ConnectedHealth™ eHealth Platform 3.0

- E2E platform that allows data from weighing scales, glucose meters, blood pressure monitors etc. to be transferred from patient to caregiver.
- Supports multiple protocols (Continua, Qualcomm 2Net, and other proprietary schemes.
- Built on open-source technologies, allowing cost effective adaptation to different business and workflows .

ConnectedHealth's *eHealth Platform 3.0 (EH3.0),* is a secure, Personal Health Record SaaS platform that facilitates end-to-end connectivity between medical devices and electronic medical records. Patients can use Bluetooth , Wi-Fi, USB and 3G enabled medical devices and gateways to send data to the Connected health EH3.0 platform. The EH3.0 platform supports connectivity with ConnectedHealth's proprietary and Continua-based gateway devices and applications, and   supports connectivity with other PHR systems, such as *Qualcomm's 2Net platform* and *FitBug's* personal health management systems.

The EH3.0 platform is built on JRE1.6, Tomcat, Axis and supports the Enterprise Edition of the Liferay Portal, allowing the platform to be rapidly adapted to address specific customer business needs.

The following narrative provides detailed implementation use cases of the EH3.0:

Managed Healthcare Organizations/Hospitals: Can use the EH3.0 platform as a cost effective SaaS platform to improve their patient management regime. The EH3.0 can be used to capture medical data from patients in both an in, and out-patient modality. Data can be captured by clinicians/nurses utilizing wired or wireless medical devices, associate the readings with specific patients, and send the information to the EH3.0 platform. Patients at home can use various gateways applications and devices to take readings and have their data automatically uploaded to the EH3.0 platform. Subsequently this data can be accessed by clinicians to review and monitor a patient's medical condition. While the EH3.0 Platform can be used as a stand-alone system, the EH3.0 platform can transfer data via Continua compliant or proprietary HMO/Hospitals back-end EMR system as well. The benefits of integrating ConnectedHealth's EH3.0 Platform include:

- Improved patient engagement and ability to self-manage care
- Improved provider engagement
- Patient loyalty
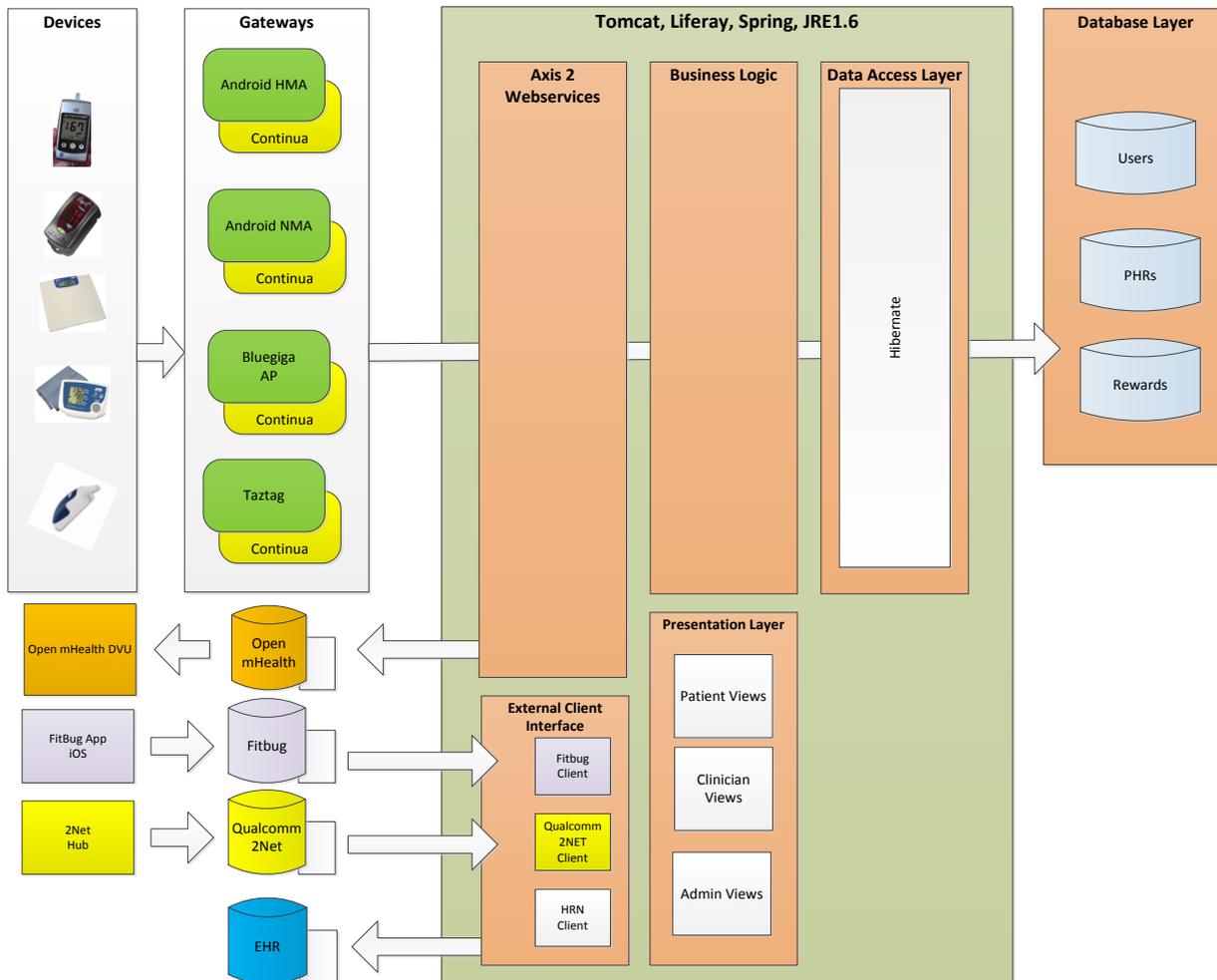- Improved care-coordinating performance

Insurance Companies: By providing a system to enable patients to self-manage their health, insurance companies stand to benefit through reduced admissions and medical claims. The EH3.0 can be integrated with existing work flows and existing platforms to enable patient self-management. Additionally interfaces are available to integrate with incentive/rewards programs, tying compliance (e.g. regular readings) with incentive/rewards program. The EH3.0 platform is built using robust, flexible open-source technologies which allows for rapid and cost effective integration with existing systems.

Future Proofing: While the goal for all participants in the eHealth eco-system is to support *universal* standards-based platforms, the reality is that there are many systems; devices, gateways, and EMR systems; each adopting non-standard, proprietary protocols for generating, managing, and consuming medical data. ConnectedHealth's EH3.0 platform addresses the reality of disparate systems by adopting a protocol-aware strategy and supporting an architecture that can easily accommodate existing and evolving technologies—such as Continua, Qualcomm 2Net, and others. A system that utilizes Connhealth's EH3.0 SaaS platform will be capable of interoperating with existing, and future, proprietary, and standards-based, technologies.

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Health Monitoring... Everywhere

How it all comes together

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