

RMS optimizes efficiency and reduces business risk coverage while accelerating testing time and efforts



I had to replace existing tools that were end of life and was hoping to find a new solution to overcome the traditional restrictions around functional automation being the cost of development, maintenance and transparency - Tosca solved these and a whole lot more.

Mike Hallatt
Manager of Quality Control at RMS

About NSW Government Roads and Maritime Services

Roads and Maritime Services (RMS) is a New South Wales (NSW) State Government agency providing services for licencing and registering vehicles, managing compliance to rules and regulations, delivering tolling services, traffic management, environmental management, infrastructure management, and regulating users of roads and waterways. RMS has a vast range of customers, including individuals, private organisations, community groups, local councils, State and Federal Government agencies.

Business Setting

One component of RMS' software quality assurance is a second-generation automa-

tion solution (script-based) that is coming to the end of life. A move to component based software and service orientated architecture (SOA) meant that existing tests were no longer effective, RMS had to back-up their automated regression testing with manual test execution, in essence doubling some of the effort for regression testing.

Business Challenge

Manual regression testing had over time become a major scheduling and cost challenge, and the existing (script-based) test automation required high maintenance. The challenge was to establish a maintainable and cost effective test automation solution that is easy to maintain and highly effective in its coverage and transparency. RMS

wanted to future proof its functional test automation with one automation solution.

Tricentis Solution

In less than nine months the core regression suite for two major RMS systems covering five applications was automated, totalling 2,255 test cases, 338,715 test actions, and covering a total of 20,266 verification points. The systems included in the automation project were DRIVES (green screen terminals used by RMS staff for vehicle registration), eBusiness applications such as myRego and myEtol, a Business to Business integration layer for car dealers, an Incident Management System for NSW motorways, and an SAP system for various business functions. ■

SAP EXECUTION TIME



OPTIMIZED EFFICIENCY



ACCELERATE TIME TO VALUE

