

Case Study

Farmacias easily integrates Oracle RMS and cuts development time by 30%

OpenLegacy's microservice-based APIs empower the digital transformation of Mexico's #1 pharmacy



30%
shortened
development time

4
months to migrate from
MSSQL to Oracle RMS

With over 1,600 locations and 12,000 employees in 40 cities across the country, Farmacias del Ahorro is the number one pharmacy in Mexico—which translates to thousands of patients, physicians, partners, and health records. For nearly three decades, this pharmaceutical chain has provided health services with a combination of customer care, fair pricing, and a wide variety of products.

Healthcare ■ MSSQL & Oracle RMS ■ Web & Mobile Entertainment ■ DevOps



The Challenge

Enhancing digital to accelerate growth and accessibility

In looking to enhance its digital infrastructure, Farmacias del Ahorro wanted to deliver even more services to a mobile, plugged-in audience. However, easily accessing their existing legacy system was a challenge. Their goal was to integrate their recently acquired Oracle RMS solution with their legacy system. Specifically, Farmacias del Ahorro wanted to:

- Painlessly migrate information from MSSQL to Oracle RMS
- Shorten time required for development and data integration
- Enable next-generation digital services, products and transactions through web and mobile
- Support their digital strategy shift from SOA to microservices

The pharmacy chain was ready for the future, and looking for the tools to take them there. OpenLegacy delivered.



The Solution

Working with both Farmacias del Ahorro and 6Delta, the OpenLegacy team got to work immediately, applying DevOps methodology to optimize productivity as well as the operating environment. The solution for Farmacias del Ahorro included a customized OpenLegacy connector that extracted information about the databases using Apache Kafka.

The Apache Kafka OpenLegacy connector was critical to both seamless connectivity and the chain's strategic shift from Service Oriented Architecture (SOA) to microservices. OpenLegacy's platform

enabled Farmacias del Ahorro to analyze metadata from their target system. The platform then generated standard Java microservices that include business logic, plus APIs.



The Result

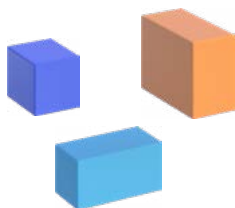
Shorter development time, lower development costs

Reducing dependencies on ESB's, cost and time-to-market, Farmacias can use a modern microservices architecture to deliver the required digital products and services.

With a simple microservices-based API platform, Farmacias del Ahorro was able to lay the groundwork for their present digital needs as well as their future digital growth. Within just 4 months, Farmacias del Ahorro successfully migrated their information from MSSQL to RMS, embraced a microservices-based strategy, and exposed services for streamlined access.

The OpenLegacy ultimately improved accessibility and productivity for Farmacias del Ahorro, decreasing development time for the integration of their back-end systems by 30%, and saving the company tens of thousands of dollars in ongoing development costs.

Farmacias del Ahorro's customers and partners receive enhanced, faster access, improved responsiveness, and continued trust and loyalty.



We knew the outcome we wanted, but weren't clear on how to get there while maintaining our existing investment. OpenLegacy showed us the way, and saved us time, effort, and money.



**Victor Duran, Director,
Project Management Office**

About OpenLegacy

OpenLegacy's Digital-Driven Integration enables organizations with legacy systems to release new digital services faster and easier than ever before. Connecting directly to even the most complex core systems, OpenLegacy automatically generates the digital-ready components needed to integrate legacy assets into exciting new innovations. With OpenLegacy, industry-leading companies release new apps, features, and updates while spending a fraction of the time and resources, so they quickly and easily become digital to the core.