



THEME:

Connected by Design: *Advancing
Somalia's Digital Infrastructure
and Integrated Public Services*



September
19 - 24, 2026



**Mogadishu
Somalia**

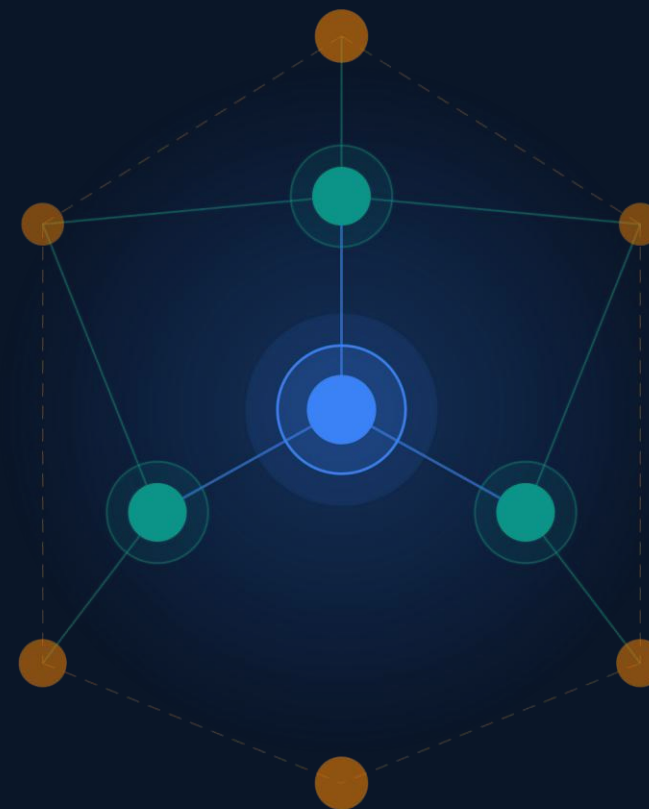
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Building the Trust Layer

for Somalia's Digital Public Infrastructure

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OPENING QUESTION

**If your identity data
was accessed yesterday —
would you know?**

Would you receive a notification? Would there be a log you could check?
check? Would there be someone you could call?

THE FOUNDATION IS REAL

Somalia has crossed a threshold.

1.5M+

+

citizens enrolled

in the Hubiye eKYC national
identity platform

47%

**of enrollees are women
women**

inclusion built into the
programme from the start

25+

**institutional integrations
integrations**

including all 13 commercial
commercial banks in Somalia
Somalia

\$4.2M
M

in verified fiscal savings

documented through eKYC-
eKYC-enabled verification

The rails are there. The question is: what runs on them safely?

Trust is not one thing. It is three.

▲ Harder
to build

03 — SOCIAL TRUST

Visibility, correction and redress

Can I see my record? Can I fix it? Can I challenge decisions about me?

02 — LEGAL TRUST

Governance, oversight and accountability

Is my data protected? Is there an independent body that can investigate and remedy?

01 — TECHNICAL TRUST

PKI · digital signatures · audit logs · secure APIs

Can I verify who I am talking to? Can a transaction be proven, traced, and audited?

Foundation
layer ▼

LEARNING FROM OTHERS

Three countries. Three lessons.

Estonia

Trust means accountability you can read.

India · Aadhaar

Open architecture and consent trails build trust at scale.

Rwanda · Irembo

People trust what works for them in daily life.

ESTONIA

LESSON 01

"Trust means accountability you can read."

Estonian citizens can log into a portal and see every institution that has accessed their data — when, why, and on what authority.

Transparency is not a nice-to-have. It is what what turns a database into a civic resource. resource.

For Somalia: every data access event should generate a readable, citizen-viewable record.

Identity Data Access Log — Citizen Portal			
Date	Institution	Purpose	Status
23 Sep 2026	Hormuud Telecom	SIM registration	Authorised
22 Sep 2026	Salama Bank	Loan application	Authorised
15 Sep 2026	Ministry of Health	Patient check-in	Authorised
01 Sep 2026	NIRA	Annual verification	Authorised

Showing 4 of 12 access events this month. [View full log →](#)

A single identity layer can become an entire economic platform.

IDENTITY INPUTS

Biometric Capture

fingerprint, iris, face — 1.4 billion enrolled

Demographic Data

name, date of birth, address

Mobile Linkage

OTP-based authentication at scale



Aadhaar UIDAI Core

One number. Verified everywhere.

