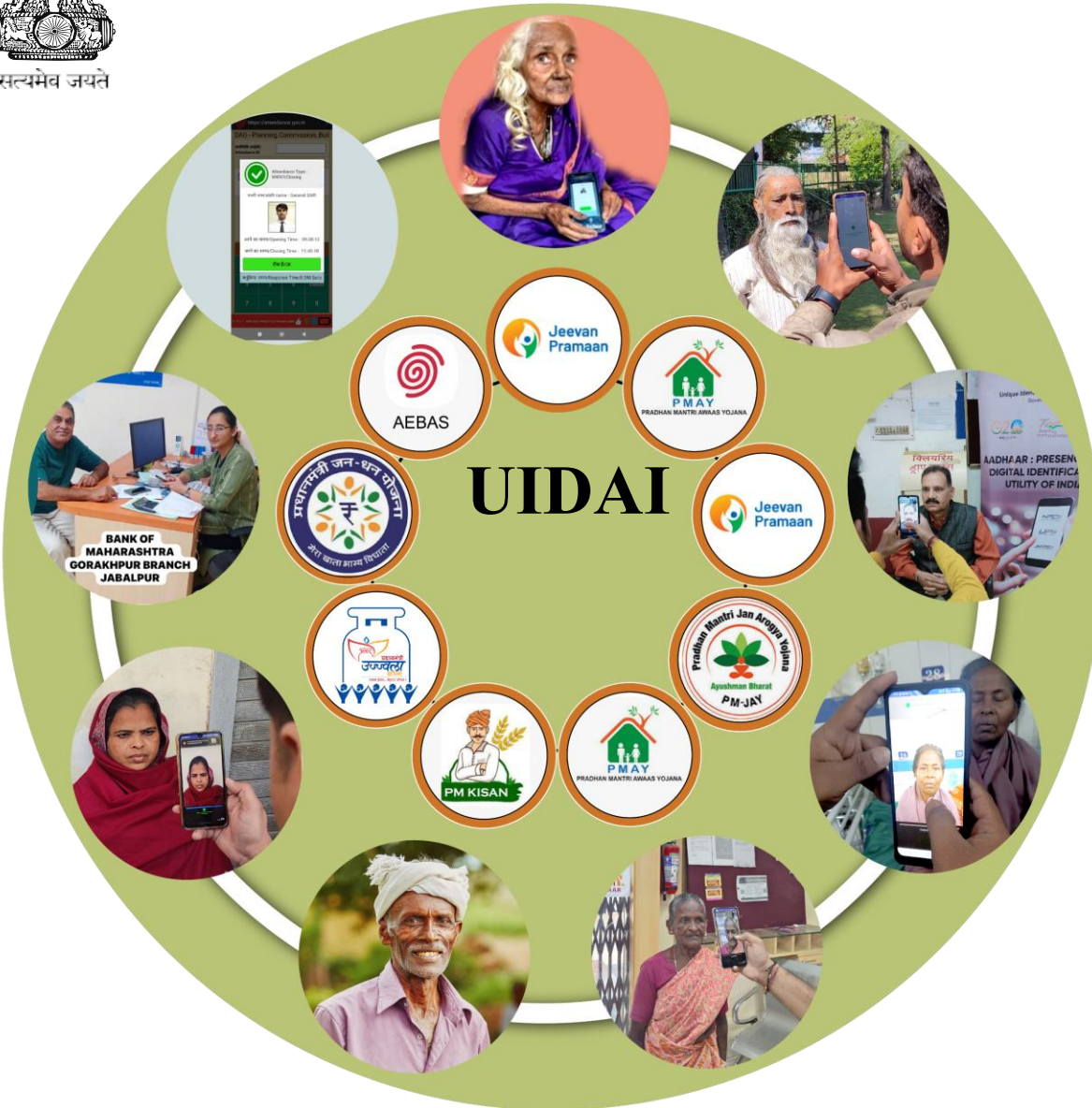




सत्यमेव जयते

Unique Identification Authority of India
Government of India



Aadhaar: Touching Lives With Face Authentication

Ease of living | Ease of use | Digital enablement

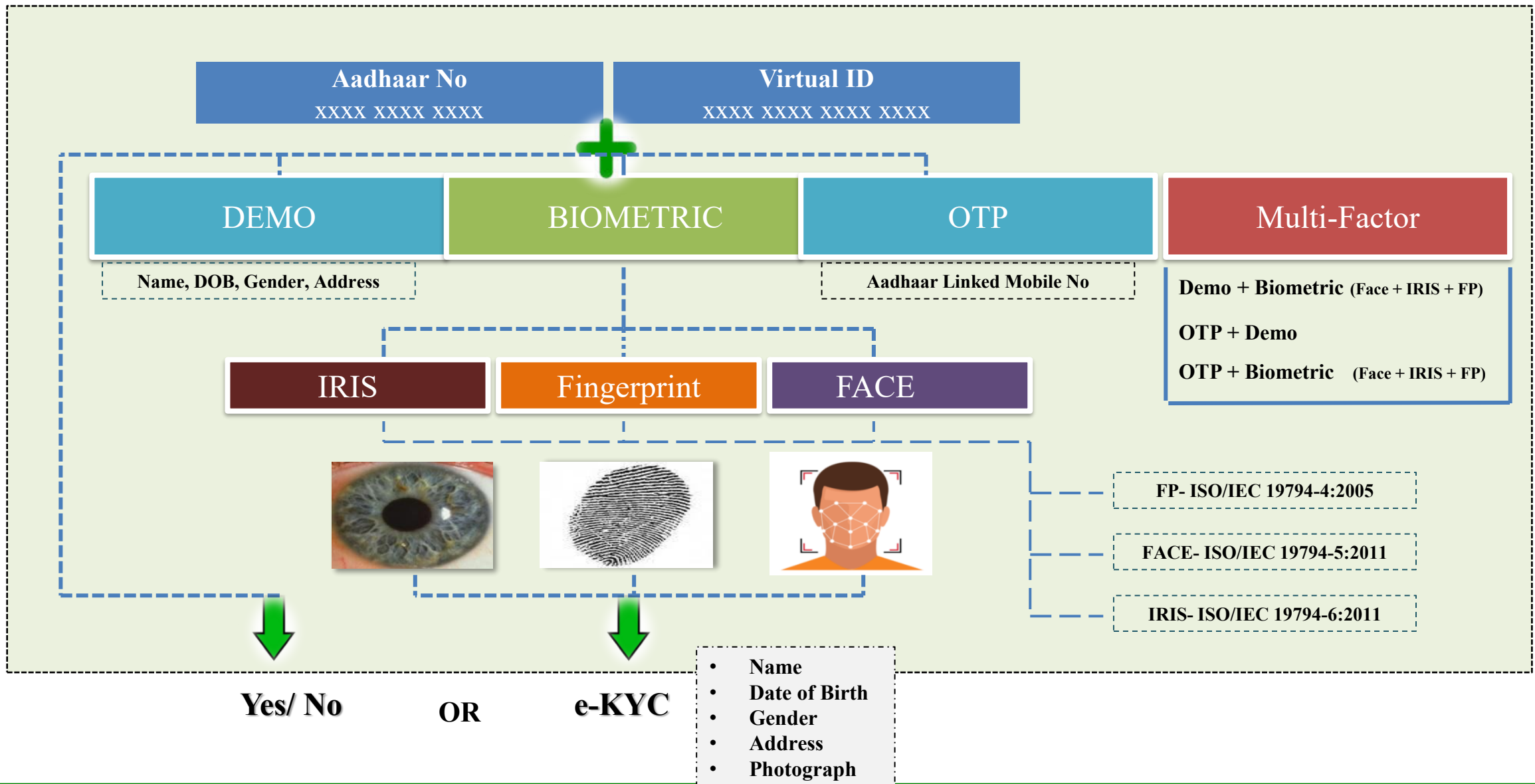
Abhishek Kumar Singh
Deputy Director General,
UIDAI
Patna : 11.9.2025

Flow of Presentation



- Aadhaar authentication at glance
- Introduction to Face authentication
- Adoption of face authentication
 - within and outside government

