

Company Name: Logica Pvt. Ltd.

Product / Solution Name: Healthcare Anywhere

Innovation Imperative:

Hygieia enables the paradigm shift – from symptom-based to preventive healthcare and from hospital-centered to person-centered health systems –, which is understood to ensure continuity of care at all levels, from prevention to rehabilitation, irrespective of the place. With ICT as cornerstone, pervasive computing as one of its tenants, Hygieia demonstrates the solution, - healthcare anytime, anywhere, to anyone, which can be delivered at much lower costs as compared to traditional delivery mechanisms without compromising on quality.

Brief Overview of the Innovation:

By using complementing concepts, such as telemedicine, electronic medical records, mHealth, and Connected Health, Hygieia takes relationship between physicians, patients, insurance companies and healthcare providers to the next level, where each stakeholder can seamlessly communicate and sift through or better manage respective health information conveniently, oblivious of the enabling technologies.

By facilitating monitoring of vital signs anytime of the day irrespective of location, Hygieia is able to ensure that personal health is not compromised, especially in post-operative scenarios. With a portable user interface (deployed on tablet, smart phone etc.), a citizen/patient may kick start vital signs measurement; the information once recorded would be dispatched to affiliated healthcare provider to keep an eye on abnormalities. Reminders to administer medicines, forthcoming appointments, and video consultations with concerned healthcare practitioners are facilitated seamlessly by Hygieia, thus ensuring the patient and physician are closer than ever before.

Hygieia adopts hub-and-spoke model to deliver quality healthcare in regions that are deprived of primary healthcare; community service centers in such regions are enabled to serve as spokes providing virtual consultation via secondary/tertiary hospitals located in nodal cities as hubs.

Benefits to the customer:

Hygieia serves multiple customer segments namely - chronically diseased, aged population requiring assisted living and health, primary healthcare deprived & wellness conscious people. Hygieia benefits different types of customers, chiefly: hospitals and healthcare providers, health insurance companies, and the end-users - patients and citizens.

➤ Citizens/Patients

- Continuous Monitoring ,appointments, prescription, medication outside the hospital setup
- Consulting (for depression, smoking cessation) and Wellness assistance (diet, fitness regimes)
- Affordable, accessible healthcare to sections that are deprived of primary healthcare

- Healthcare Providers
 - Lower costs – Reduced ALOS(Average Length Of Stay) in hospital and Staff cost, Savings in hospital inventory, Increase in productivity
 - Increased revenues – Ability to treat more patients in hospital, More consultations via Virtual Consultations, Post Operative revenue via remote monitoring
- Insurance Companies
 - Reduced claims, risk based premiums and better profiling of customers

Business opportunity:

With the population aging, number of chronic diseases increasing and medical staff decreasing, developed economies face surge in healthcare expenditures (9-16% of GDP) whereas, developing nations face basic issues such as accessibility, affordability and quality healthcare (India 9/6 vs. world avg. 27/14 - beds/physicians per 10000 population) . By adopting solutions such as Hygieia, it is possible to reduce hospitalizations up to 72%, transportation costs by 63% and physician's time by about 45%, leading to increased survival rates (up to 56%).