

Integrated Solution for Remote Patient Monitoring

Leading Provider of Digital Health Solutions

Business Problems

- Build a **platform** to monitor patients **real-time vital signs** readings
- Enable remote patient monitoring for **personalized care**
- Help clinicians in monitoring **real-time vital signs and symptoms** to enable early interventions that help deliver **better outcomes**
- Build **integrated solutions** to connect different hardware systems to value added data analytics solutions

Solution(s) & Value Delivered

- Developed a scalable **platform** given our expertise in healthcare and **cloud technologies**
- Designed and implemented **data pipeline and APIs** for user and device management
- Developed **data ingestion pipeline** using **IoT** to stream signals, sensors, batteries etc. from device over **MQTT protocol to cloud store**
- Implemented **access management endpoints**
- Enabled real-time display of **health data graphs** on **portals and analytics**



Cloud hosted real-time device
for data streaming and processing platform

IoT and sensors streaming
for data ingestion, analytics and visualizations

Power BI reports and alerts

100%
real-time vital signs monitoring