OpenLegacy
Digital to the Core

Case Study

Global tire manufacturer develops mobile applications for IBM i

Engineers get access to product data on factory floor to speed their workflow

Manufacturing | IBM System i (AS/400) | Remote Data Access

Founded over 60 years ago, this global tire manufacturer has a presence in 120 countries. The company is the market leader for Off-Highway Tires: It manufacturers and distributes cutting-edge tires for vehicles in special industries like agriculture, mining, construction, forestry, and manufacturing. Technology is at the heart of the company's strategy, as a global company operating world-class R&D centers and factories in multiple countries.

The Challenge

As part of their workflow, the company's engineers spent a significant portion of their work day on the factory floor. As they moved around the factory, the engineers needed access to product data—the ability to look at product images, dimensions, and other information—from anywhere during their work day.

Unfortunately, product data was "locked" in an IBM i (AS/400) application, making it accessible to the engineers only at their desks. To further complicate matters, some of the product information was available only as PDF files on the company's network. This required the engineers to go back and forth between multiple screens and the PDF files to view all the relevant information for the products they were examining.

The Solution

The manufacturer used OpenLegacy to unlock product data and make it accessible to its engineers wherever, whenever they need it. Using OpenLegacy's platform, the company developed a tablet application in a few days that seamlessly integrated data from the IBM i product catalog application and the PDF files.

Now, it is easy for the engineers to view product data on the factory floor. The tablet application lets users search for products, and see aggregated information from four different screens and the PDF files. The information displays in a user-friendly format that also allows for data updates back to the IBM i. In addition to the tablet, the engineers use the same application from their mobile phones.

> *I was blown away by how fast and easy it was to develop our new IBM System i app with OpenLegacy. We didn't need to write code for tablets or change anything in the IBM i application.We get all the benefits of the tablet, with the security and reliability of the IBM i.*
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> **IT Executive, Israel's Largest Bank**

A second mobile application enables system administrators to perform administrative tasks such as resetting user passwords and unlocking users—this application is especially useful during nights and weekends, when administrators are at home.

The Result

Mobilizing IBM i data and business logic—without costly investment

The manufacturer liberated its product data, making it accessible to engineers wherever they needed it. This was done without investing much time and resources into developing a new application, and without modifying the underlying environment. OpenLegacy's platform made it easy for the company's engineers to develop the tablet application in just a few days, thanks to its easy-to-use development environment.

Increased productivity and efficiency—leading to cost savings

The new applications save the company's employees several hours each week that were previously spent walking between the factory floor and the office, and navigating multiple applications. These time savings translate into thousands of man hours per year, or hundreds of thousands of dollars a year.

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 new exciting 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.