

CASE STUDY

Epic Integration for Optimized Childbirth Management

INTRODUCTION

This company is a transformative clinical decision support platform dedicated to transforming the world of childbirth in the healthcare industry. This innovative application is an important tool for hospital administrators, doctors, nurses, and billing departments of healthcare organizations, streamlining the process of delivering babies with extreme efficiency.

PROBLEM

The platform relied heavily on the accuracy and completeness of patient onboarding data. Inconsistent or delayed data entry created downstream inefficiencies, especially for care teams and billing departments. Manual updates often resulted in errors that impacted delivery-time predictions and reporting.

SOLUTION

- 01 We integrated Epic that helps streamline patient information entry. With SMART-ON FHIR app launch ensured real-time data updates.
- 02 Integrated with Epic's Hyperspace for patient health records which helped in eliminating manual recording.

03

We automated post-delivery examinations and data collection. Automatically updates Epic with infant details, procedures, and health conditions.

04

HL7 protocols ensured structured and standardized data exchange. It facilitates informed decision-making for healthcare providers managing childbirth.

OUTCOMES



Continuous monitoring and machine learning model updates ensured data quality.



Epic integration enhanced efficiency in patient information management.



Implementation of encryption measures and access controls helped in data protection.



We focused on improving the user experience to facilitate efficient data entry.

