

Redefining Global Healthcare Paradigms

Leveraging Medical Data as a Service



STATE OF THE MARKET

The global healthcare industry is evolving, with next-gen technologies driving the next frontiers of the transformation. From cutting-edge telemedicine to streamlined access to digital health records, new-age technology has the power to revolutionize current healthcare delivery paradigms.

However, challenges persist. Patient data is often siloed between different doctors, departments, hospitals, and, even, across geographies. This results in incomplete and inaccessible data streams, minimizing the value of this key asset.

Again, multiple systems generate a diverse set of data formats that cannot be used directly to extract actionable insights. Combined with the overload from the introduction of new medical equipment and pathways, we are witnessing a fragmentation of medical knowledge, often resulting in a deceleration of patient care excellence.

We are therefore witnessing key challenges around:

- 01** Rising volumes of unstructured and dated patient data
- 02** Continued inability to sufficiently leverage the availability of data streams
- 03** A lack of data-driven planning and interventions in driving patient care

SOLUTION

LTTS' Medical Data as a Service (mDaaS) offering is a cutting-edge platform that helps healthcare organizations connect diverse healthcare information systems and leverage their data streams for unlocking new value paradigms.

mDaaS is designed to simplify the way healthcare organizations manage their medical data by identifying and integrating the data from diverse sources, visualizing, and analyzing it for making decisions, and helping in commercializing the available big data.

The solution enables:

Standardized and automated ways of data Collection and storage, data cleansing, stewardship (data governance), and enabling meaningful and actionable insight extraction,

Third-party integrations by leveraging open standard architecture principles and industry standard protocols,

API marketplace for data subscriptions and metering support, and

Secure access to real world data (RWD) with right tools and process for driving innovative solutions.

LTTS mDaaS: KEY FEATURES

Modular, secure, and cloud-agnostic solution (with support for on-prem deployment)

Industry and Open Standard based solution

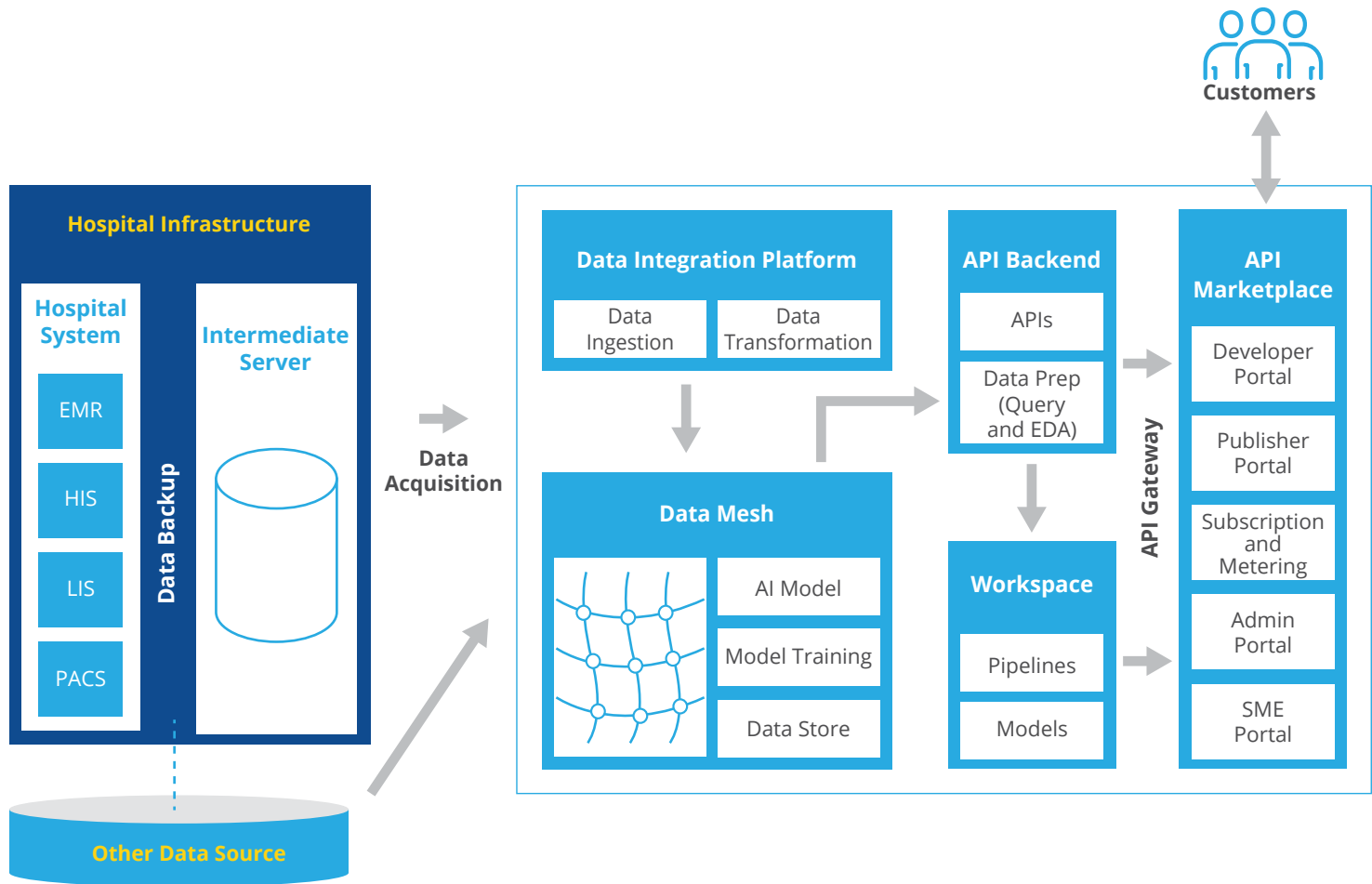
Supports single and multitenant approaches

Subscription-based data access

Integrated MLDAP for developing AI models

MLDAP*- Machine Learning Operations & Data Analysis Pipeline

mDaaS ARCHITECTURE



BENEFITS

LTTS' mDaaS framework helps redefine healthcare data collection and insight generation from various systems, ensuring:



Improved patient care with easy access to consolidated health information



Enhanced operational efficiency with streamlined processes for managing medical data



Support for the monetizing the available RW (real world) medical data by providing de-identified data access to researchers & developers



Faster creation of development ecosystem for innovative solutions

