**Ministry of Electronics & Information Technology
Government of India**

NIC एनआईसी
National
Informatics
Centre

Digital India
Power To Empower

eNIC**Hospital Modules**

Online Registration System
(ORS)

IPD
(Admission, Discharge & Transfer)

Patient Registration
(OPD & Casualty)

Clinics

OT Management

Store & Pharmacy

Dietary

Laundry

Radiology

Billing

Lab

e-BloodBank

Under the Digital India initiative of the Ministry of Electronics & Information Technology, Government of India, National Informatics Centre (NIC) has developed the e-Hospital, e-BloodBank and ORS (Online Registration System) applications.
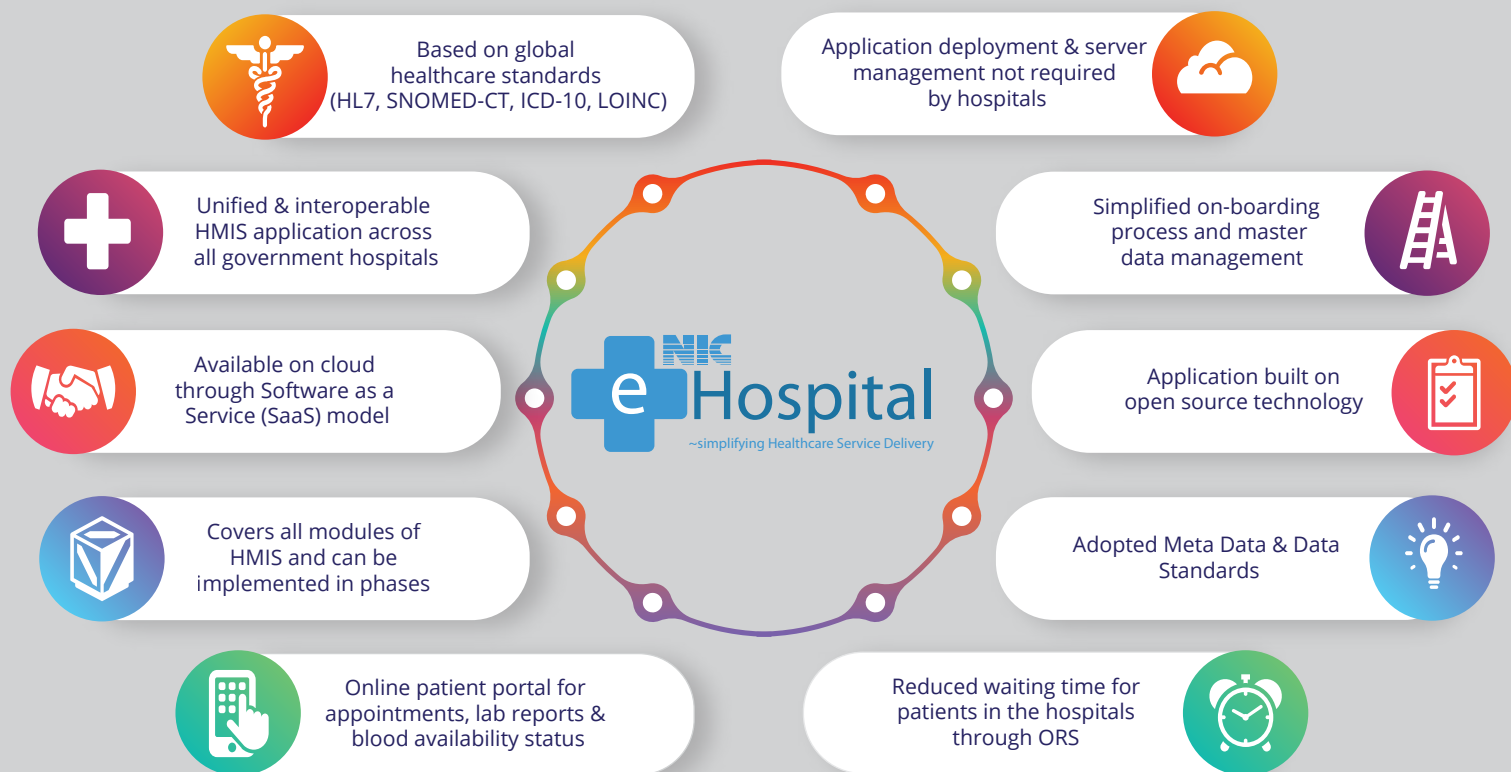
These applications are hosted at National Cloud "MeghRaj"

e-Hospital Hospital Management Information System (HMIS)	**Online Registration System (ORS)** Online Patient Portal	**e-BloodBank** Blood Bank Management System

Key Features

- Based on global healthcare standards (HL7, SNOMED-CT, ICD-10, LOINC)
- Unified & interoperable HMIS application across all government hospitals
- Available on cloud through Software as a Service (SaaS) model
- Covers all modules of HMIS and can be implemented in phases
- Online patient portal for appointments, lab reports & blood availability status

e NIC Hospital
~simplifying Healthcare Service Delivery

- Application deployment & server management not required by hospitals
- Simplified on-boarding process and master data management
- Application built on open source technology
- Adopted Meta Data & Data Standards
- Reduced waiting time for patients in the hospitals through ORS

e-Hospital

- e-Hospital application is HL7 Development Framework (HDF) compliant end-to-end solution for managing workflows and processes in hospitals including tele-medicine services
- SNOMED-CT enabled product designed to effectively capture clinical information to create Electronic Health Records
- One-stop solution to connect patients, hospitals & doctors on a single digital platform
- Configurable for use by any type of healthcare facility (i.e. Primary Health Centre, Community Health Centre, District Hospital, General Hospital, Medical College etc.)

