

# Transforming identity into access.

A blueprint for inclusive  
Digital Public Infrastructure.

Whitepaper 2025



iDAKTO







# Why digital identity matters

## A quick outlook

Nearly

**850 M**  
**people**

**worldwide still lack legal identity**

— hindering their ability to access essential services, exercise their rights, and participate in the digital economy.

**13%**

Implementing robust digital ID systems can be transformative, with studies showing potential GDP gains of up to 13% in emerging economies.

**2030**

Beyond economic benefits, digital identity plays a crucial role in achieving UN Sustainable Development Goal 16.9: providing legal identity for all by 2030, including universal birth registration.

## EMPOWERMENT

A secure, inclusive digital ID is more than a tool. It's a gateway to empowerment, resilience, and sustainable development across the world.

Source: McKinsey Global Institute : Digital Identification - A key to inclusive growth (2019)

# Digital ID as the first layer of Digital Public Infrastructure



In the Digital Public Infrastructure (DPI) model, Digital Identity serves as the foundational layer often called the gateway to rights and services. It is the starting point that enables individuals to prove who they are and access both public and private digital services securely.

## THE CORE OF DPI: A THREE-LAYER MODEL

DPI is typically structured around three interoperable components:

1. Digital Identity – for secure, verifiable recognition
2. Digital Payments – to enable transactions and financial inclusion
3. Data Exchange / Consent Frameworks – to support secure data sharing and user-controlled access

To fully realize its potential, identity must be treated not only as a registry but as infrastructure. Building layers of use cases on top of a foundational or functional ID system is what transforms it into digital public infrastructure. The broader and more meaningful the use cases, the more likely citizens are to enroll and engage with the system.

## ENABLING ACCESS AT SCALE

Digital identity acts as a trusted gateway to critical services, enabling people to authenticate themselves and interact with systems in the financial or health sectors.

### Financial Inclusion

With a verified digital ID, citizens can open bank accounts or mobile money wallets in seconds, unlocking opportunities for credit, savings, and entrepreneurship.

### Healthcare Access

Digital IDs securely connect patients to their medical records and national health programs, ensuring faster treatment and better health outcomes.

### Social Protection

Identity-enabled systems make it possible to deliver targeted benefits and subsidies efficiently, reducing fraud and ensuring that support reaches the people who need it most.

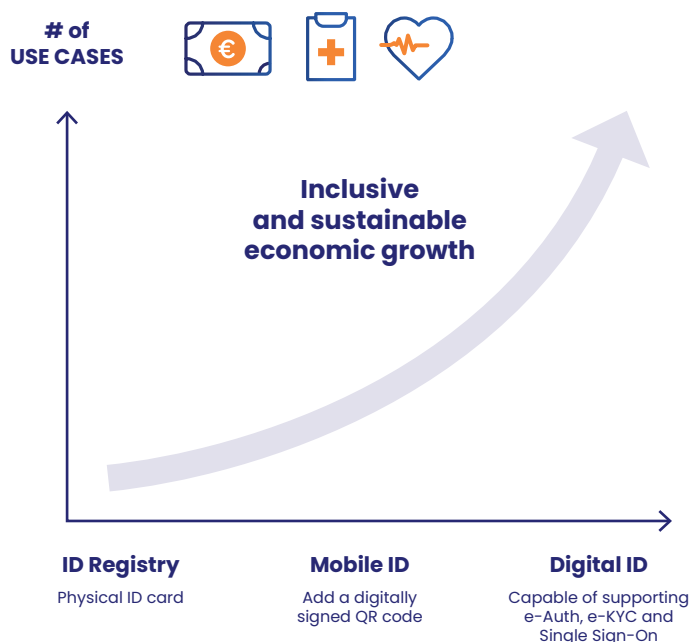


# How to convert any ID system into a DPI

Establishing an ID registry is often just the starting point in a broader digital identity journey. Countries typically move from a basic ID registry, to mobile ID, and eventually to a full-fledged digital identity system.

## BUILD ON EXISTING INFRASTRUCTURE, NOT FROM SCRATCH

While it may seem that aligning with DPI principles—such as privacy, inclusion, interoperability, and openness—requires creating entirely new systems, this is rarely the case. DPI encourages modular, light-touch interventions that deliver high impact with minimal disruption or investment. This DPI mindset focuses on incremental «plus-one» steps rather than full system overhauls.



