



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

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

- **“Healthcare Is Slowly Moving Out Of Hospitals & Into Homes.”**
– *Forbes Magazine*
- Beam addresses fastest growing segment of Healthcare market:
“Out-of-Hospital Care”
- Hospitals use advanced devices and internal infrastructure to monitor patients.
- Watches and other wearables offer social and casual monitoring of individual’s health.
- **beamRx** - Always-On and Always-Connected for Out-of-Hospital, Everyday and Emergency Care.

Why Always-on, Always-connected beamRx Architecture?

- Use of watches and other wearables offers social and casual monitoring of individual's health;
- But it fails to provide a reliable outcome for Out-of-Hospital Monitoring of Patients.
- Recent 18-months study:
 - Used smartphones, Bluetooth connectivity and wearables to monitor patients and clients by caseworker;
 - To-date, the outcome has failed to satisfy the objectives:
 - Does not offer reliable connectivity between patients and caseworkers;
 - Relied on costly continues monitoring by caseworkers.
- Beam architecture is the solution based on:
 - A low-cost mini-PC using AI and Edge Computing in partnership with Intel;
 - WiFi offers "Always-on, Always-connected" PC to Wearable connection;
 - Uses AI on Edge computing to provide alerts via simple messages as an alternative to Continuous Monitoring.

