

Brochure

Revolutionizing Patient-Centric Healthcare with **Innovations from Health NXT**



Introduction

The recent pandemic, financial downturns, and accelerated technology adoption have dramatically changed the landscape for patients and practitioners.

The factors that drive the healthcare industry to adopt advanced digital technologies are:

- Surge in aging and chronic conditions demand 24 hours of connected care beyond the hospital.
- Disconnected ecosystem where business lacks a unified 360° view of care delivery and hospital operations.
- Empowered healthcare personas need to be well-trained through advanced technologies to be well-informed, avoid errors and adverse events of various health conditions.

These factors also ensure on-time availability of staff and equipment for a seamless customer experience. In this direction, Health NXT offers comprehensive solutions to revolutionize life sciences and healthcare industries through connected technology, innovation, and research.

Business Problems



Challenges related to patient safety-

Healthcare systems encounter various issues, encompassing medication errors, diagnostic inaccuracies, and surgical mishaps.



Issues with hospital management

systems - Lack of access to real-time metrics hampers response times, care delivery, and staff efficiency.



Lack of staff training-

Inadequate training can impede patient care. Hospitals must educate staff on medical and digital advancements for efficient care delivery.



Evolving consumer choices-

Consumer trends moved towards smart health devices and a preference for home-based care. Healthcare providers must adopt continuous value-based care beyond traditional hospitals.



LTIMindtree Solution

Health NXT leverages IoT, AI, geospatial, and other emerging technologies to develop multiple healthcare solutions. This offering covers remote care delivery, advanced assets, and resource management. It also offers real-time location intelligence and metaverse-based solutions for improved training and patient engagement.

Health NXT is built on foundational components of the Insight NXT platform. It accelerates time-to-market and correlates diverse data points from various sources. The goal is to provide advanced, analytics-based, actionable insights for multiple stakeholders in the healthcare industry.

LTIMindtree NXT Service Offerings for the Healthcare Industry



Remote Monitoring Suite

- ▶ IoT-based sensors for health monitoring
- ▶ Care team coordination
- ▶ Insights as a service



Smart Diagnostics

- ▶ Smart appointment scheduling
- ▶ 24x7 physician connect chatbot
- ▶ Virtual physician consultation
- ▶ Smart clinical decision-making

Connected Hospital

- ▶ Asset management
- ▶ Building management systems
- ▶ Digital twins
- ▶ Environmental, Social, and Governance (ESG)
- ▶ Intelligent Supply Chain
- ▶ Command center for providers



Ambulance Fleet Management

- ▶ Real-time visibility
- ▶ Route optimization
- ▶ Prehospitalization notification
- ▶ In-transit care
- ▶ Analytics – detailed reports



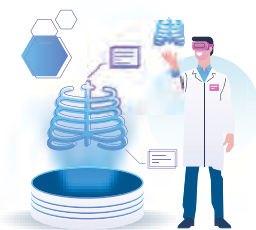
Virtual Training and Education

- ▶ Immersive training
- ▶ Patient clinical education
- ▶ Outreach



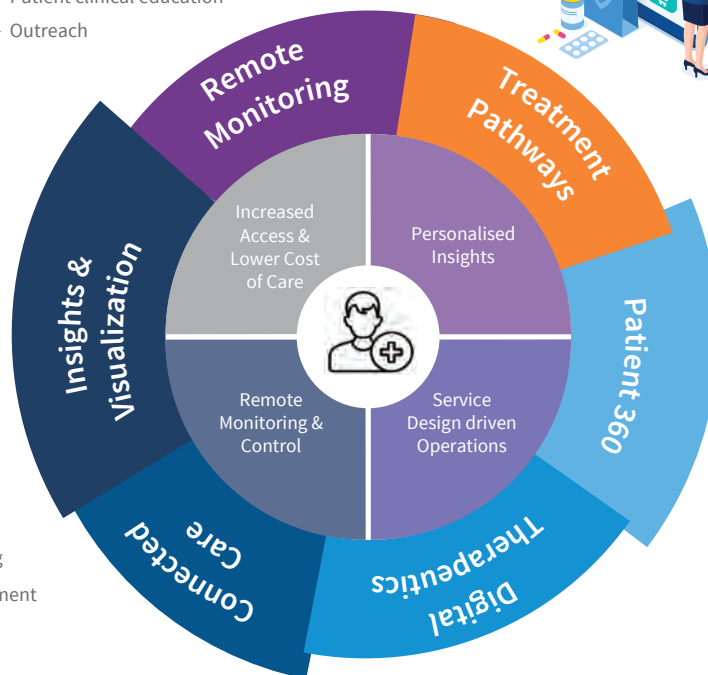
Digital Pharmacy

- ▶ Smart inventory check
- ▶ Counterfeit detection
- ▶ Track and trace
- ▶ Digital vocabulary – alternative medicines



Metaverse

- ▶ Clinical education and training
- ▶ Patient and physician engagement



Empowered Care Team

- ▶ Staff tracking and smart deployment
- ▶ Digital support for triage

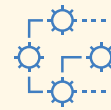
Some of the Benefits Include



Reduced time spent on hospital operations



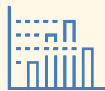
Optimized inventory costs



Improved equipment and staff utilization



Enhanced patient care and experience



Early intervention to reduce hospital readmissions



Quality training for clinical staff and students at a low cost

Why LTIMindtree?

At LTIMindtree, we offer ready-made, configurable solutions for faster go-to-market. The solution facilitates seamless onboarding of assets, devices, staff, and patients with minimum configurations. It also helps offer personalized care plans for enhanced clinical outcomes and integrates with hospital systems to provide evidence-based insights.

Conclusion

Patient-centric care is the main priority in healthcare; hence, Health NXT solutions are specifically designed to serve the patient's needs. These solutions empower healthcare providers and stakeholders with advanced digital tools for efficient operations, ensuring affordable and personalized remote care through service design-led efforts. Health NXT can assist biotech startups, large pharmaceutical companies, and healthcare providers in exploring new opportunities and achieving growth in the constantly evolving industry.

For more information, please contact us: <https://www.ltimindtree.com/contact-us/>

LTIMindtree is a global technology consulting and digital solutions company that enables enterprises across industries to reimagine business models, accelerate innovation, and maximize growth by harnessing digital technologies. As a digital transformation partner to more than 700 clients, LTIMindtree brings extensive domain and technology expertise to help drive superior competitive differentiation, customer experiences, and business outcomes in a converging world. Powered by 81,000+ talented and entrepreneurial professionals across more than 30 countries, LTIMindtree —a Larsen & Toubro Group company — solves the most complex business challenges and delivers transformation at scale. For more information, please visit <https://www.ltimindtree.com/>