



Case Study

Maccabi Healthcare Services

Transforming Legacy Developers into First-Class Citizen API Developers



Maccabi Healthcare Services is Israel's second-largest HMO and healthcare insurance provider, serving 2.4 million members. Maccabi provides full-life health services, including clinics, hospitals, pharmacies, dental clinics, optometry stores, and assisted living homes for the elderly.



The Challenge

To modernize its monolithic IT structure, Maccabi needed to create microservices from their COBOL programs while maintaining its core IBM i operating system. Maccabi also wanted to improve time-to-market for function and feature rollouts, automate efficiencies by using generic contracts, and turn COBOL programmers into first-class citizen API developers.

Maccabi created a pilot program to develop two microservices: one that manages medications and another that provides a physician-patient messaging service. The schedule allotted three months for development and two months for deployment. The ability to connect 'anything to anything' made OpenLegacy the only vendor that could meet Maccabi's requirements.



The Result

Maccabi's legacy developers became first-class citizen API developers by using a no-code tool that can realize any business logic in a matter of hours. The microservices were successfully developed and deployed on schedule with all business endpoints. Following the successful pilot, Maccabi has chosen OpenLegacy as its integration partner for their modernization journey.



The Solution

OpenLegacy and Maccabi developed a strategy for the transformation process.

- COBOL developers create internal APIs.
- Business Analysts provide a generic contract to be used by all microservices teams.
- Business Analysts create specifications for every relevant operation of each microservice.
- COBOL developers use the generic contract to build microservices, and implement the specified business logic using OpenLegacy Hub—no coding or knowledge of advanced technologies required.
- The CI-CD process is implemented and the microservices deployed using a no-code approach.