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# Ayushman Bharat Digital Mission (ABDM)

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August 4-5, 2022

New Delhi (NCR)

# Topics Covered

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- 01 **Vision and Mission**
- 02 **Guiding Principles and Architecture**
- 03 **ABDM Ecosystem and Registries**
- 04 **Benefits of Registries and ABDM**
- 05 **Roles and Responsibilities of NHA and State**

**01**

Vision and Mission

# Vision and Mission

## ABDM envisages to create an

Inclusive, Accessible, Affordable, and Efficient  
Digital Health Infrastructure across the  
Country in a Safe and Time-bound manner.



**Inclusive**



**Accessible**



**Affordable**



**Efficient**



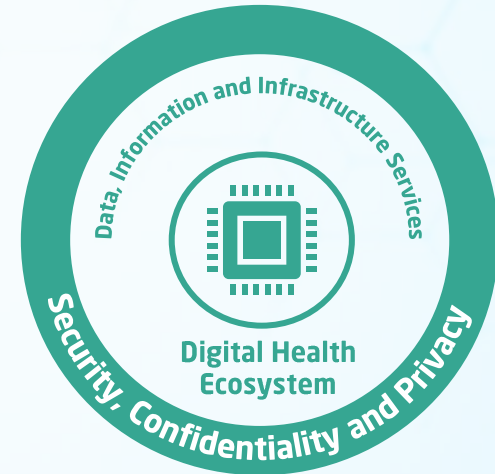
**Safe & Secure**



**Timely**

## Mission of ABDM –

To create a Digital Platform for evolving Health  
Eco-system through a wide range of data,  
information, and infrastructure services while  
ensuring security, confidentiality, and privacy.



# Problems addressed by ABDM

## For citizens



1. Access to all medical records
2. Information and details of doctors, hospitals and labs
3. The choice to consult doctors remotely