Types and Modes of Authentication



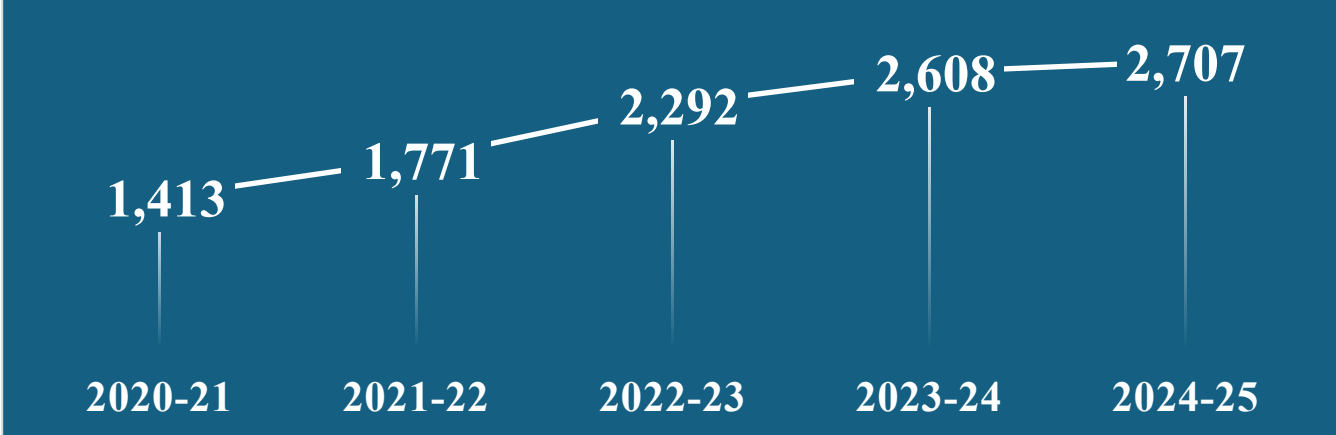
Aadhaar Authentication: Key Figures



Authentications since inception

➔ **16,000 Cr**

AUTH TRANSACTIONS OF LAST 5 FYS (CR)



← Avg. growth rate in last 5 Fys **18%** ↑ →

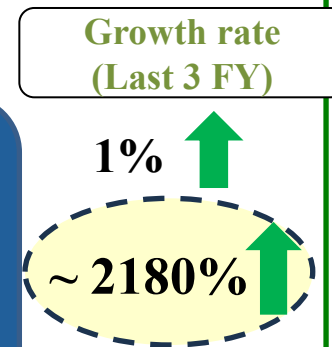
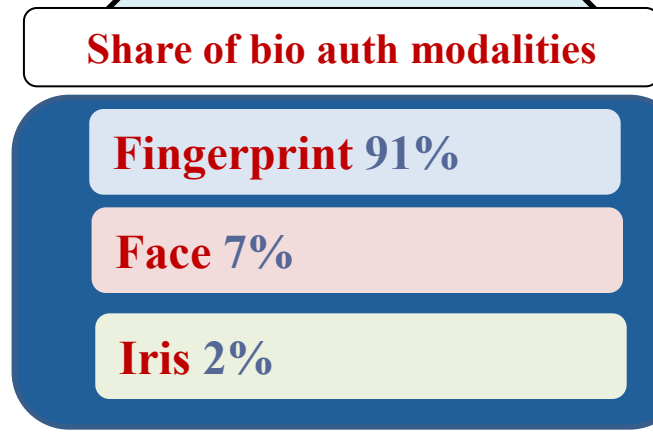
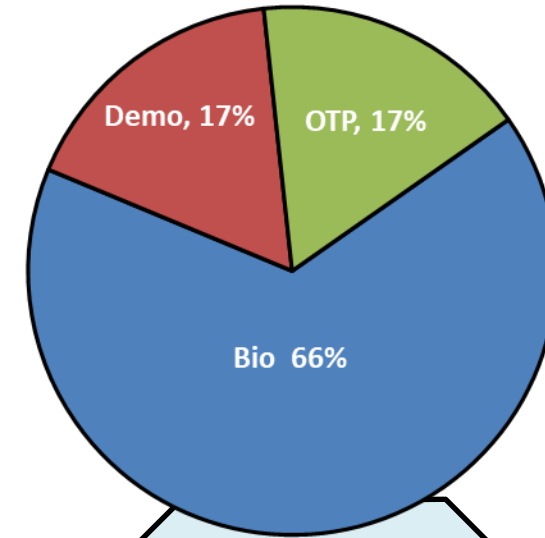
9 Cr
Authentications/day

