



## Tactile imaging medical device solution for effective detection of breast cancer using iFusion™

### Client Need

The client is a manufacturer of FDA-cleared medical devices that provide a simple, highly effective and painless breast examination without any radiation.

The client needed a clinical breast examination solution which enables all areas of the breast to be examined in order to detect cancer.

### What we Did

With iFusion™, we provided an Edge Analytics solution that detects anomalies and brings accuracy; thus enhancing the operational efficiency of breast examination.





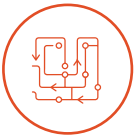
Streamed the data wirelessly to the application on the accompanying custom-built tablet



Provided multi-dimensional real time imagery to guide the field health worker in capturing data correctly and completely



Ingested the captured data to the cloud (in real time or offline) for detailed analysis



Leveraged core tactile imaging algorithms to detect the hardness of the tissue in comparison to surrounding tissue



Enabled the consultant with a cloud-based visualization to examine the breast tissue data and conclude with an advisory

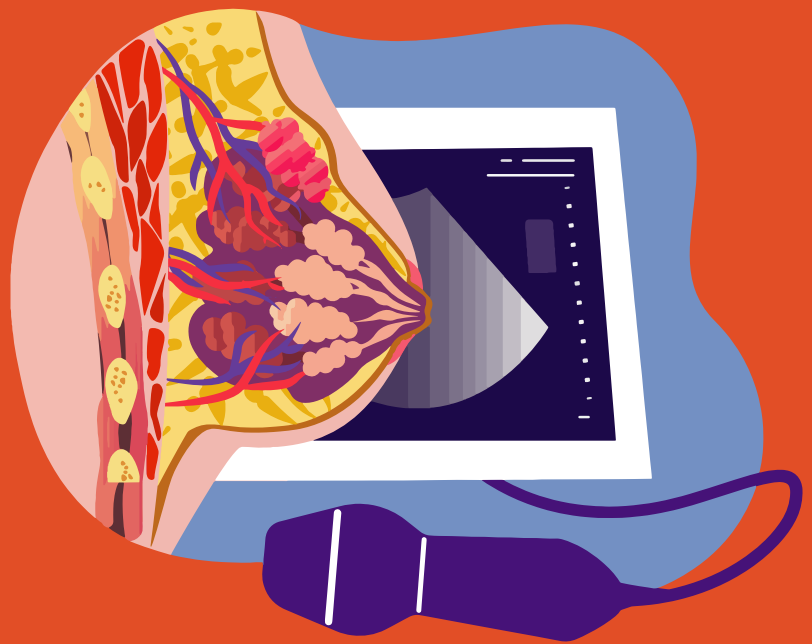
## What the Client Gained



Safe, ultra-sensitive and reliable clinical breast examination solution with immediate, objective, digitized results for patients and doctors



Faster go-to-market: Client conducted clinical trials, got FDA clearance and started collaborating with healthcare institutions



## About Innominds

Innominds is an AI-first, platform-led digital transformation and full cycle product engineering services company headquartered in San Jose, CA. Innominds powers the Digital Next initiatives of global enterprises, software product companies, OEMs and ODMs with integrated expertise in devices and embedded engineering, software apps and product engineering, analytics and data engineering, quality engineering, and cloud and devops, security. It works with ISVs to build next-generation products, SaaSify, transform total experience, and add cognitive analytics to applications.