## For healthcare professionals and facilities



1. Access to patient's medical history and ensure follow-ups
2. Connect with patients remotely
3. Ease of doing business

## For policy makers



1. Insufficient Information of diseases and needs for policy formulation
2. Lack of monitoring mechanism

**02**

Guiding Principles  
and Architecture

## Policy

### Principles of ABDM

## Technology



Privacy and Security by design



User inclusivity



Voluntary participation



Wellness Centric



Single source of truth



Federated Architecture



Open APIs and interoperability

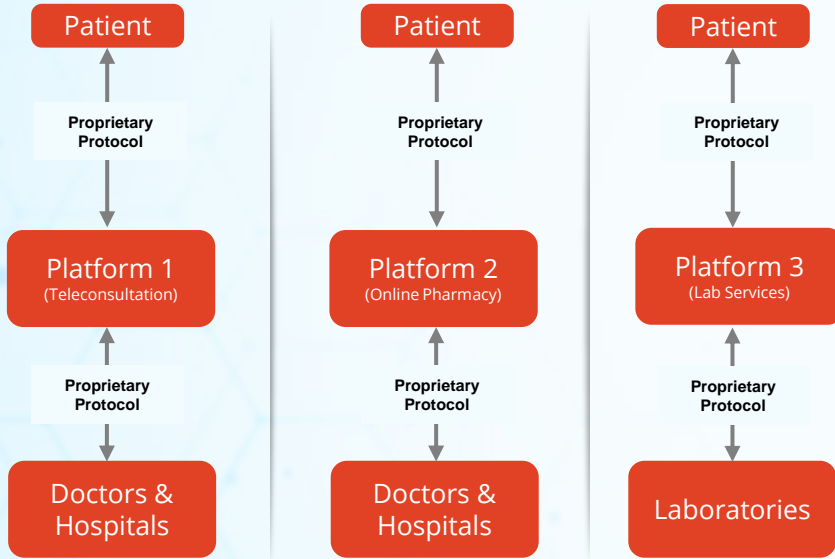


Standard frameworks

# Architecture (Open vs Closed Systems)

## Closed / Restricted Systems

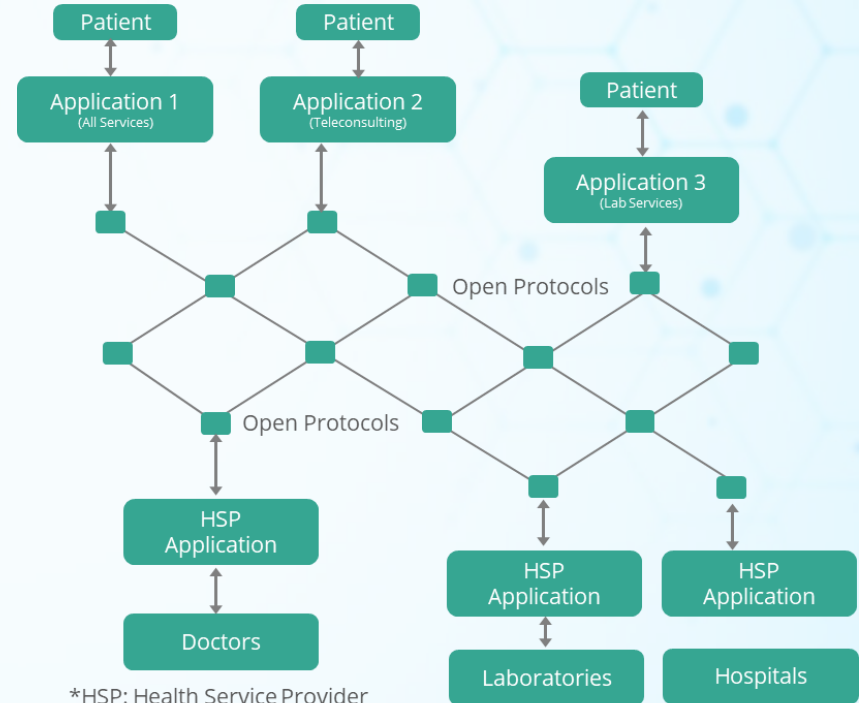
Platform-Centric Model – No provision to communicate across platforms



WITHOUT ABDM

## Unified Health Interface

An Open Network-Centric Model for Digital Health Services



\*HSP: Health Service Provider

WITH ABDM



## USER APPLICATIONS



Diverse user experiences & innovative solutions

### INDIVIDUAL APPS

Health Locker

Telemedicine

CoWIN

### HEALTH PROVIDER APPS

HMIS

LMIS

Telemedicine

Public & Private  
Innovation



## UNIFIED HEALTH INTERFACE



### APIs for

- Discover
- Avail
- Book
- Pay

### Services

- Preventive Treatment
- Diagnostic Pharmacy
- Medicine

### PROTOCOLS

Digital Public Goods  
(DPGs)



## HEALTH BUILDING BLOCKS



## INDIA'S CROSS DOMAIN DPGs

### DIGITAL REGISTRIES

- ABHA
- Healthcare Professionals
- Health Facilities
- Drugs
- Others

### HEALTH RECORDS

- Health Record Standards
- Health Record Exchange & Consent Manager
- Anonymization, Aggregation & Analytics

### HEALTH CLAIMS

- Health Claims Exchange
- Standard for claim submission & processing
- Provider Payment Mechanism

