KYC Solution has following components:

- 1. STQC Certified eNBioScan-C1 (HFDU08) Fingerprint Scanner.
- 2. e-KYC Android App.
- 3. Installation and Training.
- 4. One Year Maintenance and Support.

Hand-Held Terminal(HHT) Based e-KYC Solution has following components:

- 1. Hand Held Terminal(Included STQC Certified eNBioScan-C1 Fingerprint Scanner)
- 2. Installation and Training.
- 3. One Year Maintenance and Support.
- 4. SIM (GPRS) Charges extra

Hardware Specification

Trans-V1 Handheld Terminal Specification

PARAMETER	SPECIFICATION
CPU	32-bit
MEMORY	24 MB (Flash & SDRAM)
DISPLAY	128*64 pixel LCD with LED backlight
KEYPAD	20 Keys(10 alphanumeric ,9 function & 1 power key)
MAGNETIC CARD READER	Track 1,2,3, bi-directional swippable, standards IS7811,ISO7812
IC CARD READER (OPTIONAL)	EMV Card reader
PSAM SLOT	PSAM : 2 Slots
COMMUNICATION	GPRS (WiFi Optional)
REMOTE DOWNLOAD	FTP support
PERIPHERAL PORT	RS-232
LANGUAGE	English
POWER SUPPLY	Input: 10 to 240VAC 50Hz /60Hz ; Output: 12V DC , 3A
LI-ION BATTERY	2000mAH 35 hr standby time supports upto 400 transactions
WORKING ENVIRONMENT	Temperature: 0°C to 50° (32°F to 122°F); Humidity: 10% to 90% (non-condense)
STORAGE ENVIRONMENT	Temperature: -20°C to 60° (-4°F to 140°F); Humidity: 5% to 95% (non-condense)
CERTIFICATION	CCC ,CE,FCC ,UL,RoHS,PCI,PED,EMV



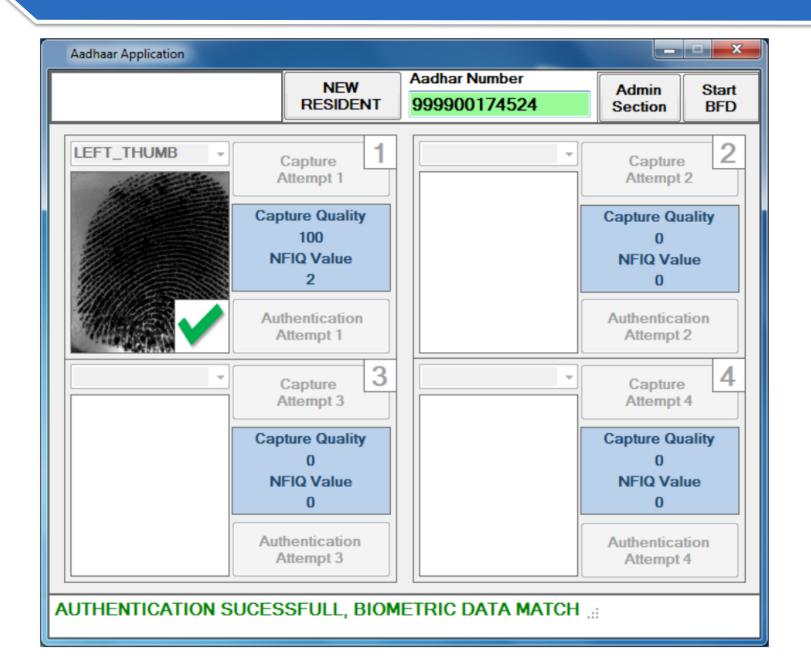
eNBioScan-C1 Fingerprint Scanner Specification

PARAMETER	SPECIFICATION
SENSOR TYPE	Optical
IMAGE SIZE	260 x 330 pixels
IMAGE ACQUISITION TIME	Full Speed : Avg. 500 msec. High Speed : Avg. 130 msec.
RESOLUTION	500 ± 10 [PPI]
PLATEN AREA	16 mm (x) x 18mm (y)
SENSING AREA	13.2 x 16.8 mm
COMMUNICATION PORT	USB 2.0, Plug & Play
POWER SOURCE	USB BUS Power
ENVIRONMENTAL CONDITION	Operating Temperature: -20~60 °C Operating Humidity : < RH 90%
PC REQUIREMENT	Window series: Window 7, Vista, XP, 2000 Window CE 5.0, 6.0, Server 2003, 2008 Linux series: Kernel Version 2.6.x or above
AUTHENTICATION/VERIFICATION TIME	Less than 1.5 sec
FALSE REJECTION RATIO	< 0.001%
FALSE ACCEPTANCE RATIO	< 0.0001%
CERTIFICATIONS	STQC,FBI PIV, FIPS201, WHQL, KC, FCC, CE, RoHS, UL.

