



AI-Led
Quality Engineering
**Redefining Excellence
for Business Growth**



Business today are undergoing rapid digital transformation, driven by the need for faster product launches, seamless integration, and robust quality assurance. However, customers face significant challenges in maintaining quality across complex systems while meeting customer expectations.

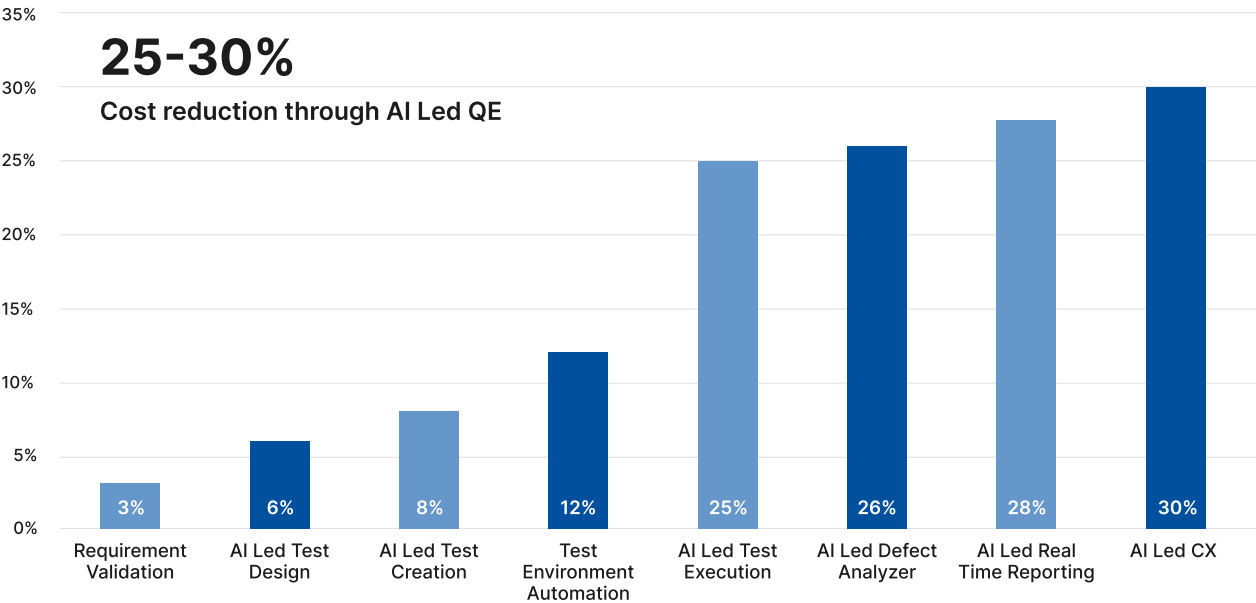
These Challenges Include

- 1 Prolonged Launch Times:**
Manual testing delays market entry.
- 2 Legacy System Challenges:**
Complex modernization with high risk.
- 3 AI Chatbot Testing:**
Traditional methods struggle with NLP validation.
- 4 Change Request Testing:**
Frequent updates risk data inconsistencies.
- 5 Scaling QA:**
Expanding portfolios hinder consistent quality.



QKTech's AI-led Quality Engineering provides a platform designed to accelerate testing cycles, enhance release quality, and ensure seamless integration across insurance ecosystems. Built on over 25 years of domain expertise, our solutions empower insurers to deliver superior digital experiences while optimizing operational efficiency.

QKTech's Platform for AI-Led Quality Engineering



Our Structured Approach Ensures Comprehensive Quality Engineering Tailored For Customers:

AI-Led Test Execution

Optimize testing with intelligent scheduling, parallel execution, and automated reruns.

Test Environment Automation

Automate environment setup using containerization and infrastructure-as-code principles for production-grade consistency.

AI-Led Defect Analyzer

Leverage machine learning algorithms to categorize, triage, and analyze defects. Detect patterns, suggest fixes, reduce Mean Time to Identify (MTTI) and Mean Time to Resolve (MTTR), ensuring swift remediation.

AI-Led Continuous Improvement

Continuously refine test strategies using feedback from each cycle to address coverage gaps and adapt to evolving business needs.



Requirement Validation

Validate over 500 predefined requirements across financial, non-financial, and regulatory dimensions.

