ComSuper reduces execution efforts and achieves higher business risk coverage through test automation optimization.

> *As part of a legacy replacement system we needed to develop a comprehensive regression test suite to deal with frequent releases of the new system. Our existing script-based automation approach wasn't responsive enough...*

Mandy Slater
Test Director at ComSuper

About ComSuper

ComSuper is an Australian Government agency responsible for administering the major superannuation schemes available to Australian Defence Force members and the majority of Australian Government employees.

Business Setting

The superannuation schemes are amongst the largest and most complex occupational superannuation schemes in Australia having a combined membership of over 700,000 contributors, pensioners and preserved benefit members. ComSuper collects over $2 billion in superannuation contributions and pays nearly $6 billion in pensions every year. ComSuper has a standing testing team of approximately 30 staff. The team provides testing services to all projects and business as usual systems updates.

Business Challenge

The legacy system was built with Gupta, an old, unsupported technology that was challenging to automate with other tools. The replacement system is a .NET application. Critical business functions, such as processing superannuation benefit claims, have many complex permutations of business rules related to the superannuation schemes. In some cases, the 'grandfathering' of rules goes back decades. A critical part of the challenge was to build confidence among testers who had no programming skills.

Tricentis Solution

Tricentis increases test automation coverage from approximately 10% to more than 70% of ComSuper's business functions. A reusable test library for both manual and auto testing is also created once the project has gone live. Tricentis has also built confidence among ComSuper testers who have had no previous programming skills.

Following the initial implementation on the legacy replacement project, Tricentis extends Tosca to the other administration system and replaces the script-based regression test suite, where test automation is expected to have high rates of coverage. ∎

INCREASE IN RISK COVERAGE
83%

OPTIMIZED EFFICIENCY
70%

ACCELERATE TIME TO VALUE
2 weeks — Reduced to