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Towards a sovereign, digital, agentic government

A blueprint for the digital government operating system



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Empowering National and Local Government

42

National Governments

3,800

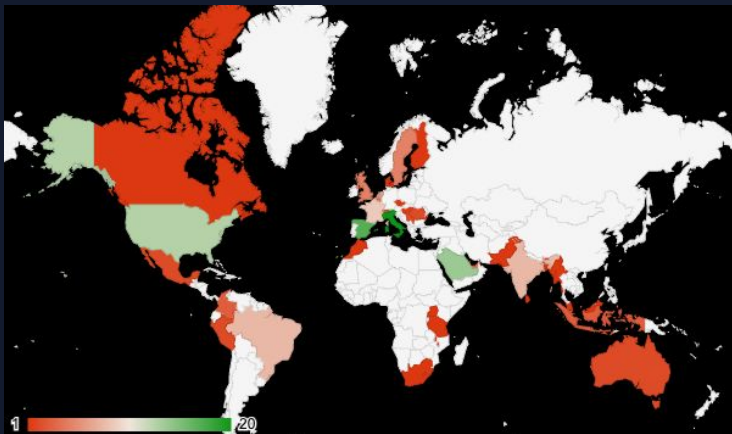
Local Govt Agencies

19

National ID Deployments

2.8 bn

Citizens Served



Proven Use Cases

Smart City

Vaccine Management

City & Govt Tax

Utilities Management

Citizen Portal

Citizen Identity

Data Exchange

Vehicle Registration

Company Registration

Border Control

Revenue Platform

Digital Wallet

Open Data

G2G, G2C IAM

Sovereign Infrastructure



The Sovereign Government Operating System



Sovereign Govt. Digital Identity and Access Mgt.

Digital Identity, Citizens Access Management, and Govt. Workforce Access Management for local, sectoral and national governments.



Govt. Data Exchange

Government interoperability for inter and intra government agency's data exchange, at local, sectoral and national government level.



Citizen Services

Government interaction with citizens via Citizen's Portal, CKAN based open data, and API Platforms.



Sovereign Clouds and Sovereign AI

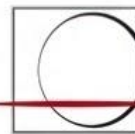


OLF DECENTRALIZED TRUST



Digital Identity in Government

to allow citizens to securely access government services, ensuring compliance with regulations, improving trust and creating better experiences.



POLIGRAFICO
E ZECCA
DELLO STATO
ITALIANO

 **33 million+**
Citizens onboarded

 **60%**
Reduction in authentication times

The IT Wallet has transformed digital identity verification in Italy, with **33+ million citizens onboarded**, enabling faster and secure access to public and private services. Authentication times have been cut by over **60%**, **reducing operational inefficiencies**





Sovereign Govt. Digital Identity and Access Mgt.



Digital Identity

A legal assertion of personhood and foundational identity issuance. Single source of truth for citizen identity.



Citizen Access Mgt. (G2C)

Managing access for residents to portals, wallets, and local services. Offered centrally or through govt and private services.



Workforce Access Mgt. (G2E)

Internal access and role-based permissions for government employees.



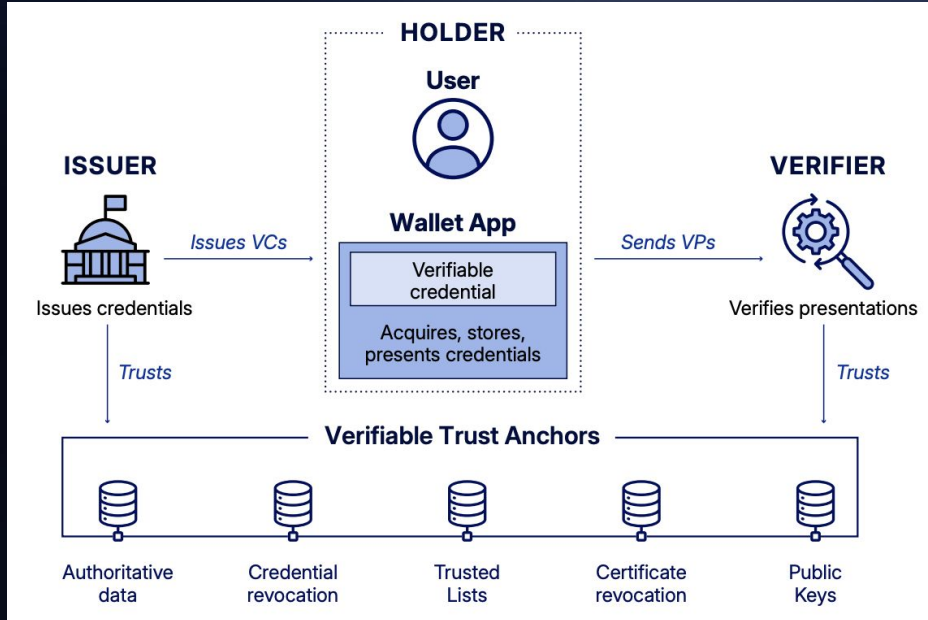
Organization Access Mgt (G2G | G2B)

Secure access for regulated entities and private enterprises to state platforms.





Wallet based decentralised ID and services



OpenID for Verifiable Credential Issuance and Verification

- Alignment with Wallet initiatives
- Digital wallets are the enabler for digital ID, data sharing, digital payments, and digital signatures
- Goals to democratise government services, bridging offline access, selective disclosure etc.



MOSIP & WSO2 Collaboration

Modernizing Open-Source National Identity Authentication



Empowering Lives One Unique ID at a Time

MOSIP offers countries **modular** and **open-source** technology to **build** and **own** their national identity systems.