1.3 Cr
e-KYC / day

66%
Bio modality share

13.5 Cr (on 10.1.25)
Peak load handled

% share of Auth Modalities



Aadhaar-based DBT Savings



Over 3,200 DBT schemes

(2013-2025*)

Overall DBT Payments ₹ 45.93 Lakh Crores*

₹ 3,50,000 Crore Savings

* Till 9.9.2025

MGNREGA

Elimination of Fake/Ghost
Job card accounts

7.1 Lakh ↓

Savings ₹ 42,534 Crore ↑

(upto March 2023)

PAHAL

Elimination of Duplicate
Beneficiaries

4.15 Crore ↓

Savings ₹ 73,443 Crore ↑

(upto March 2023)

PDS

Elimination of
Duplicate/Fake Ration cards

5 Crore ↓

Savings ₹ 1,85,573 Crore ↑

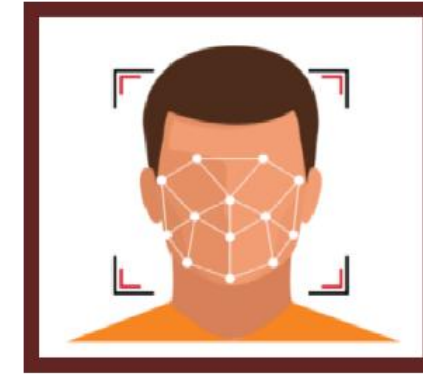
(upto March 2023)

Why the need?

- Damaged fingerprints
 - Old age
 - Labourers
 - Medical issues
 - Missing fingers
- **High failure rate**
- How to authenticate during Covid – 19??



Face Authentication: Problem Statement Addressed



- ✗ Anytime (only Business Hours)
- ✗ Anywhere (Operator Premises)
- ✗ specific authentication devices (scanners)

Mobile OTP- based auth



- ✓ Anytime
- ✓ Anywhere
- ✗ Secure Auth (Risk of fraud)

- ✓ Anytime
- ✓ Anywhere
- ✓ Entry-level smartphone enough!

What it enables?

- Touchless authentication
- Enhances inclusivity
 - Old age
 - Labourers
 - Unclear fingerprints!
- Multiplies Accessibility
 - Devices ecosystem expansion
 - 40 lakhs to 64 crores
 - Smartphone is your authentication device

