Case Study

Industry-standard HI Analytics Platform & Simplified Information Access Process, for Leading Medical Products Manufacturer
Client
Global manufacturer of CPAP masks, machines and other products that diagnose, treat or help manage sleep-disordered breathing, chronic obstructive pulmonary disease, or other respiratory conditions.

Challenges
- Deliver a data model which integrates data from various HI applications with patient data and HIPAA/BAA compliance
- Design-effective therapy for different patient cohorts
- Understand compliance, usage, some asset specific metrics like utilization, etc. and further create strategies for better compliance
- Provide a Healthcare analytics platform to generate reports on-demand basis
- To provide link for HI data to ERP data on Products and Customer enabling reconciliation

Scope
- >3 million connected devices
- >3.5 million Patients data
- >1.5TB Total HI data volume
- Locations: Americas, EU & APAC
- >9000 Customers
- Sleep Therapy data of >1TB
- 30 GB daily processing volume

Solution
Multiple reports on HI Data, including:
- Product-mix
- Customer self-service
- Compliance
- Marketing & sales
- Ad-hoc analysis
- Strategic decision making
- Billing & Finance
### Business Benefits Delivered

**Patient Compliance**
- Enabled New Compliance predictor
- Shifts focus from 90% effort spent in data extraction to analysis activities
- Compliance reporting by key KPIs: Customers, Setup Month, Device Types, Locations

**Customer Self Services BI on KPI’s**
- Enhanced patient care management by improved staff monitoring
- Effective resource utilization through notifications

**Device Monitoring and Faults reporting**
- Improved device performance & quality through connected care
- Cost saving through effective device usage reporting

**New-age Billing and Product workflows**
- Easy and secure sharing of relevant information to drive positive health outcomes and workflow efficiencies
- 100+ K/year cost savings, enabled by CI projects’ due to streamlined billing-process

---

LTI (NSE: LTI, BSE: 540005) is a global technology consulting and digital solutions Company helping more than 300 clients succeed in a converging world. With operations in 30 countries, we go the extra mile for our clients and accelerate their digital transformation with LTI’s Mosaic platform enabling their mobile, social, analytics, IoT and cloud journeys. Founded in 1997 as a subsidiary of Larsen & Toubro Limited, our unique heritage gives us unrivaled real-world expertise to solve the most complex challenges of enterprises across all industries. Each day, our team of more than 27,000 LTites enable our clients to improve the effectiveness of their business and technology operations, and deliver value to their customers, employees and shareholders. Find more at www.Lntinfotech.com or follow us at @LTI_Global

info@Lntinfotech.com