AI-Led Test Design

Use advanced AI models to create optimized test cases reflecting critical business workflows.

AI-Led Test Execution

Optimize testing with intelligent scheduling, parallel execution, and automated reruns.

AI-Enabled Real-Time Reporting

Provide real-time dashboards with predictive analytics for actionable insights into quality metrics and release readiness.

The QKTech Advantage

Our AI-led Quality Engineering platform leverages decades of domain expertise to transform traditional testing methodologies. By combining historical data with AI-driven insights, the platform reduces the software testing lifecycle by up to 40%, ensuring quality, compliance, and speed without compromise

1000+ Digital Products Validated through Automation
Comprehensive validation history tailored to diverse enterprise applications.



150+ Enterprise Applications Tested
End-to-end validation across key functions—from onboarding and transactions to post-sales operations.



250+ Core Business Processes Covered
Proven expertise across mission-critical workflows ensures reliability and seamless integration.

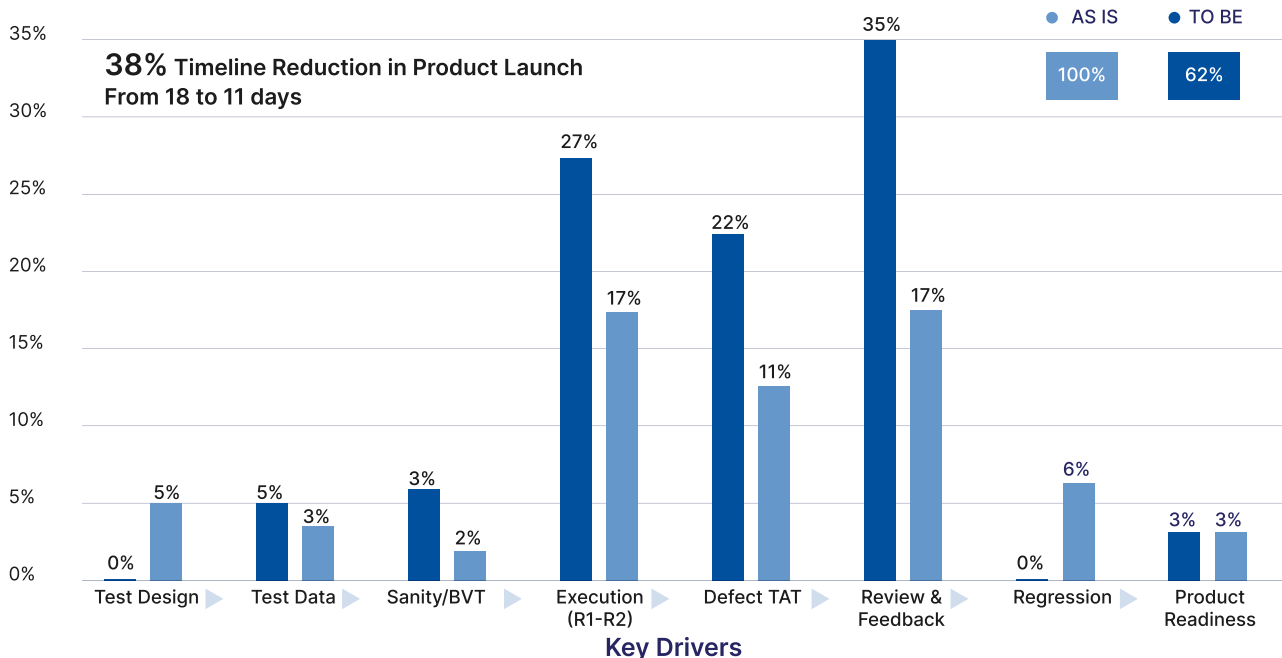


1M+ Pre-built Test Cases in Our Repository
A robust repository embedded within the platform enables precise, requirement-driven testing and faster go-to-market cycles.



Case Study

A Growing Asian Insurance Company Slashed 38% of their Product Launch Time From 18 days to 11 days



Automation 1st

Rapid Assurance-100% API automation, BVT Automation and Regression Automation
Execution Optimization



Execution Optimization

Reusable Template- Identification of early GAPS in requirement
| Build quality



Coverage Optimization

Unified Design- Reusability, Comprehensive product

Arrest defect from slipping into production at speed