

The Prolifics logo is displayed in a white, italicized, sans-serif font against a dark blue background. The background of the entire top section features a blue globe centered on the Americas, surrounded by a network of white lines and binary code (0s and 1s) on a dark blue background.

CASE STUDY

*Testing Drives Agility and Savings*

**Private Mortgage  
Insurance Company**

## **Business Value:**

### **Speed, Scalability, Early Defect Detection, Advanced Test Automation**

**The challenge:** Our client enables borrowers who can only afford low down payments to become homeowners, while at the same time protecting lenders and investors against losses related to borrowers who default on their loans. Over the years, a complex IT infrastructure evolved to support the business lifecycle. The client realized they lacked a robust, automated process for regression, functional and performance testing. The client wanted a reliable partner to provide seamless quality assurance (QA) functional and automation services.

**The solution:** Prolifics implemented a Testing Center of Excellence (TCoE), using automation to execute hundreds of parallel projects. This included:

- Performing a detailed study and gap analysis of existing test cases
- Building a robust regression suite with improved coverage and reduced production defects
- Implementing a channel automation suite for validation of multiple integration points and a mortgage parameter-based strategy for full test coverage
- Streamlining the integration and end-to-end test cases while continuing to increase the regression coverage and track defects

**The benefits:** The new TCoE provides continuous support with an advanced test automation solution that is executed bi-weekly before migrating any changes into production. This solution achieves 97 percent defect removal effectiveness with more than \$1 million in savings annually.

**Prolifics**  
Global Technology Solutions Provider



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