The identity layer became the trust anchor for an entire digital entire digital economy — the India Stack.



INDIA STACK SERVICES

UPI Payments

14B+ monthly transactions

DigiLocker

verified digital documents for every citizen

Direct Benefit Transfer

USD 300B+ transferred, near-zero leakage

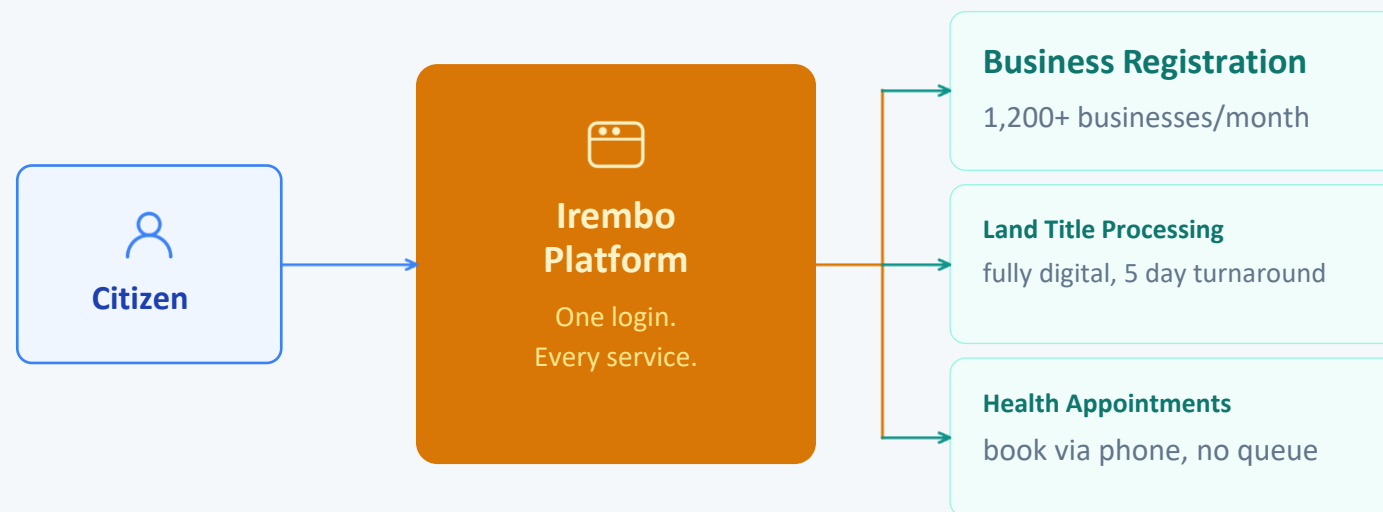
"People trust what works for them in daily life."

Irembo is a single gateway: one login, one interface, every government service. Citizens renew driving licences, register businesses, and book hospital visits — from their phones.

When the platform works reliably, trust in the underlying identity system rises automatically.

For Somalia: utility builds social trust faster than communication campaigns alone.

SERVICE GATEWAY MODEL



Three building blocks for the trust layer.



01 — TECHNICAL

National PKI Framework Framework

A root certificate authority, cross-sector trust anchors, digital signature standards, and a public key infrastructure infrastructure that every institution can verify against.

Key action: Establish a national root CA and digital signature policy for all government-issued transactions.



02 — GOVERNANCE

DPA from Text to Practice Practice

Somalia has a Data Protection Act. The gap is implementation: an operational regulator, breach notification procedures, and cross-agency accountability frameworks.

Key action: Stand up the data protection authority with dedicated technical capacity capacity and enforcement mandate.



03 — SOCIAL

Inclusion and Redress

Citizens must be able to see, correct, and challenge their records. Access must reach rural, nomadic, and low-literacy populations in Somali language interfaces.

Key action: Citizen-facing correction portal, Somali-language support, and a community-based grievance mechanism.

A CALL TO THIS ROOM

This community builds the trust layer.

Network engineers, system architects, protocol designers — every technical decision is also a governance decision.

Design for auditability

Build logging into systems from day one. Audit trails are a citizen right, not an afterthought.

Champion open standards

PKI, open APIs, interoperable protocols. Proprietary black boxes cannot be trusted, audited or improved.

Advocate in the room

When procurement happens, when policy is drafted — you are the people who know what is possible and what is dangerous.

"Every line of code is a governance decision."

CLOSE

Somalia built the infrastructure that works.

Now let us build the infrastructure
that is trusted.

Thanks