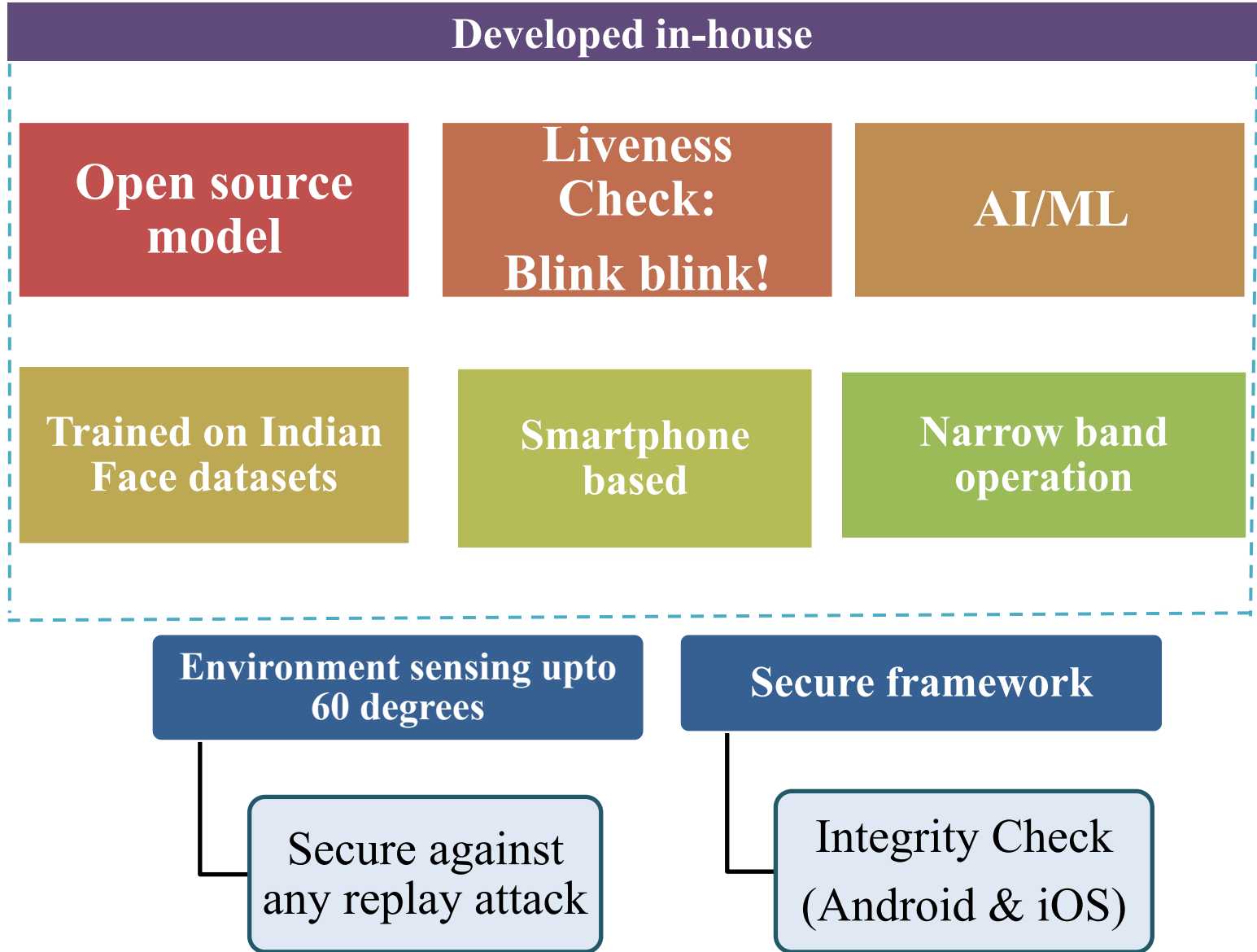


Mrs Lourd Mary.
Age: 95; pensioner
Generated DLC using Face Auth.
8

Made in India, for India



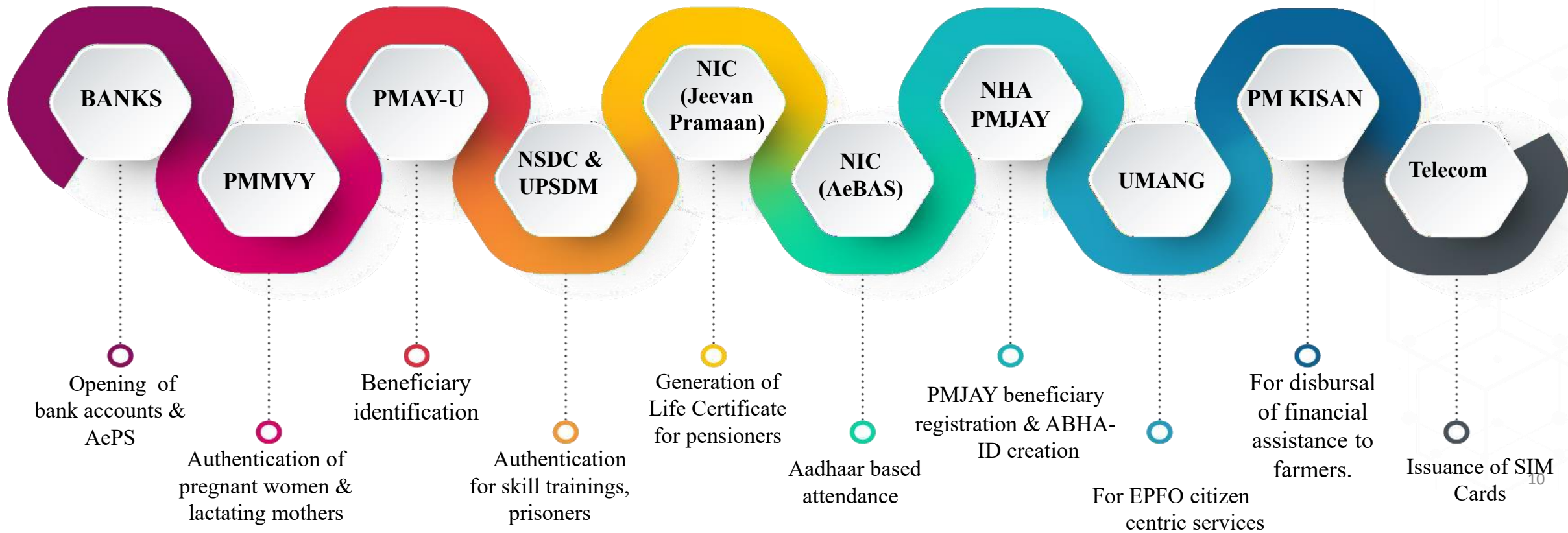
Available on



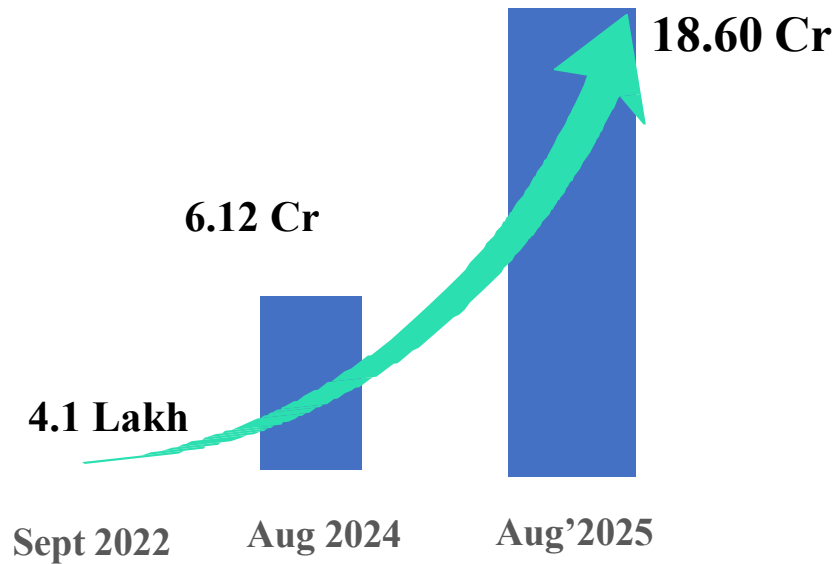
Face Authentication: Adoption at a glance



153 requesting entities
>50 lakh transactions per day.



Face Authentication: Ecosystem



Centre	State
34 Ministries/Dept	46 Dept
69 BFSI entities	4 TSPs

215 Crore +
Face Authentication transactions

- Highest *monthly* transaction : **19.34 Cr** (July'2025)
- Highest *daily* transactions: **1.50 Cr** (1st Sept. 2025)

Face Authentication: Digital Life Certificate



▪ **52.73 lakh** DLC (Nov '24) through Jeevan Pramaan.

