



Modular Open Source Identity Platform (MOSIP) is a robust and secure open source platform for building foundational identity systems.

It enables a country to provision unique digital identities for individuals and to authenticate them in a secure way



#### **Platform Approach**

- Open Source
- Security and Privacy as key principles
- Vendor neutral & standards compliant



#### **System Integration**

- Designed for easy integration
- Configuration based approach
- Rollout by System Integrator



#### **Multiple Use Cases**

Foundational

- Digital ID
- Private ID

Functional

- Food & Social Security
- Financial Services
- RefugeeRegistration

- J - L - L

# **MOSIP Principles**



#### Configurability



- Easy personalization
- Easy configuration

#### **Open Source**



- Uses Open standards
- Open source platform

#### Modular



- Independent & interchangeable modules
- API based implementation
- Security by design

Secure

 Secure devices, processes, data storage & data processing

#### Scalable



- Independently scalable components
- Tested for ~100 million population



Manageability

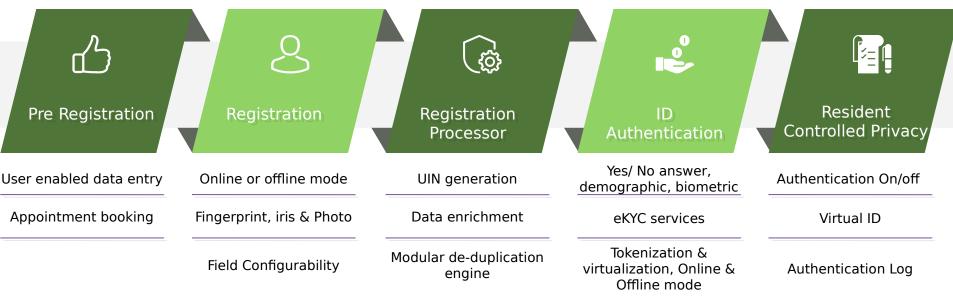
#### **Private**



- Privacy by design
- Data as a Service

## **MOSIP Modules**





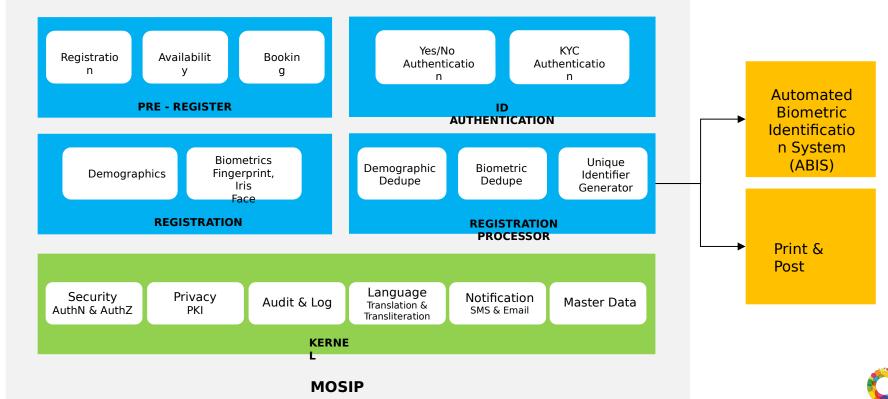
Local / Multi Language Support Notification to residents at various stages

Artificial Intelligence
Support

lachine Language Support

## **Functional Architecture**







#### **TECHNOLOGY STACK**

































# MOSIP Partners will build on top of our core technology layer















**Use Cases Layer:** Country Specific ID-Linked Services





LINKAGES OF SERVICES WITH FOUNDATIONAL ID

 Work with services like finance, health, welfare etc. to incorporate unique foundational identifier

**System Integrator Layer:** for Country Customisation





CUSTOMISATION TO SUIT COUNTRY NEEDS:

- System Integrator (a vendor) to develop additional modules, configurations, and security if desired
- Commercial Service Providers created and nurtured by MOSIP will provide the Platform maintenance support to System Integrators

Core Technology Layer: MOSIP Platform

#### BASIC ARCHITECTURE OF THE ID SYSTEM

- Modular
- Country Agnostic
- Vendor Agnostic
- Ensures robustness & security



## Partnership Approach



#### MOSIP Provides...

- The MOSIP kernel under an open-source license
- Comprehensive documentation
- Five years of enhancements, support, & maintenance of the kernel
- Training and education on MOSIP technology
- A Certified Service Provider program as a group of vetted service providers with experience of implementing MOSIP at a country level.

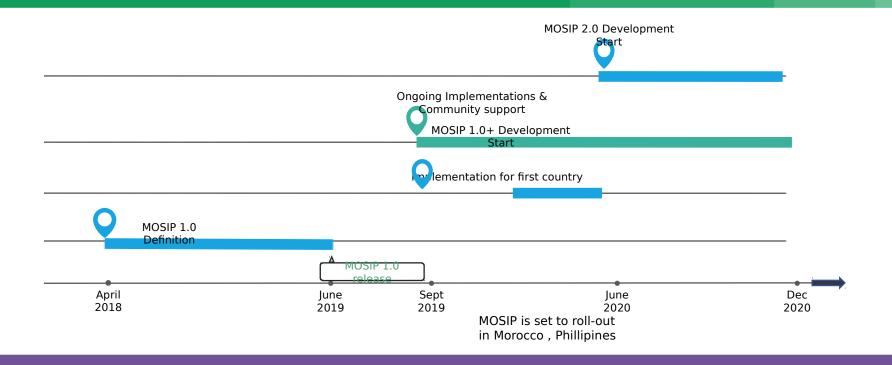
#### **MOSIP Partners**

- Customization and System Integration services
- Country level technology consulting
- Solutioning for public and private service delivery with MOSIP as foundation
- Support, maintenance and enhancement services to countries and other user organisations





## **MOSIP Product Roadmap**





## **Open Source Community**

- For students, internship opportunities. 10 women engineers from Wardha and Nuzvid participated. 5 expected from Myanmar.
- For code developers , code available in Github. Download, test and improve.
- A number of suggestions have been received including blockchain implementation, analytics, fraud detection, etc.
   Community participation invited





### github.com/mosip

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info@mosip.io

**™** Groups.io

mosip-dev@groups.io



https://gitter.im/mosipcommunity



## MOSIP's current structure



**SECRETARIAT** 

nstitute of Information

Technology Bangalore



BILL&MELINDA GATES foundation

**TATA TRUSTS** 

心N

OMIDYAR NETWORK

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