INFOVISION
#AccelerateDigital

Optimizing healthcare data on the cloud

Infovision developed an API marketplace and a data lake for a major healthcare organization, enabling efficient API monetization and robust data management. This resulted in 100% automation, along with significant cost and effort savings.

Impact

100%
Automation
of API and data management processes

43%
cost savings
in operations

70%
effort savings
in deployment and integration

Client overview
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A prominent healthcare organization with a vast network of hospitals and healthcare providers, recognized for setting industry standards and advancing medical practices.

Problem statement
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The organization needed a scalable API marketplace to deploy, manage, and monetize APIs that would be used by healthcare professionals and administrators. Additionally, they aimed to gather accurate hospital and physician data through web-harvesting for a comprehensive data labs initiative. This was critical to improving data accessibility, supporting healthcare decisions, and driving innovation in digital healthcare services.

Solution delivered

We delivered a comprehensive cloud-based solution to address the client's needs

API marketplace

Developed a cloud-based API marketplace featuring secure backend APIs, robust data storage, and a user-friendly admin panel. Deployed scalable architecture using AWS ECS Fargate to handle high traffic and ensure API monetization.

Data Lake

Implemented a Data Lake for scraping, cleansing, and populating physician data from multiple sources, with Google Analytics integration for user activity tracking. Created audit reports for leadership to monitor data quality and compliance.

Tech stack

Cloud
AWS ECS Fargate, Terraform

API management
WPSO2 APIM

Backend
Secure APIs, Admin Panels

Data management
Data Lake, Web Scraping

Monitoring/Analytics
Google Analytics