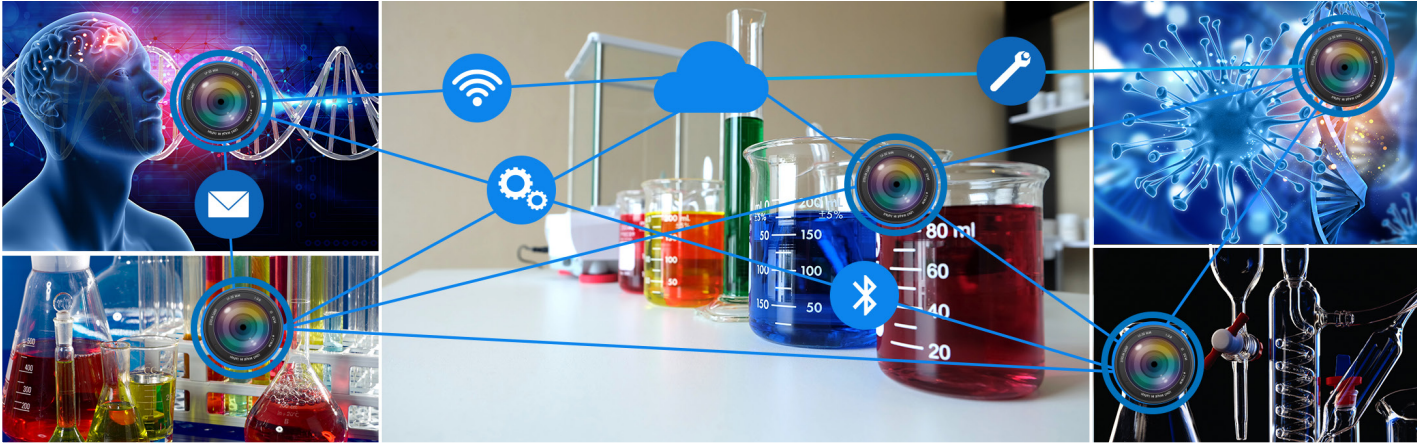


CASE STUDY



Results

- ✓ Increase in operational efficiency and productivity
- ✓ Cost reduction due to decrease of manual interventions
- ✓ Monetization of device data
- ✓ Increase in customer retention
- ✓ Boost in customer satisfaction
- ✓ Analytics driven decision making
- ✓ Automated and connected labs

Industry: Life Sciences

Country: United States

Technology Environment

- Java 8, Hibernate, Spring Boot, Spring Data
- Docker, Kubernetes, Nginx, Google Cloud Platform
- ReactJS, Redux, NodeJS
- iOS, Android

IoT platform for connected Life Sciences ecosystem

Client

A US based Life Sciences company, which provides a wide range of lab devices

Business Driver

- Enable a real-time digital life sciences ecosystem to the customers
- IoT life sciences data and its monetization
- Predictive maintenance of lab ecosystem

Scope of Services

- Building a Life Sciences IoT platform
- Bringing in connected lab ecosystem

Solution Highlights

- Marlabs delivered a compelling, end-to-end IoT platform, which connected the devices and other lab equipment in their customer premises
- Custom SDKs for devices to connect and report data to the IoT platform
- The IoT platform provided the means to track device location, monitor device health, understand what services were needed, and offer maintenance support in a timely manner
- Analytics engine in the platform made possible predictive maintenance that could extend device life through pro-active steps and procedures