Benefits:

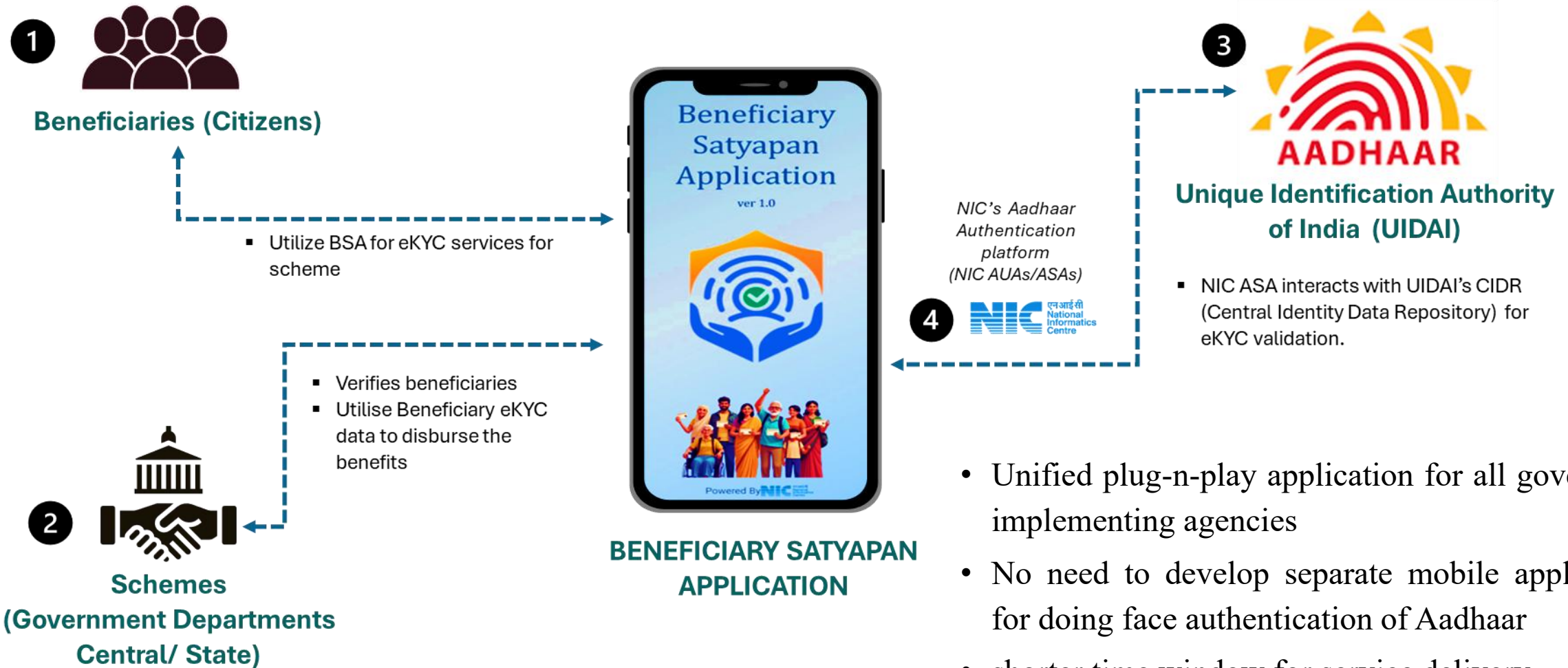
- Facilitates elderly and infirm
- No more visits to the banks
- Generates Digital Life Certificates from the comforts of their homes

Year-on-year growth of DLC based on face auth (in lakhs)



95 years old Mrs Lourd Mary performed Face Authentication to generate DLC in Chennai

Beneficiary Satyapan App: Use of Face Authentication



- Unified plug-n-play application for all government implementing agencies
- No need to develop separate mobile applications for doing face authentication of Aadhaar
- shorter time window for service delivery
- Android & iOS

