# beamRx Telemedicine of Things:
# Always On. Always Connected.

## Market Ready Solution – Telemedicine with embedded IoT + Vital Alerts + Analytics

beam Rx as-a-Service

# Patented AI-generated Vital Alerts Detection and Dissemination and Qualified 911 calls

- Monitors User Biometric Sensors and Motion and compares it to User Bio versus Prior Data to generate 3 colored Alerts: **Green** **Amber** **Red**
- User Bio: Age, Gender, Weight, Height, Medical History
- Biometric: Heart Rate, Body Temperature, Oxygen Level, Blood Pressure, Respiratory Rate
- Motion Sleeping, Seated, Walking, Exercising, Etc.
- Prior Data: maps Biometric thresholds to bank of data such as NIH using user bio and motion
- AI-engine on Edge generates 3 color-coded alerts and status to Medical staff, designated contacts or emergency responders in seconds:
- **Green –** Normal — Annual checkup and routine Doctor visits
- **Amber -** Contact Doctor — Critical but not emergency signs detected – check with Doctor urgently
- **Red -** Life Threatening/911 response — Possible life-threatening signs detected. Evaluate and request emergency

**Beam has patented qualified calls from any medical device to 911 centers**

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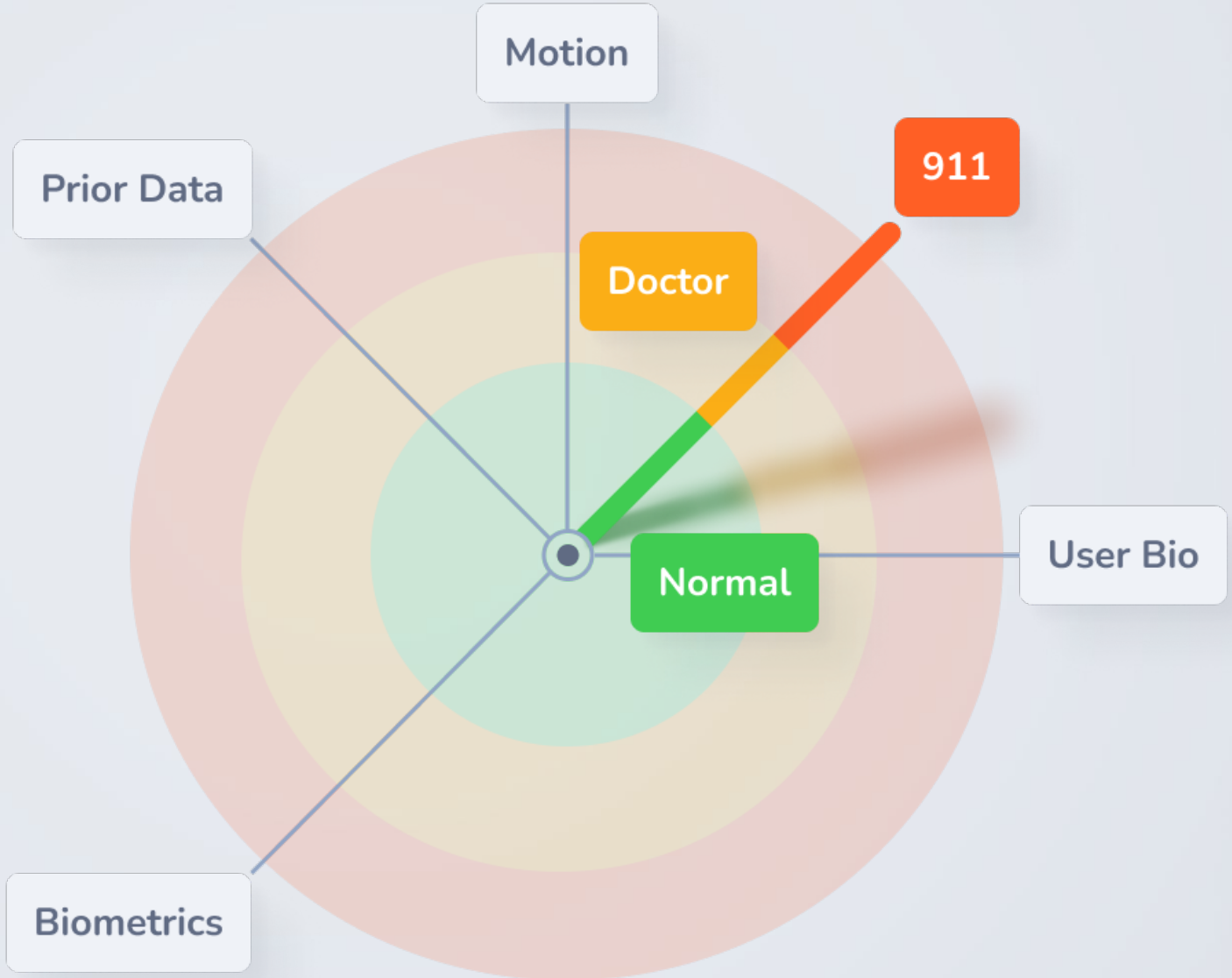
# Use Prior data to generate 3-colored Alerts

- Blood Oxygen levels
- Heart Rate
- 3-Lead ECG, HRV, QRS, RR Intervals
- Respiratory Rate
- Blood Pressure
- Skin Temperature