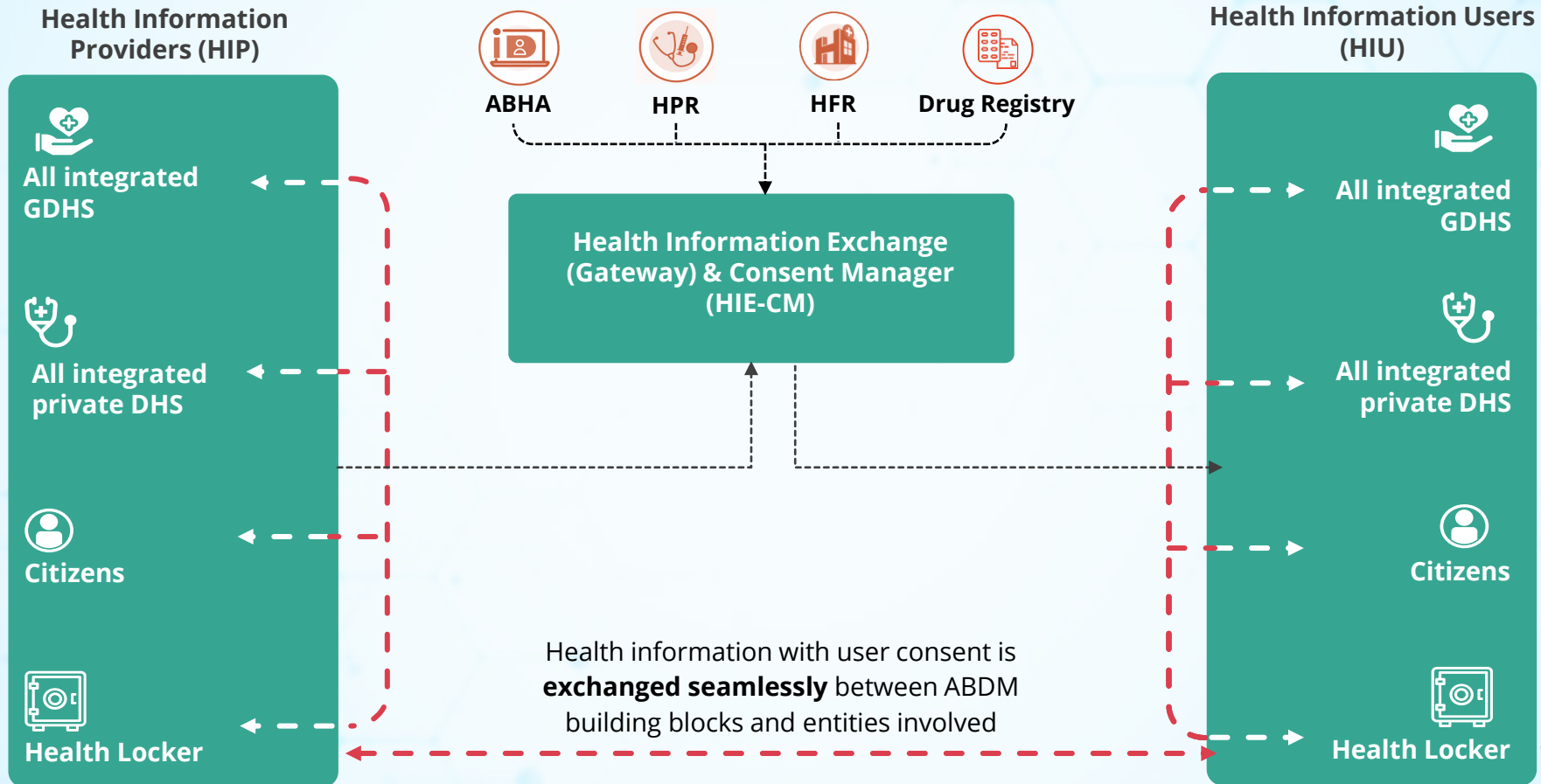
Aadhaar, UPI, e-Sign, DigiLocker, Consent Artifact, etc.

**03**

ABDM Ecosystem  
and Registries



# ABDM Ecosystem



**04**

Benefits of  
Registries & ABDM

## ABHA No. and App



### Unique 14 digit number

- Easy self registration through Aadhaar or DL (presently) or through assisted mode
- Easy storage and exchange of health records
- Easy consent based sharing of records
- Easy search of healthcare professionals and facilities

## Healthcare Professionals and facility registry



### Verified registries

- Ease of doing business
- Access to patients remotely
- Easy access to medical history of patients
- More organized consultations and better diagnosis
- Easy registration of patients

## Other Benefits



### Interoperability & Data Anonymization

- Support drug identification and supply chain management
- smooth exchange of information
- Ease of health claims and settlement
- Better policy decisions
- Ease in identifying major diseases, symptoms, etc.

**05**

Roles and Responsibilities  
of NHA and States

# Roles and Responsibilities of NHA and States

## NHA

- Develop digital platform
- Develop registries
- Support in human resource
- Undertake and support capacity building activities
- Undertake and support activities relating to information, education and communication (IEC)

## Roles and Responsibilities

## States

- Establishment of Governance Structure
- Implement ABDM compliant HMIS
- Populate registries
- Generate awareness among stakeholders
- Enhance usage of ABDM platform and interoperability



## GOI Level – Rs. 1100 crore

- Digital ICT Systems + software: Rs. 667.96 crore
- Management Salaries(ii) & Office Space : Rs. 200 crore
- IEC and Capacity Building:  
**Rs. 200 crore**
- Miscellaneous (at 3%): Rs. 32.04 crore



## Roles and Responsibilities

## State/UT Level – Rs. 500 crore [only HR]

- 3 Division Heads
- PMU to support Division Heads



Thankyou