MANTRA

Innovation that counts

YOUR DIGITAL IDENTITY

AADHAAR

18% new TAX PAYER are addedd

Indian govt save $9 bn

140 Million PANs Linked To Aadhaar

AADHAR OVERVIEW

In just four years, Aadhaar, also known as India's "Unique Identification Number", has registered the identity of **1+billion** **of its citizens,** with both the said **12-digit number** and biometrics elements.

A 12-digit unique identification number, strengthened by a fingerprint and iris scan of citizens for increased authenticity and security

Aadhaar in digital india

Online Identity

Cradle to grave, digital, authenticateable identity (Aadhaar)

Electronic Documents

Easy online electronic payments (Unified Payment APIs)

Electronic Signature

Biometric enabled digital signature (E -Sign)

Electronic Payments

Verifiable, online accessible, electronic citizen documents stored and

E-Gov Service Delivery

All citizen services to be electronic and online

BUSINESS PROBLEM

India had major problems in identifying beneficiaries for social programs.

A significant proportion of residents lacked formal identity credentials, and many of those who had credentials possessed ones that were only recognised locally. Inadequate identity records and verification processes meant that government agencies frequently distributed social welfare benefits to the same people multiple times, or to people who did not qualify.
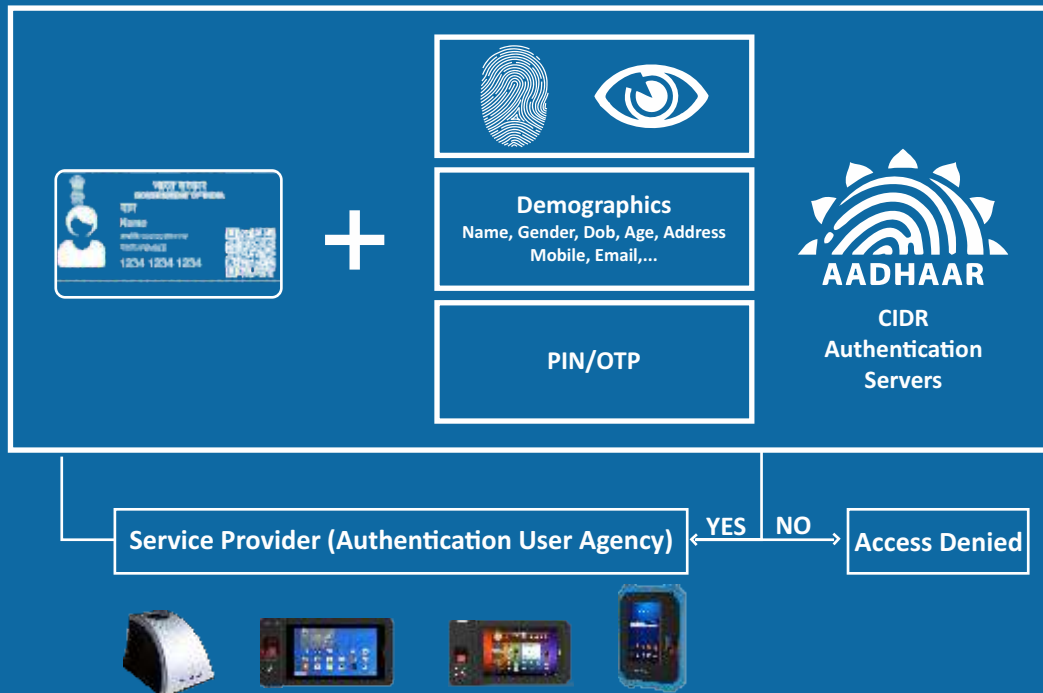

Many Indian residents today have several forms of identity for different purposes, such as a voter ID card, a ration card for accessing the public distribution system, a Permanent Account Number (PAN) card for tax registration, a driver's license, and a passport. The application and verification process for each of these IDs is different and procedurally complex. Indian government need a single window system which allows a more accurate picture of Indian residents and their access to and use of public services.

SOLUTION

The beneficiary will keep his finger on the Biometric handheld device, their Aadhar number is entered and each finger is scanned using Mantra MFS100 device. The data is sent to Aadhar server to know the best finger of the beneficiary. The Hand handle device receives the data from the Aadhar server and is printed. This finger is always used by the beneficiary to avail various benefits at Fair price shops, at Banks, in National Rural Employment Guarantee Scheme in the form of commodities or cash.

Authentication at a glance

Demographics
Name, Gender, Dob, Age, Address
Mobile, Email,...

PIN/OTP

AADHAAR
CIDR
Authentication
Servers

Service Provider (Authentication User Agency) ⟷ YES | NO ⟶ Access Denied

Benefits

1) The beneficiary uses his Aadhar card for various Aadhar enabled payment solutions and avail. All the transactions are recorded in the device as well as in the central server. A real-time Receipt is given to the beneficiary after the cash collection.

2) With Aadhaar-enabled KYC system, you would visit a bank with an Aadhaar certified biometric terminal (basically a mobile phone or a tablet or a PC with a fingerprint scanner and an Internet connection i.e. Mantra MFSTAB, mDesk7). Type in your 12-digit Aadhaar number and put your finger on the fingerprint scanner. Your fingerprint is encrypted and sent to the UIDAI servers for verification. If your fingerprint matches the fingerprint provided at the time of enrollment, you are successfully authenticated, and your demographic data and photographs are released to the bank.

3) Aadhaar-enabled automatic weighing of the rations, which is tied directly to the current handler's Aadhaar identity. If the weight is not accurate, the transfer of goods cannot take place and the identity of the handler is known. To mitigate abuse at the beneficiary end, each fair price shop is equipped with digital point-of-sale devices (Mantra POS system) used by shop employees to authenticate beneficiaries using their fingerprints or Mantra iris scans .The device links to the Aadhaar database via a mobile, Wi-Fi or cabled internet connection, and then verifies the beneficiary's identity and eligibility.

ADVANTAGES :

1. The beneficiary always places his best finger first for any transaction. This reduces the authentication attempts and hence the transaction time.
2. Online authentication of the fingerprints as per UIDAI, authorized API can be done
3. Mantra has more than 50+ service centers across India
4. Own R&D facilities for developing a custom product as per need
5. Online RD service for registering your device
6   On-call support for customer

Devices Used

Biometric: 100000 MFS100

POS : 200+ mterminal

Clients support

Government Sector / Subsidiaries
Banking Financial Institutions
Telecom Industry

MAKE IN INDIA

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