



CASE STUDY

Leading Remote Patient Monitoring Service Provider Utilized Healthcare Triangle's Data Lake Management Platform to Offer Personalized Health Services

The Client

Our client is a leading senior-citizen care provider with an innovative remote monitoring solution. By combining the technology and world class health services, our client enables aging adults to stay healthy and live independently in their home. The solution provides continuous, non-intrusive, uninterrupted healthcare monitoring by using smart technology. Through remote monitoring services the family members or healthcare professionals get to know the aged people's health details time on time before the situation turns to be an emergency. This innovative care service is the first of its kind to combine easy-to-use technology with personalized health services.

The Need

Our client requires a platform with an intuitive dashboard to ingest digital health data from disparate devices and sensors that are used to remotely monitor seniors. They also need a mobile application to continuously monitor and share the seniors' details with healthcare providers/family members. They approached Healthcare Triangle (HTI) to build a two-way data & video application for quick & seamless communication with the seniors and to perform predictive analytics based on prior outcomes/readings from monitoring devices.

Reasons for Choosing Healthcare Triangle

HTI offered a cutting edge, self-cataloging data lake and

automated data quality check solution which consists of:

- Cloud based data lake where the data from various devices and sensors are ingested and stored through automated provisioning (normalized and used AI/ML on it)
- Built a scalable dashboard that is capable of monitoring hundreds of thousands of patients at a time
- Enabled the stored data to be consumed by the dashboard and mobile applications for continuous monitoring that meets compliance requirements
- Utilized AI and ML to do predictive analytics and anomaly detection

Results

- Continuous monitoring and communication improved the quality of healthcare services which in turn significantly improved the state of mind of the family members
- Physicians and nurses can detect the onset of illness through anomaly detection and predictive analytics
- Realtime fall detection and alerting
- Saved up to \$200/300 per month per client using our solution

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Healthcare Triangle, Inc.™ (HTI) reinforces healthcare progress through breakthrough technology and extensive industry know-how. We support healthcare providers and payors, hospitals and Pharma/Life Sciences organizations in their effort to improve health outcomes by enabling the adoption of new technologies, data enlightenment, business agility and accelerate responding to immediate business needs and competitive threats. The highly regulated healthcare and life sciences industries turn to HTI for our expertise in digital transformation on the cloud, security and compliance, data lifecycle management, healthcare interoperability, clinical and business performance optimization. Our headquarters is located in Pleasanton, California and we have employees throughout the US.

For more information, please visit www.healthcaretriangle.com.

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