Customer Case Study:
QuiO

Customer Profile

Company: QuiO
Founded: 2014
Corporate Office: New York, NY
Vertical: Medical Devices
Employees: 2-10

Industry

A connected therapeutics company that provides software and services enabled by smart medication devices

"Partnering with TESCHGlobal was not only a great experience, but it was strategic to our digital needs for building out our IoT infrastructure. We needed a true partner who had expertise and passion to develop our powerful software solution that would disrupt the healthcare market. TG was fully aligned in carrying out our vision and was dedicated to executing our digital journey."

Alex Dahmani,
Co-Founder & CEO

Integrating
Over 300
Connected Devices

Supporting medication, patient health, device health, and data handling

OVERVIEW

Driven to make the lives of people living with chronic diseases easier, QuiO set out to be an industry disrupter to enable smarter and on-the-go medication monitoring. QuiO needed a comprehensive solution to enable patient self-management and provide healthcare stakeholders with insight to remotely support their treatment regimen. Through the use of sensors and wireless connectivity on injectable devices, a tracking solution could be developed to capture dose-level data to report and evaluate the performance of these therapies.

By partnering with TESCHGlobal (TG) and leveraging IoT to connect and exchange data through smart devices from anywhere, patients' medication monitoring no longer has to be manually recorded by busy healthcare professionals during an in-person visit. Information can be automatically collected on-demand allowing providers to be notified instantly if vitals are outside of acceptable ranges for value-based, continuous care.

CHALLENGES

- Track real-world performance of medication dosage for patients with chronic diseases to provide greater, continuous care management
- Build a platform using emerging technologies that integrate with QuiO's injectable devices to share data between patients, providers, caregivers, and pharmacies
- Adhere to highly regulated security and compliance standards within the healthcare industry

TG SOLUTION

- Build a modern IoT cloud platform that provides a straightforward user experience with a sophisticated back-end for data management and advanced machine learning
- Leverage real-time business intelligence to track drug performance following the patient's first Rx fill, including adherence, persistence, and outcomes
- Provide personalized patient voice, text, web and mobile experiences for self-managing medications

RESULTS

- Supporting clinical data structures enabling communication with EMR systems
- Meeting the most stringent regulatory requirements including HIPAA. In addition, supporting regulated software functionality according to ISO 13485 and 21 CFR Part 820.
- Offering high-touch support to guide and motivate patients less responsive to self-management, automated tools
- Won Accenture's 2016 Global HealthTech Innovation Challenge

TESCHGlobal

www.teschglobal.com   sales@teschglobal.com   877.987.7728