

Medical Device Solution for Effective Detection of Breast Cancer



Key Services

- UX Design & UI Engineering
- IoT Solutions Engineering
- Embedded Platform Engineering
- Digital Product Development
- Go-to-Market Support
- Mobile Apps Development

Executive Summary

The client is a manufacturer of FDA-cleared medical devices that provide a simple, highly effective and painless breast examination without any radiation. Faced with the challenges to fulfill client's go-to-market goals and clinical trials, the client was in need of a safe and reliable clinical breast examination solution.

Client Profile

The client is a leading healthcare device manufacturing company specializing in providing tactile breast exam imaging solution.

Business Challenge

The client faced the challenge of go-to-market and clinical trials among others and needed a multi-disciplinary team to own the complete solution development. The key was to go deep into technical, medical & business use cases to realize multiple concepts (device, apps and cloud) for an integrated solution platform, a critical need in IoT.

Solution

Innominds assisted the client by providing its expertise in hardware, wireless, software, ID, manufacturing and partnerships. The key solution features include:

- Provided the client with technical, medical support & created business use cases to realize market potential using multiple varied concepts (device, apps, cloud) and transforming it into an integrated solution platform
- As an active development partner, helped the client in making a foray into the Indian/Asian markets
- Provided an Edge Analytics solution, which detects anomalies and brings accuracy; thus enhancing the operational efficiency of breast examination

Benefits

- Developed Minimal Viable Product (MVP) in less than 12 months
- Customer conducted clinical trials, got FDA clearance and started collaborating with healthcare institutions
- Continued optimization and enhancement of the current solution
- Smart Edge Analytics solution for detecting anomalies in breast exam imaging
- Safe, ultra-sensitive and reliable clinical breast examination solution with digitized results for patients and doctors
- Helped realize the client's go-to-market goals in quick time

About Innominds

Innominds is a Product Engineering Services and Solutions company headquartered in San Jose, CA. It offers co-creation services to enterprises for building solutions utilizing digital technologies focused on Devices, Apps, and Analytics. The skilled team of Innominds is responsible for building better outcomes for its clients through reliable, advanced technologies like Blockchain, Big Data, Artificial Intelligence, Cloud & DevOps and IoT among others.



In case of any queries, please get in touch with us at marketing@innominds.com