## ADD CAPABILITIES TO MAKE YOUR ID DPI-READY

To function as a DPI enabler, an ID system must offer tools that empower users and ecosystems. These additions turn a basic ID into a digital infrastructure that supports both public service delivery and private innovation. Here are four core capabilities to add:

### eKYC

Enable secure, real time sharing of verified data (like name, birthdate, address) through APIs or verifiable credentials

### eAuth

(Electronic Authentication)

Allow users to authenticate themselves online or in-person securely and easily

### eSign

(Digital Signature)

Empower citizens to sign documents remotely—facilitating paperless workflows

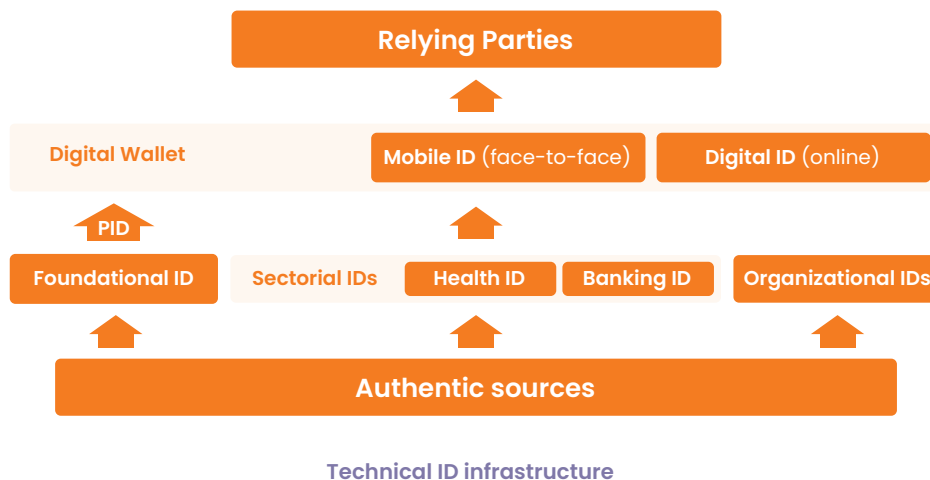
### Single

### Sign-On (SSO)

Let users log in to multiple platforms (public or private) with one digital ID—similar to «Sign in with Google»

# Key technical principles of digital identity

As a foundational layer of Digital Public Infrastructure, digital identity systems are most effective when built on principles that ensure trust, scalability, and inclusivity. These principles, rooted in openness and modularity help governments create resilient identity systems that enable a broad range of public and private services.



## 1 OPEN STANDARDS FOR INTEROPERABILITY

Built on open, interoperable protocols to ensure flexibility, vendor neutrality, and broad ecosystem participation.

## 2 OPEN DATA FOR TRANSPARENCY AND INNOVATION

Non-sensitive data can drive transparency and innovation, while strong safeguards maintain trust and protect user privacy.

## 3 MODULAR AND SCALABLE ARCHITECTURE

A flexible system that can grow and adapt – adding new services or components without major overhauls.

## 4 PRIVACY AND SECURITY BY DESIGN

Security, consent, and data protection are embedded from the ground up to ensure safe, trusted use.

## 5 USER-CENTRIC APPROACH

Designed to be inclusive and accessible, giving individuals control over their data and identity interactions.

# Who we are

iDAKTO empowers governments and businesses to build secure, large-scale digital identity infrastructures.

Designed for privacy and seamless user experience, our technology enhances the digital journey of over 200 million citizens, making it both more secure and convenient.

Pioneering governments—from France to Morocco and Egypt—rely on us to build trust and accelerate digital transformation. Effortlessly integrating with ID registries, ID credentials, and other assets...

## iDAKTO MAXIMIZES IMPACT FOR YOUR NATION.



### Identity Management Platform

A secure, scalable system for managing the full life cycle of digital identities from enrollment to authentication.



### E-Wallet

A mobile solution that stores and manages digital credentials, enabling secure, user-controlled access to services both online and offline.



### E-Gov Solutions

A suite of tools helping governments build sector-specific IDs (e.g., Health ID), share trusted data across agencies, and deliver integrated public services efficiently.

## Client Cases

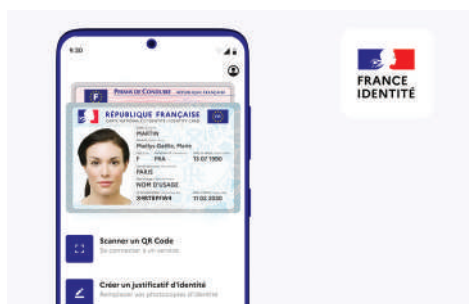
### France Digital Wallet

**2 M** users

**2000**  
connected services

EUDI Wallet  
foundation

The “France Identité” app offers comprehensive identity services, digital identity documents, and new standards in citizen data protection.



