OpenLegacy
Digital to the Core

Case Study

Israel Airport Authority replaces old HTML emulation solution with modern web application

New application meets modern standards, and takes hours versus days to add new functionality

| Government | IBM System i | Mobile Application |

Deemed by many (including former NYC Mayor Michael Bloomberg) as "The Safest Airport in the World," Ben Gurion Airport is Israel's primary international airport. Managed by the Israeli Airport Authority (IAA), the airport employs thousands of professional security personnel, including security officers and shift employees. The IAA also manages all other airports and border terminals in Israel.

The Challenge

IAA uses IBM System i (AS/400) applications to handle all aspects of security personnel management, including shift planning and assignment. To access these core applications, IAA had a basic HTML web emulation developed almost ten years ago. They paid tens of thousands of dollars per year for this application that did not support today's browsers and web standards. The application required time-consuming and costly development in order to support mobile connectivity and add new functionality. On average, adding a new page to the application required 2-3 days of work by an experienced web developer.

Application flexibility, ease of use, and the ability to quickly make changes to employee shifts on the go were needed for the IAA in its mission to ensure the highest standards of security and efficiency at the airports and border terminals it manages. The costly, dated web application did not meet IAA's high standards of usability and connectivity.

The Solution

IAA turned to OpenLegacy to replace its old HTML emulation solution with a modern web application supporting all the new web standards, including mobile connectivity.

Using OpenLegacy's platform, IAA's engineers developed a dedicated mobile application for security officers that enabled them to manage employee shifts. IAA developed the application developed in one week.

The new web emulation uses the latest web standards and is compliant with modern web browsers. Leveraging OpenLegacy's built-in rich web interface, the new web application features a modern, user-friendly interface that does not require custom web development to create. IAA didn't need HTML or web knowledge to use OpenLegacy's platform.

The Result

Cost savings and instant ROI

By replacing the HTML emulation with OpenLegacy's solution, IAA eliminated the costly maintenance fees and achieved instant ROI.

Mobile connectivity, upgraded web application—increased productivity

All security officers now access the IBM System i applications remotely to manage employee shifts. The new web application is accessible via any web browser, and adding new functionality to the web application takes hours, instead of days. All these changes mean increased productivity and time saving for IAA's personnel.

The IAA was established in 1977 to maintain, operate, develop and manage key Israeli airports. Pictured above is a major project to create a fourth concourse at Ben Gurion airport to manage the growing millions of passengers.

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.