Major Hospitals using e-Hospital

AIIMS Bhopal, Bhubaneswar, Raipur & Rishikesh	Dr. Ram Manohar Lohia Hospital, New Delhi	Safdarjung Hospital, New Delhi	King George's Medical University, Lucknow
Govt. Multi Specialty Hospital, Sec-16 Chandigarh	Regional Institute of Medical Sciences, Imphal, Manipur	McGann District Teaching Hospital, Karnataka	NDMC Charak Palika Hospital, New Delhi
Govt. General Hospital, Nizamabad, Telangana	NMMC Hospital, Vashi, Maharashtra	Silchar Medical College, Assam	NEIGRIHMS, Shillong, Meghalaya

Online Registration System (ORS)

- ORS is the online patient portal for booking online appointments, accessing lab reports, checking blood availability status and making online payment.
- Being adopted by many hospitals in various States and Union Territories across the country.
- Accessible over the Internet at https://ors.gov.in.

Key Features

Online Appointment

Lab Reports

Blood Availability Status

Online Payment

Online Appointment Booking

7 Get Confirmation SMS

1 Verify using Mobile No.

2 Select Hospital & Department

3 Check Availability

4 Select Date and Book Appointment

5 Aadhaar Verification (optional)

6 Pay Appointment Fees Online

ors

Major Hospitals using ORS

AIIMS New Delhi	AIIMS Bhopal	AIIMS Bhubaneswar	AIIMS Rishikesh
AIIMS Raipur	AIIMS Patna	AIIMS Jodhpur	Dr. Ram Manohar Lohia Hospital, New Delhi
Safdarjung Hospital, New Delhi	NIMHANS, Bengaluru	PGIMER, Chandigarh	JIPMER, Puducherry

e-BloodBank

- e-BloodBank application facilitates the implementation of complete blood bank management system for workflows and processes of blood banks.
- Being implemented in many States & Union Territories, and is still evolving and growing.

> "ORS portal of NIC is one of the main gateways through which patients from anywhere can take online appointments for AIIMS Delhi. ORS has facilitated more than 4 lakh appointments during the last year. ORS is benefitting patients to achieve the vision of Digital India."
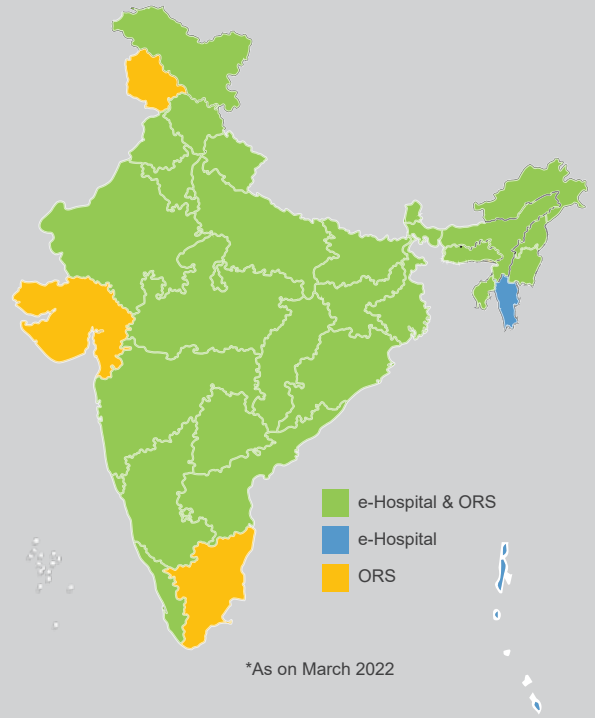
Dr. A. Shariff
Professor In-charge, Computer Facility,
AIIMS Delhi

> "Under the aegis of Digital India programme of Hon'ble Prime Minister of India, e-Hospital, a cloud based HMIS application, has helped Dr. RML Hospital Delhi to transform the health organization into a digital hospital and to provide better facilities to the patients. By adopting e-Hospital application, Dr. RML Delhi has been able to deliver continuous, efficient and effective health services to public at large."

Dr. Dheeraj Bahl
Chairman, e-Governance
Dr. Ram Manohar Lohia Hospital, Delhi

- e-Hospital & ORS
- e-Hospital
- ORS

*As on March 2022

Hospitals on e-Hospital	Total transactions on e-Hospital	Hospitals on ORS portal	Total registrations /appointments through ORS	Daily Average Transaction on eHospital	Daily Average Patients Visit
748	**24.25 Cr**	**431**	**51.78 L**	**4.50 L**	**1.75 L**

Awards

eINDIA Digital Transformation Award 2018

Gems of Digital India Award 2017

CSI-Nihilent e-Governance Award 2012-13