Smarter Software Development
Innovation, Near and Now.

Business Problem

Obsolete and inefficient application compromising the quality and excellence of Mogas' systems.

The challenge to develop and deploy a new "Test Certificate" application on a tight timeframe.

Solutions Delivered

State of the art application built using a mix of technologies: C# .NET, MVC 5, Entity Framework, SQL Server, Jquery and Bootstrap.

The team: 2 FS. NET Developers, 1 Project Manager Professional, 1 Software Architect, 1 Designer.

Business Challenge

With more than 10,000 valves deployed worldwide, MOGAS relies upon an application that ensures each valve passes extensive certification testing. **The application was judged to be obsolete and inefficient, jeopardizing the company's ability to ensure quality and excellence of its systems.**

To remedy this situation, MOGAS asked iTexico to develop and deploy a new **"Test Certificate" application on a tight timeframe.** In the process, it was decided that the new app would feature an **enhanced set of components** and **more automation** related to the testing processes.
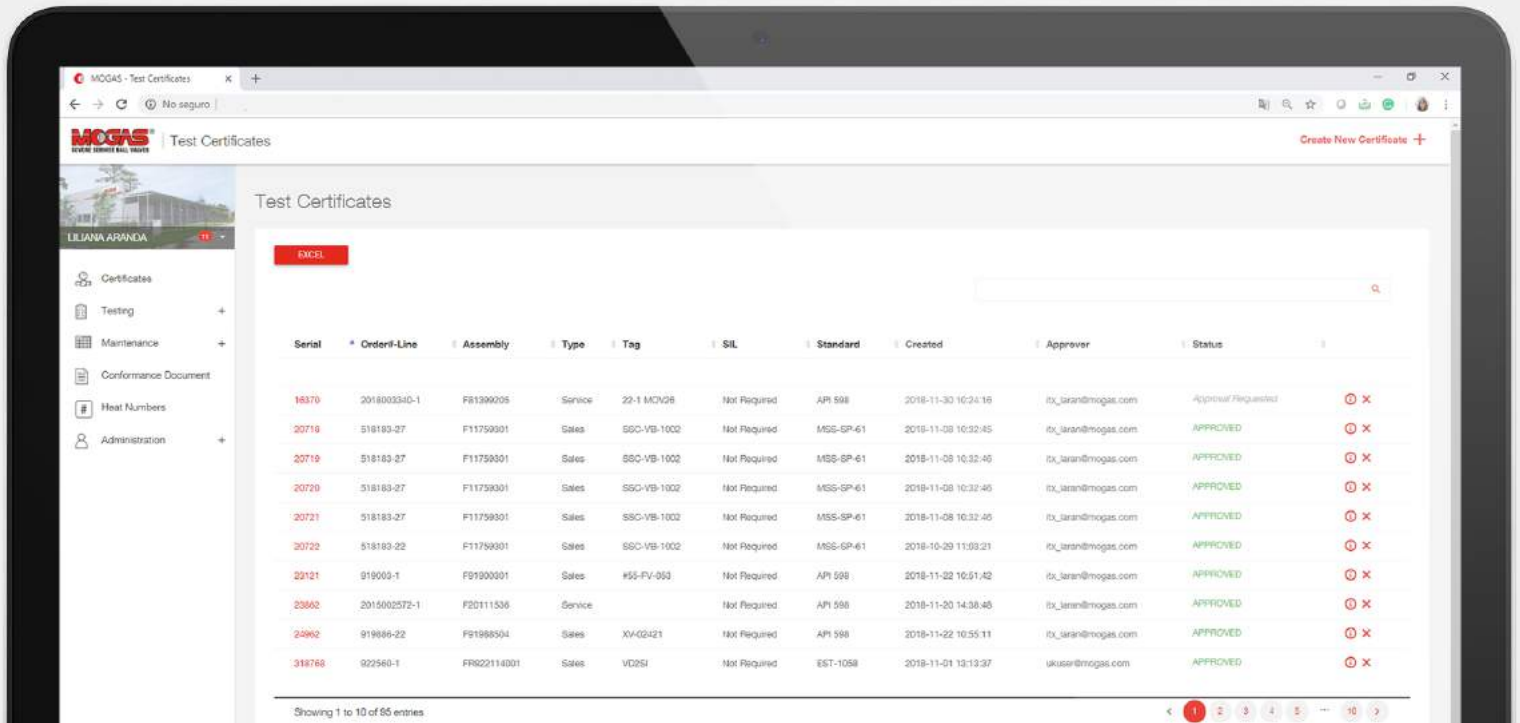
Technologies

A Well Rounded Team

iTexico partnered with MOGAS in a business planning session to better understand the system and its functionality. Additionally, iTexico's team visited MOGAS' facilities and also worked with end users of the system to observe how consumers integrated the application into their daily activities. Through **observation and research**, iTexico was able to understand the requirements document based on their real and functional needs.

- iTexico implemented a **customized, web-based solution** in which different users, depending on their roles, can execute testing, or verify, or create the final certificate for download.

- The app connects with other customers' databases to link mission-critical information. The user interface was developed with **simplicity in mind**, further enhancing the solution.

- The iTexico team built the web app using a **mix of technologies**, including C# .NET, MVC 5, Entity Framework, SQL Server, Jquery and Bootstrap.

Outcome

The resulting **state of the art** app allows users to create grids on the fly; provides for the export of modules to spreadsheets; and, offers the ability to generate outputs in PDF format. In the end, it allows valve customers to receive **Test Certificates that reflect the most critical information** gained from testing, as well as essential characteristics of valve construction.

¨*Quickly I was impressed with the management of the project and the professionalism of the iTexico team. We are pleased to be working with iTexico, since we have been able to leverage the additional resources, and we look forward to doing other projects in the future*¨.

IT Director at MOGAS Industries

Delivering the right solutions for your digital innovation strategies

Contact Us   sales@itexico.com   (855) 602-1949   **www.itexico.com**
4807 Spicewood Springs Rd, Building 2, Suite 425 Austin, TX, 78759

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