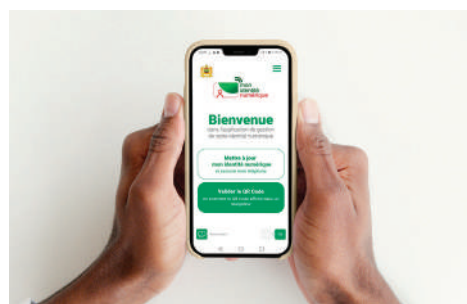
### Morocco Digital Wallet

**2 M** users

**7M**  
authentications/year

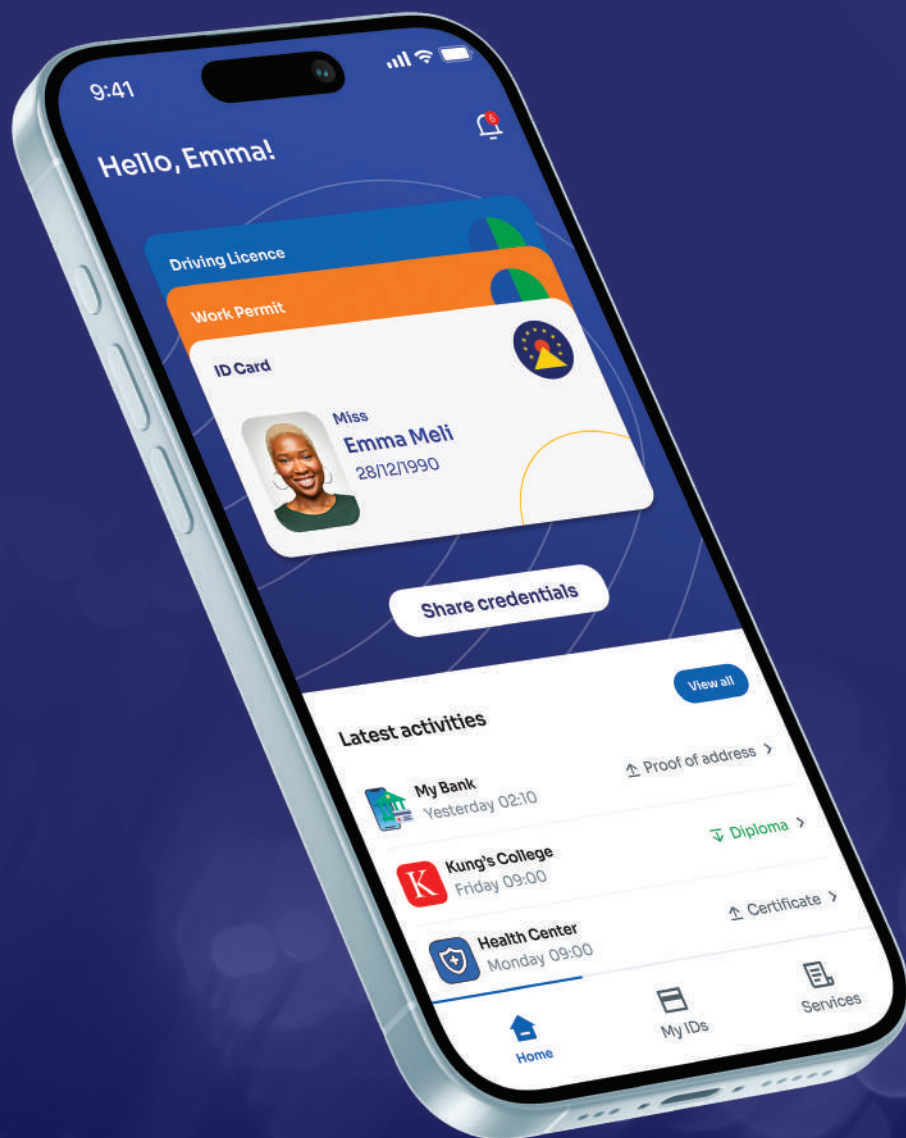
**40** partners

The Moroccan Digital ID ensures easy, secure access to administrative services and promotes inclusive digital engagement for all citizens.





# Your fast track to identity-enabled service delivery



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