

Case Study

Bezeq Built Modern Mobile Apps to Support HR Systems

OpenLegacy Built Connection Between Portal and SAP Quickly and Easily

**180**

APIs created in
1.5 years



Kerberos security deployed
without middleware

Bezeq provides comprehensive communications solutions throughout Europe via internet, telephone (international, domestic and intra-organizational), IT and cloud computing services, and more.

Telecomm ■ SAP ■ Microservices ■ Mobile ■ Kerberos



The Challenge

Mobile usage, single sign-on, expense reporting on the go

Thousands of Bezeq employees use a portal for all HR-related activities, from vacation requests and expense reports to travel approval and meeting room reservations. However, this portal, developed in .NET, no longer provided the most up-to-date functionality, and developing new features took a long time and involved multiple teams. In addition, the cost reporting features were no longer in line with how employees submitted expenses. The portal's slow speed and outdated interface was a nuisance for the employees who depended on it.

To address these problems and keep up with the high volume of requests, Bezeq decided to implement LDAP Authentication, Single Sign-On, support for Kerberos and access to standard and custom Business Application Programming Interface (BAPI) methods for SAP ERP ECC6.0. The company also

wanted to avoid expensive middleware, and didn't want to subject thousands of employees to the steep learning curve of an entirely new system.



The Solution

Building a cloud-native infrastructure

The OpenLegacy platform allowed Bezeq to add new functionality to their existing SAP ECC6 that supports all financial, logistical and human capital activities. The platform uses microservice-based APIs to structure an application as collections of loosely coupled services, implementing business capabilities.

These microservices allowed the company to keep their legacy system, thus eliminating any learning curve. Bezeq also created mobile apps leveraging the APIs. OpenLegacy supports all versions of SAP. Development time is much faster as the developers use the OpenLegacy platform to automatically generate new APIs.

With the use of OpenLegacy, .NET applications are working directly on top of SAP, with no need for any middleware. Eliminating middleware solutions resulted in better performance even at high volume. In addition, there is a reduction in licensing costs of middleware solutions.



The Result

Modernized mobile apps

With the help of OpenLegacy's solutions, the company's portal now fulfills the most current needs of thousands of employees. A new set of APIs being developed will support mobile applications used by technicians in the field to quickly and easily submit expense reports by uploading photos from the employee's phone.

Integration to SAP now is a business enabler rather than an inhibitor

In addition, the microservices solution accommodates the changing needs of the company's cost reporting system. In three days, OpenLegacy developed 8 REST APIs on top of the SAP Human Capital Management module for expense reporting, providing much-needed flexibility. In a year and a half they created 180 API and now create them based on business needs.



OpenLegacy helped us unlock the power of microservices.



Bezeq Telecom

For example, some costs are subsidized by the company, so the mobile application shows the amount subsidized by the company (varies by employee) and enables uploading of receipt images to into the SAP Document Management System.

Better support for Security protocols

The OpenLegacy platform added digital security and also enabled a smooth integration to Kerberos without the need for complex middleware.

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.