

# RITHM WIRELESS MONITORING DEVICE & SOFTWARE PLATFORM

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## Hardware Device Outcomes:

- The device connects with a Mobile App with Bluetooth Low Energy (BLE) communication.
- Collects Key Vitals (Globally accepted Vital Parameters as per WHO) from the human body that as ECG, Blood Pressure, Temperature, Heart Rate, and SPO2.
- Ten more parameters can be achievable from the same hardware without any changes.
- The device collects the data continuously and sends it to the cloud for further processing.
- Data will be stored in the internal memory of the device when the connection is lost with the mobile app.

## Device Pictures:



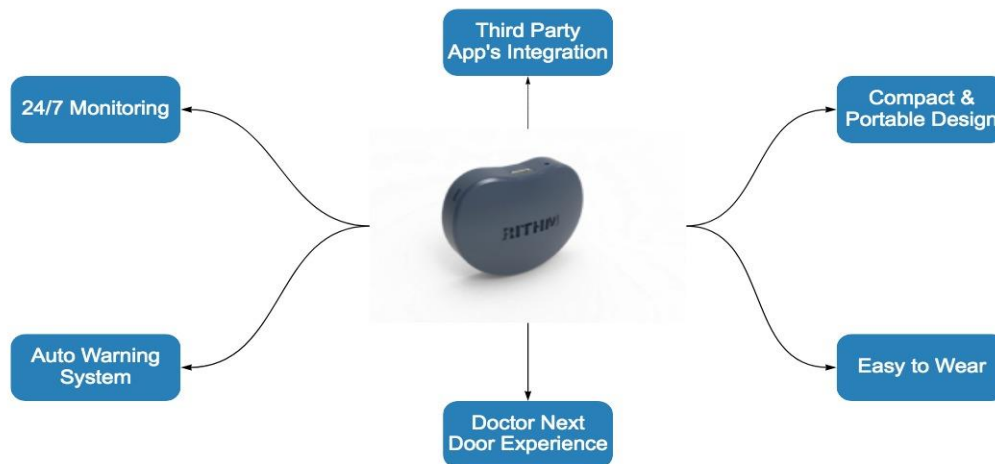
## Software Platform Outcomes:

- Collected Raw Data will be processed with Unique Algorithms developed by the DeepFacts Data Science Team.
- Validated Algorithms generate analytical reports with Vital Parameter interpretations which is helpful in physician's clinical decisions.
- These parameters interpretation will increase the accuracy of decision making in any specialisation such as Cardiology, Oncology, Nephrology, Radiology, so on.
- Any screening and diagnosis starts with knowing trends of vital parameters of current and past data.
- Doctor next to the door service.
- Third party integrations (Like Telemedicine Applications, Online Pharmacy) is possible with the present platform

## Mobile App Screen:



### Highlights of Device & Software Platform:



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### Key Differentiation from Existing Solution Providers:

Blood Pressure	<ul style="list-style-type: none"> <li>• Measuring blood pressure in a comfortable and reliable way</li> <li>• None of the present market have a truly wearable BP monitoring device</li> <li>• Doing that through a skin patch would have enormous benefits for patients and their medical professionals alike.</li> </ul>
Electro Cardiogram (ECG)	<ul style="list-style-type: none"> <li>• Provides detailed analytical report which helps Physicians to know the heart functionality with low cost model</li> <li>• Alert &amp; Notifications will be sent to Subject or User and also to Doctor with any abnormalities.</li> </ul>
Vector Cardiogram (VCG) – 12 Leads (Product in R&D)	<ul style="list-style-type: none"> <li>• VCG helps where exactly the problem in heart which is helpful to diagnose the problem by physician.</li> <li>• Provides magnitude and direction of the electrical forces from the heart</li> <li>• No VCG Wearable is available in the Market (Both Domestic &amp; International)</li> <li>• Most of the VCG Devices are Wire based with Portable carrying devices and used in controlled environment.</li> </ul>