Partnership

Audicor Hardware Integration

The heart sounds signal is recorded through a low-cost, low-power sensor located in the V3 or V4 ECG position. This makes integration into existing products straightforward. The low power sensor allows for even current-conscious implantable designs. Our team has helped incorporate the technology into many types of signal acquisition devices, from standard 12-lead ECG and long-wear patch, to wearables and implantable devices.

Algorithm Integration

Although our algorithms are complex, they have been architected for deployment in multiple environments. We have complete Windows-based solutions available for snapshot or long-term monitoring. We also have Android based solutions with cloud analysis. Cross-platform compilation gives us the capability to easily deploy to Linux based cloud platforms. We have even created limited versions of the algorithm for embedded systems.

Team Experience

Originally a spin out from HP Medical, the core team at Inovise has worked together for 15 years. We can offer engineering services with decades of experience in algorithm development, signal processing, software engineering, circuit board design, mechanical and industrial design, and clinical data analysis. Our clinical studies have collected thousands of recordings with clinical correlates, and we can offer these and our experience designing and running clinical trials to our partners.

Regulatory

As a former product manufacturer under FDA and CE governance, Inovise has years of experience operating in a regulated medical devices environment. We have designed and manufactured multiple devices with FDA clearance and CE mark. We have also assisted partners with regulatory applications for Japan, Taiwan, China, and India.

Inovise currently operates under ISO13485 QMS controls for our internal development and can work under our partner's QMS for integration.

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