



3

---

## DIGITAL BHARAT COLLABORATIVE

---

# DIGITAL BHARAT COLLABORATIVE

---

## Vision

To transform the healthcare system by building a Robust Digital Public Health Delivery Platform that ensures availability and accessibility of quality healthcare for all.

It aims to enable Holistic Digital Transformation in 5 States, by developing and deploying integrated health solutions and improve indicators in the following areas:

- Empowerment of Frontline Workers (FLW)
- Digitization of Health Facilities
- Integration and Governance: achieve transformation through an end-to-end approach

## The Genesis

While the government has tried to adopt technology in its systems and processes, core challenges observed in technology within government are:

- Focus on applications limited to just capturing data
- Lack of integration with existing systems
- Absence of long-term digital vision and in system capacity for execution

There is a dire need for holistic digital transformation, with a robust systems integration approach and one that creates a collaborative model for sustained collaboration.

## The Digital Bharat Collaborative Strategy

- A holistic digital transformation that re-engineers processes, improves observability, enables governance, and empowers people at all levels
- Robust system integration approach that leverages existing investments, builds on open-source technology stacks, and leads to clinical standards and protocols
- A collaborative model that brings multiple technical experts together and handholds through for sustained adoption by the government

## **Digital Bharat Collaborative uses a digital transformation approach that provides continuum of care through 2 pillars:**

Field deployment – that empowers frontline workers, leverages telemedicine services and utilizes mobile medical units (MMU)

Integrated solution - that strengthens facilities, enables IoT implementation, integrates technology and enables governance

The collaborative will transform the healthcare system through:

- Creation of a Single port of call - Healthcare services available at 104 Health Helpline or eSanjeevani app
- Provision of Continuum of care - Primary health provider of choice and seamless referrals through electronic health record (EHR)
- Offer Clinical excellence - Disease surveillance, outbreak prevention and clinical procedural adherence
- Enable Data-driven decisions - Leveraging NDHM (National Digital health Mission) and UHI (Urban Health Initiative) for targeted decision-making

## **The Journey so far**

Digital Bharat Collaborative has initiated AMRIT (Accessible Medical Records via Integrated Technologies), a first-of-its-kind integrated health technology platform that supports clinical excellence for 65 lakh+ beneficiaries in 5 states. Under this, a pilot integrating health solutions in Bihar is already underway to ensure Bihar becomes NDHM (National Digital Health Mission) compliant and is able to make robust data-based decisions.

- The SAKHI application has digitally enabled 376 ASHA workers in Kurhani Block, District Muzaffarpur, Bihar and provided virtual field support to them from a Command and Control Centre (CCC). Over 10,000+ families have already been enrolled and 535 expectant mothers registered.
- Integrated 104 Health Helpline and eSanjeevani with AMRIT for seamless telemedicine applications, and built-in call tracker that integrates data and enables use of predictive analysis.
- Over 4 million visits have been made through mobile medical units and 3 lakh referrals generated to improve beneficiary access in a cost-effective manner while

delivering essential health services in remote areas through creation of 3744 Points of care outside catchment of Primary Health Centre (PHC).

- Bahmni Hospital Management system deployed in Muzaffarpur district, to digitize patient health records and hospital operations has registered 27,000+ patients till date, with over 2500 lab reports and 17000 prescriptions recorded digitally
- AMRIT Facility Application deployed in 6 health and wellness centres of Kurhani block with point of care testing devices, screening over 750 patients
- 30 IoT devices installed across 3 facilities in Muzaffarpur to support remote monitoring of medical devices.
- Integrated health-tech ecosystem has been built through integration of AMRIT to enable interoperability and care-continuum.
- A centralised data warehouse has been built at the Command and Control Centre (CCC) to create a single source of truth, which enables leadership to take real time data backed decisions
- Bihar Virtual Field Support at CCC, launched by CM Nitish Kumar, will provide a range of services for the health workforce through Piramal Foundations' women change agents, Karuna Fellows