Business process driven test optimization for an Insurer

Client
The client is a UK-registered mutual insurance composite, underwriting over £1.5 billion in annual premium in life and general insurance lines for rural communities within the UK.
Frequent regulatory changes and the launch of new products and variants to existing products necessitated changes to the core business applications. The client also had to introduce a new core administration system to ensure agility to the above business demand.

Mindtree delivered the following benefits in its testing services:

• Reduced Time-to-Test through standardization, centralization and automation of the testing process

• Ensured quality by achieving 98% defect detection efficiency in system and integration testing

• 25% effort saving through process centric application testing and reuse

• 55% automation coverage for Point of Sale applications

To ensure sustained quality and consistency in business operations, Mindtree offered testing services covering a wide range of life and savings products such as Term & Whole of life variants, savings and investment products including ISAs and bonds, retirement products including pensions and annuity offerings catering to both individuals and workplace groups.

Mindtree’s scope included end-to-end testing of the client’s new core admin system for savings and pension products and functional enhancements to existing systems. The testing work encompassed sales, marketing, new business, underwriting, customer management, policy admin and document management.

Mindtree adopted a business process-driven testing approach by baselining application business processes and scenarios for a base product group and capturing incremental changes and associated business scenarios for other product groups. This ensured optimal test coverage across products and processes. This also ensured reusability of the test cases for future releases in similar projects and maintained 100% requirement traceability in HP ALM for all changes.