

# AMS Case Study 01

## **Client Background**

One of the premier provider of automotive information and marketing solutions to the automotive world and its related industries—automotive and commercial vehicle manufacturers and dealers, automotive aftermarket companies, insurance companies, finance companies, media companies, advertising agencies, consulting organizations, government agencies and market research firms.

## **Project Objectives**

The application combines all of the client's new, used and Vehicles in Operation registration data with sales and demographic information to give user the power of instantaneous querying, extensive data analysis, on-demand graphing and mapping, and the ability to act quickly on marketplace trends.

## **Technologies of the Project**

Adobe Flex, Oracle, HP Quality Center, HP Quick Test Professional, SOAP UI, XML, Web Services, LINUX

## **Project Solutions**

AMS is currently providing QA testing services to this client. Project mainly involves agile methodology with very high pace environment. Testing all functional points within sprint duration of 2 weeks and signing off sprint with updated Test Plan, Test Results and other QA deliverables is quite a challenging job. Abacus has gained client's confidence by delivering 100 % QA'd product on time. Environment and technologies, each product uses is different than the other. As Abacus team is well-versed in different QA testing techniques - Automated tools, Web Services, XML, SQL, UNIX, Messaging protocols; client has always favored consulting with Abacus than to internal resource. Abacus has also provided internal/external UAT services and environment set-ups for product launching.

## **Benefits to the Client**

Over 6 Agile projects were undertaken at client location. All were delivered on time with 100% QA effort. Automated manual regression tests using HP Quick Test Professional and SOAP UI, reducing manual regression effort by 70% and improving test reliability by 90%. This has induced cost savings to 40%.