

# UIDAI's 'Invisible Shield' — India's AI-Powered Biometric Deduplication for a Billion-Plus Aadhaar Identities

AI in the Public Sector · Good practice · India

Quality score: 53/100

Evidence strength: Descriptive / self-reported

## Summary

UIDAI's new 'Invisible Shield' AI system matches fingerprint, face and iris data against India's 1.3-billion-record Aadhaar database to catch duplicate enrolments. Rolled out from Feb. 2026, still expanding state by state, with no independently audited accuracy figures yet.

## Key dimensions

| Dimension                                  | Score |
|--------------------------------------------|-------|
| Evidence of impact / measured public value | 1/3   |
| Transparency, fairness & accountability    | 1/3   |
| Transferability / demonstrated replication | 1/3   |
| Scalability beyond pilot                   | 3/3   |
| Governance, capability & sustainability    | 2/3   |

Evaluated by C-NAPSE

## Data sources

[C-NAPSE web research](#) — accessed 2026-08-07

[Unique Identification Authority of India \(UIDAI\)](#) — accessed 2026-08-07

[Press Information Bureau, Government of India](#) — accessed 2026-08-07

[The Statesman](#) — accessed 2026-08-07

[Biometric Update](#) — accessed 2026-08-07

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