LTIMindtree
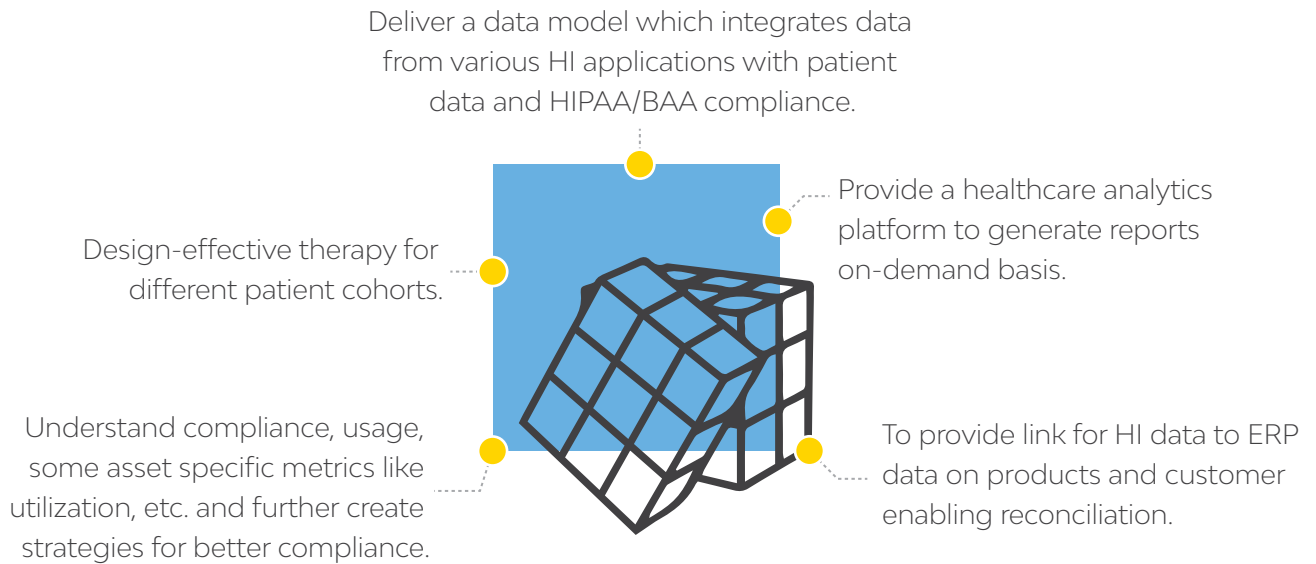
Industry-standard HI Analytics Platform and Simplified Information Access Process, for Leading Medical Products Manufacturer
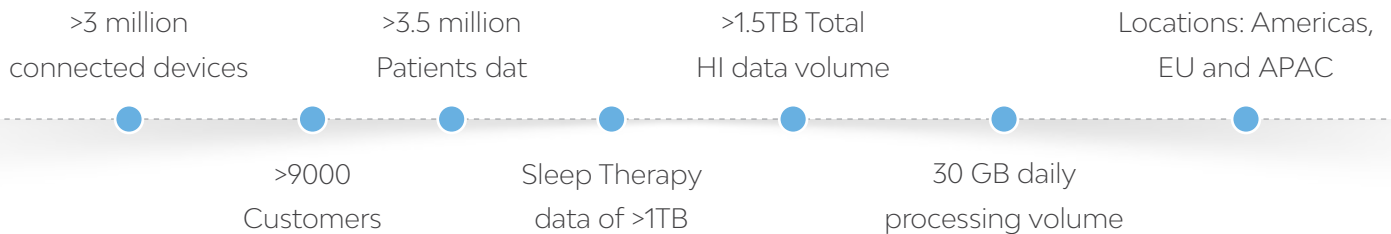
Client

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.
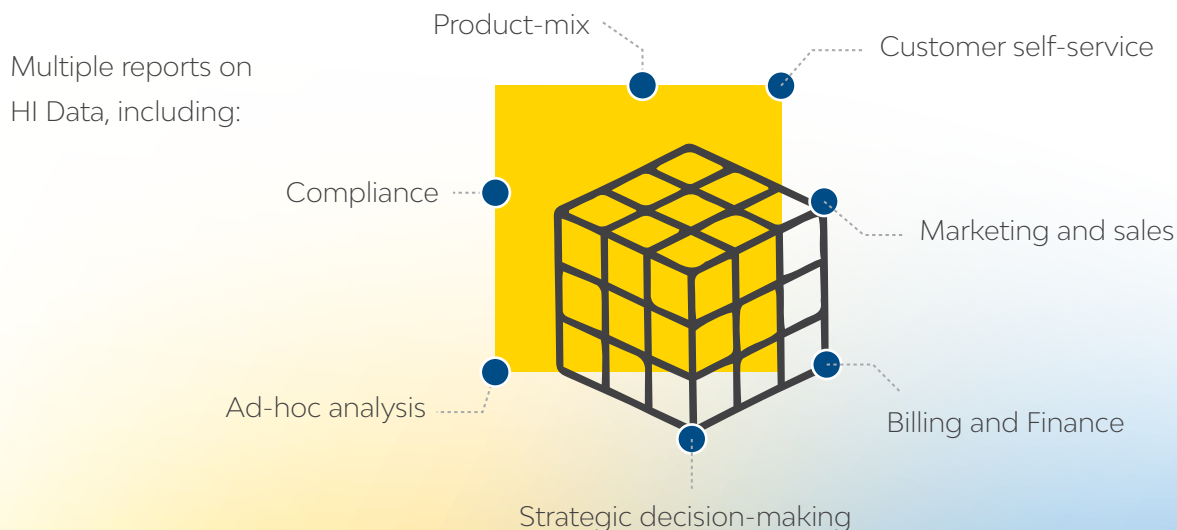
Challenges

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.

Provide a healthcare analytics platform to generate reports on-demand basis.

Understand compliance, usage, some asset specific metrics like utilization, etc. and further create strategies for better compliance.

To provide link for HI data to ERP data on products and customer enabling reconciliation.

Scope

>3 million connected devices	>3.5 million Patients dat	>1.5TB Total HI data volume	Locations: Americas, EU and APAC

>9000 Customers	Sleep Therapy data of >1TB	30 GB daily processing volume

LTIMindtree Solution

Multiple reports on HI Data, including:

- Product-mix
- Customer self-service
- Compliance
- Marketing and sales
- Ad-hoc analysis
- Billing and Finance
- Strategic decision-making

Business Benefits

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 and 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.