HEALTHCARE OF THE FUTURE

Healthcare services are transitioning from being confined to hospitals to being delivered to the consumer (at home, wellness centers or assisted living facilities). To drive Infosys' vision for 'Healthcare of the Future', the Hartford Living Labs brings together various solutions and prototypes from the Infosys Center for Emerging Technology Solutions (iCETS), as well as startups from the Infosys Innovation Network (IIN).

1 Non-invasive sensors embedded into living spaces to monitor daily living activities such as sleep timings, movement, the use of medicine cabinets, toilets, etc.

2 Ultra-Wide Band Radar Technology for fall detection and non-invasive heart rate monitoring.

3 AI hand-held device for ECG, Pulse Oximetry and IR Skin Temperature monitoring, thus enabling physicians to undertake remote diagnosis.

4 Integration of sensors and devices to provide a 360-degree view to the doctor and/or care provider. The Hospital Command Center enables remote monitoring of the patient as well as in managing the expanding scope of hospital operations.
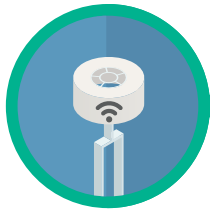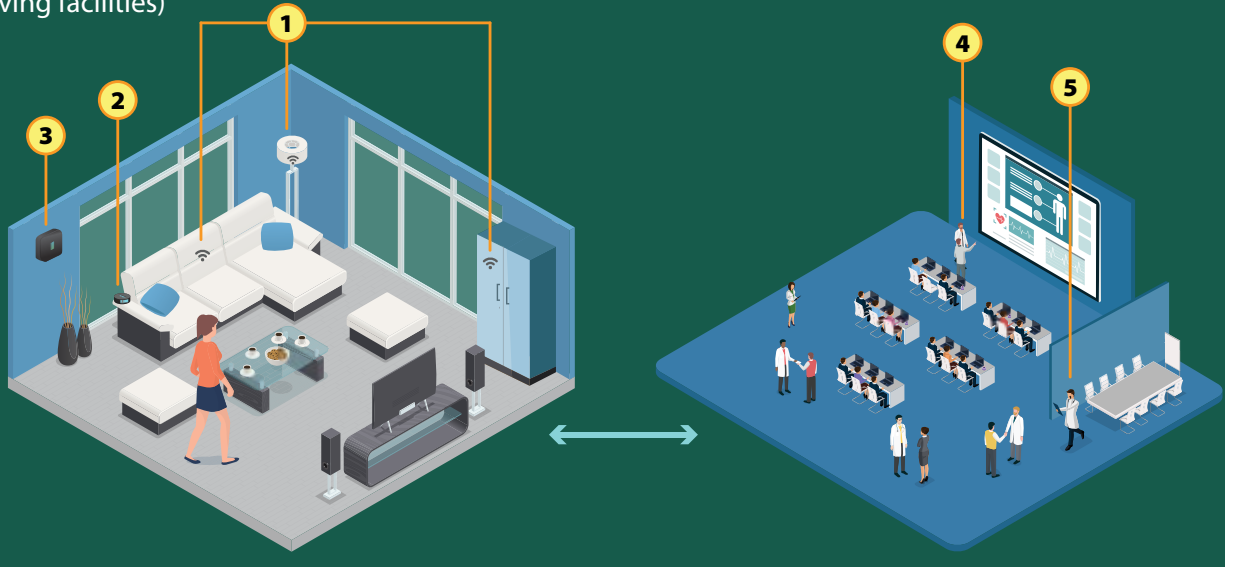
CarePlus

Infosys CarePlus is a Care Management Suite which connects the payer, provider and the consumer. It focuses on building relationships and enables smart care management decisions. The CarePlus platform also provides a hospital command center for a holistic view into hospital operations. It measures performance using various KPIs such as Hospital Readmission Rates and Patient Safety Incidents. By providing mechanisms like Telemedicine and Remote Patient Monitoring, CarePlus extends care beyond the boundaries of the traditional hospital. The platform also provides capabilities around Specialty Care Management, Opioid Management, Wellness Platform, Virtual Care and Disease Management, of which many have been implemented for multiple clients.

IIN

The Infosys Innovation Network (IIN) was launched by iCETS to globally engage with early stage startups. The IIN program is driven by the partnership between startups and Infosys, with the Infosys Living Labs construct acting as a catalyst. We have already on-boarded 10 startups which are focused on areas such as AI, Machine Learning, Blockchain, IoT, Smart Spaces, Robotics and Cyber Security. The program aims to create lighthouse wins for clients to experiment and implement the art-of-the-possible.

Living Spaces (wellness centers or assisted living facilities)

Hospital Command Center

1 — Non-invasive sensors to track activities of daily living such as sleep timings, movement, use of medicine cabinets, etc.

2 — AI enabled multi purpose device for ECG, Pulse Oximetry and IR Skin Temperature.

3 — Ultra Wide Band Radar for non-invasive fall detection and heart rate monitoring.

4 — Hospital Command Center maintains real-time tracking of hospital operations and remotely monitors consumers.

5 — Telehealth facilities for seamless patient interaction.

For more information, contact askus@infosys.com

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