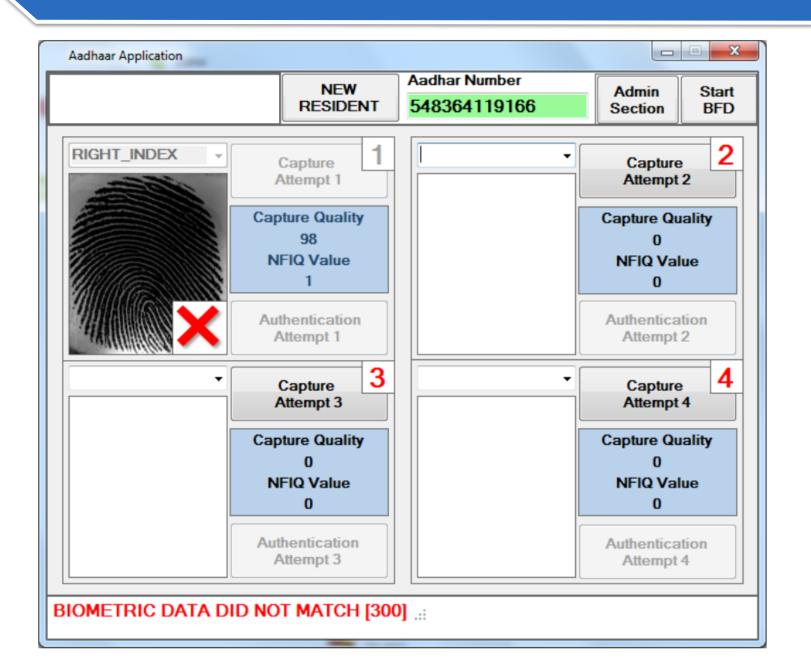


Software Snapshots

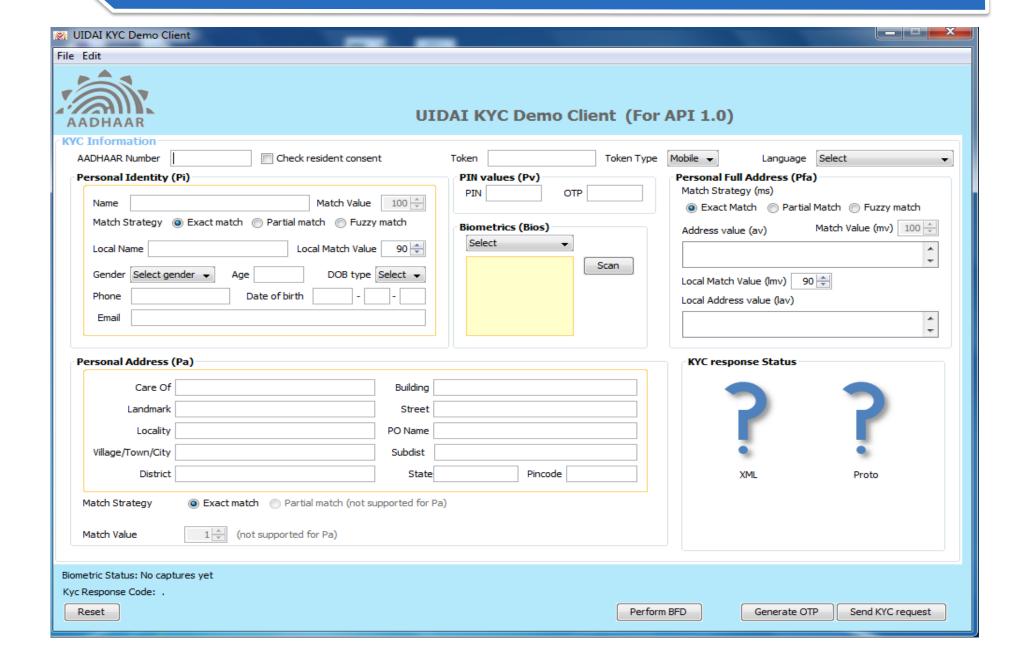
Aadhaar Authentication - Successful



Aadhaar Authentication – Failed



UIDAI e-KYC Application



UIDAI e-KYC - Successful



Software Products

Click following links to see more details about our other products

- **1.Enterprise Identity Manangement Server**
- 2.Enterprise Physical Access Manager with Employee Monitoring and Attendance system
- **3.Facial Based Attendance System**

Thank you

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