<https://www.mosip.io/>

- MOSIP provides technical guidance, the technology stack, and proven reference implementations to build national scale identity systems.
- MOSIP is deployed in national ID programs across Africa, Asia, and Pacific regions
- MOSIP is working with WSO2 to embed WSO2's Identity Platform to power MOSIP capabilities. MOSIP's eSignet 2.0 will be built on WSO2

HOW IT FITS THIS SOLUTION

Countries running MOSIP for foundational ID can use eSignet (powered by WSO2) as their authentication layer. A complete open-source ecosystem: MOSIP for registration, eSignet + WSO2 IS for authentication, local infrastructure.

Government data access

The Ugandan government leveraged the WSO2 platform to build a digital backbone that serves both the public and private sectors. This digital public infrastructure (DPI) was developed to enhance government efficiency and facilitate better citizen interactions, ensuring that no one is left behind in the digital transformation process.

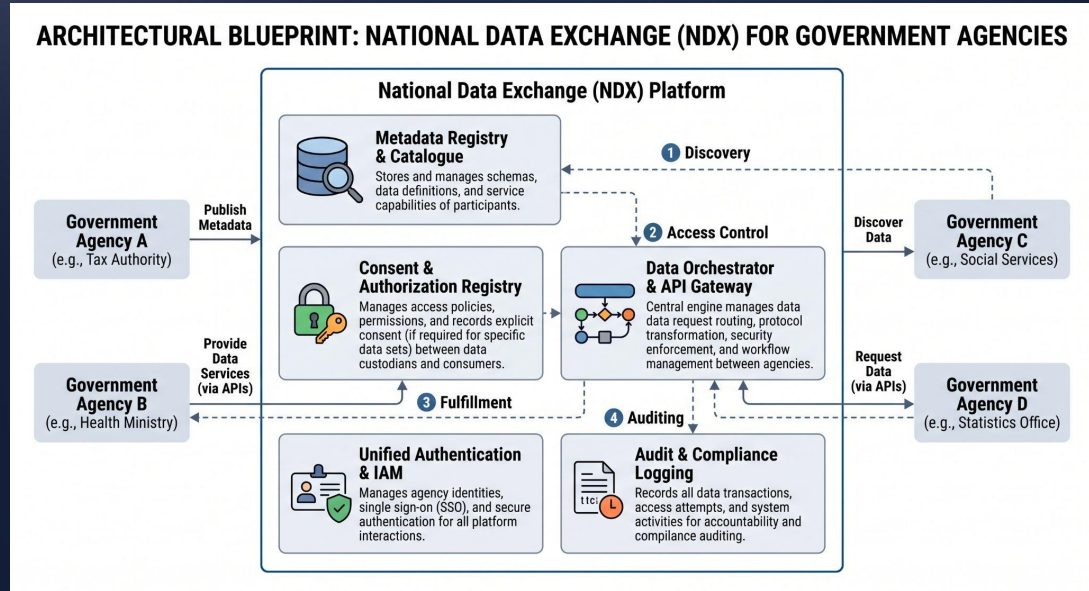


capabilities are used to expose and manage APIs securely, enabling third-party developers to innovate, build applications improve speed to market by enabling public, open data access.



Government National Data Exchange (NDX)

- Built to enable secure access across government organizations
- Built on the open source OpenNDX stack by LSF, bundled with API, Integration, Identity infrastructure
- GraphQL based model, with inbuilt controls for data custodians, data consent, async data, data versioning and federation
- Scales from local government data exchange to national level initiatives



Digital sovereignty, resilience, sustainability, and open source



Digital Sovereignty

- Control your own destiny
- Freedom to switch clouds and tech
- Tech vs data vs operational vs economic sovereignty

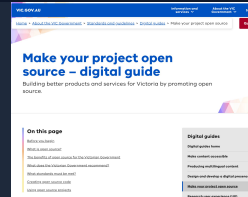
"Who owns the light switch"



Resilience

- Availability
- Failover and continuity
- TCO

"Keeping the lights on"



Sustainability

- Is there a team that can run this on their own
- Training, enablement, hiring, excellence

"Can we fix the light when it goes out?"



Open Source

- Access to technology and ownership
- Transparency

"Do we have access to the inner workings of the light switch"



Sovereign AI for government

Trusted AI Governance : every agent identified, every decision traceable, every byte under national control.



Governed Digital Identity

Citizen: risk-based access, consent they control

Workflow: every step of a case records who acted,

Agent: own identity, scoped delegation, audit trail



Governed Data Exchange

Agency APIs as governed tools agents
Policy and consent enforced on every request

Data stays with its owning agency, under local law



Governed Citizen Services

Assistants that complete a service, in local languages

Agents act only on delegated, revocable consent

Officers stay in the loop on high-impact decisions

can call

Data sovereignty

Inside national borders and local privacy law

Infrastructure control

Local, private or sovereign cloud, not a foreign platform

Explainability

Every AI-assisted decision traceable and reviewable

Security by design

Guarded model traffic, leak prevention, PQC-ready identity

THE FOUNDATION

WSO2 Agent Platform

Agent Manager

Govern and observe every agent

AI Gateway

Control LLM and MCP traffic and cost

Agent ID

One identity layer, people and agents

Open, deploy anywhere

42 national governments run on WSO2

Transparent Pricing Model - Equipping Every Government for the Digital Future



The Initiative

WSO2's 'Fair Pricing for Governments' — a revolutionary, index-based model designed to make world-class digital infrastructure accessible and equitable for every nation.



Economic Reality

Software independence and high-quality digital services should not be a luxury. Fees for the public sector are proportional to the average citizen's income.



Equitable Discounts

A standardized methodology anchoring discounts in the World Bank Country Income Classifications, with W3C government membership fees as baseline.

Learn more: <https://wso2.com/solutions/government/fair-government-pricing/>



The technology partner for your digital government journey