Beneficiary Satyapan Application



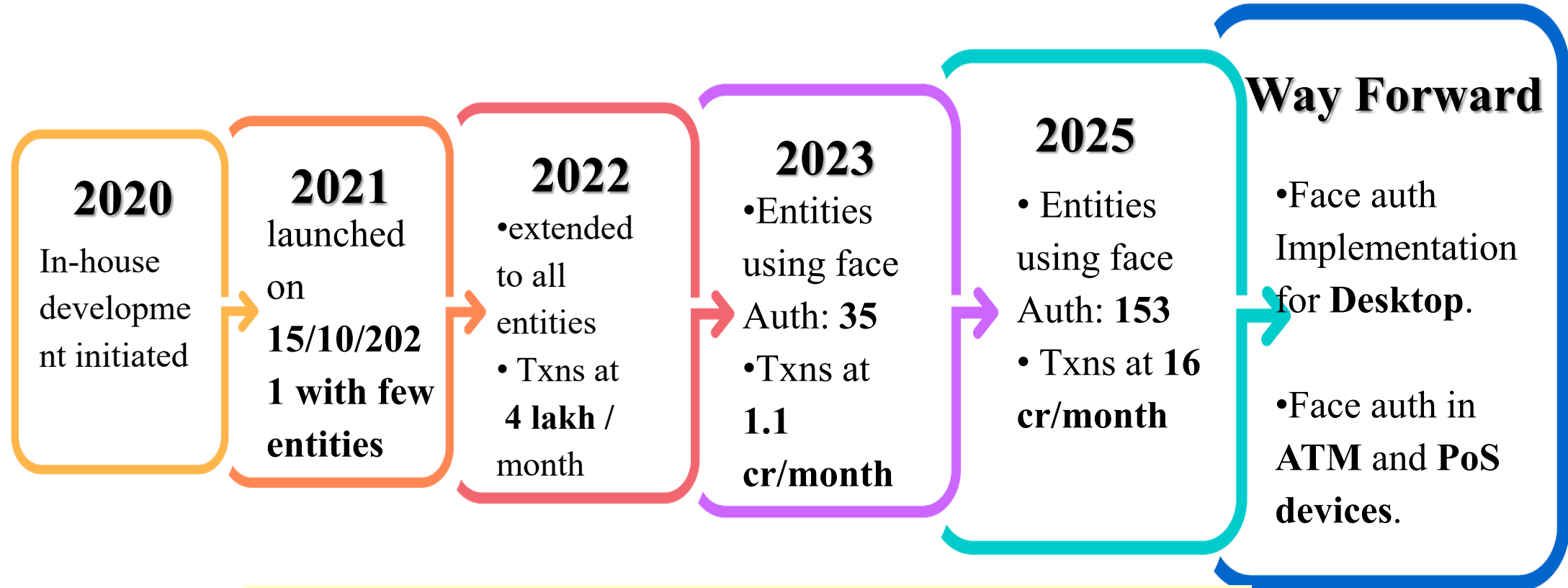
- National Social Assistance Programme (NSAP), MoRD
- onboarded on BSA,
- 90% transactions through Face Authentication.

Month	Total	Face
July'2025	11,35,856	10,71,576
August'2025 (till 25.08.2025)	7,54,835	7,18,835
	18,90,691	17,90,411

pipe-line for onboarding on BSA

Indian Army – ECHS	Unique Disability ID (UDID)
Indian Army – Recruitment	GST Exception Certificate Scheme (GECS) of MHI
Social Security Pension – Haryana	JIYO Parsi Scheme of Minority Affairs
Social Security Pension – Chandigarh	MWCD – Pradhan Mantari Matru Vandana Yojana
Assam – Finance Department	Department of Social Justice Gujarat

Face Authentication: Journey



Continuous improvements in the application:

- Improved AI/ML solution to strengthen the liveness check.
- Reduction in capture time.
- Smooth integration with entity application.



सत्यमेव जयते

लोक प्रशासन में उत्कृष्टता के लिए
प्रधानमंत्री पुरस्कार, 2023

श्रेणी : नवाचार - केन्द्र
के अंतर्गत
भारतीय विशिष्ट पहचान प्राधिकरण, भारत सरकार
की
“फेस ऑथेंटिकेशन”
टीम को
प्रदान किया गया

PRIME MINISTER'S AWARD
for Excellence in Public Administration, 2023
Presented
under the category : Innovation - Centre
to the
Team - “Face Authentication”
of
Unique Identification Authority of India
Government of India

नई दिल्ली
दिनांक: 21 अप्रैल, 2025
New Delhi
Date: 21 April, 2025


नरेंद्र मोदी
भारत के प्रधानमंत्री
NARENDRA MODI
Prime Minister of India

PM's Award for Excellence in Public Administration





Mera Aadhaar, Meri Pehchaan

Face Authentication Empowering Residents Digitally

