



Tech Mahindra Telehealth Solution

Remote Patient Monitoring (IoT Solution) at a major Indian Hospital

The Customer

Part of a large Education and Medical Group. It is one of the top healthcare networks in India with a network of 15 hospitals and three primary clinics spread across 6 states. It serves more than 2 million patients annually. The flagship quaternary care facility is located in Bangalore, India.

Solution Approach

- Tele Health platform roll out
- Platform customization as per requirements
- Enable easy extensibility to multiple hospitals / branches
- Device integration with platform
- Comprehensive offering including :
 - Implementation
 - Contact Center operations

Business Challenges

- Non availability of real time live video streaming for consultation from remote areas
- Lack of digital repository for video storage, vitals data storage and archival
- No integration with bedside PMS for auto acquisition of vitals data

Implementation Highlights

- Tele-Consultation through IP camera with Pan, Tilt and Zoom capability.
- Patient monitoring systems and Ventilator integration for remote monitoring using custom integration engine
- Reusable components and customizable platform
- Real time remote display of parameters like – SpO2, NIBP, RR, HR, IBP on specialist's dashboard
- Managed support services