

# CASE STUDY

## MASTEK: ENHANCED TEST AUTOMATION AND COMPLIANCE WITH SPIRATEST



### THE COMPANY

Company: Mastek

Industry: IT services and consulting

Locations: North America, Europe, and Asia-Pacific

Team size: 1,400, incl. developers, QA engineers, project managers, and business analysts

### THE CHALLENGE

In a highly regulated and competitive market, Mastek needed to enhance their testing processes to achieve comprehensive test coverage, reduce time to market, and efficiently manage multiple projects while maintaining regulatory compliance.

### THE OBJECTIVE

The key objectives for the Mastek team included ensuring comprehensive test coverage, achieving regulatory compliance, managing multiple projects, and integrating various tools for a seamless workflow.

### TOOLS USED PRIOR

- Jira lacked comprehensive test management that could ensure full traceability from requirements to defects.
- Difficulties in automating test maintenance within Jira's ecosystem, leading to increased manual work.

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## THE INFLECTRA SOLUTION

Mastek selected Inflectra products due to their favorable pricing, licensing options, and advanced project management and QA functionalities. SpiraTest was implemented to enhance project monitoring, streamline team collaboration, and improve compliance.

## WHY SPIRATEST?

- **Cost-effective Pricing:** SpiraTest aligned with Mastek's budget while offering advanced features.
- **Robust Project Management:** Enhanced visibility and streamlined communication for multiple complex projects.
- **Advanced QA Features:** Comprehensive test management and traceability to ensure better test coverage.
- **Regulatory Compliance:** Helped meet GDPR and HIPAA requirements efficiently.



## RESULTS AND BENEFITS

- **Post-Release Defects:** Decreased by 35%, because SpiraTest's comprehensive test coverage and rigorous traceability features let users catch defects early in the development lifecycle.
- **Bug Resolution Time:** Improved by 40%, as defects were automatically logged and prioritized within SpiraTest, providing immediate visibility and resolution paths.
- **Testing Time:** Reduced by 30%, because of integration of automated test in SpiraTest, enabling more frequent regression testing within CI/CD pipelines.
- **Deployment Frequency:** Increased by 40% due to streamlined test cycles, real-time reporting, and the ability to run automated tests in parallel environments.

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## TESTIMONIAL

“ Inflectra's suite of products has transformed the way we manage our projects and testing processes. With tools like SpiraTest we have achieved unprecedented levels of efficiency, compliance, and quality. The seamless integration and robust features have enabled us to deliver projects faster and with greater accuracy, ensuring our competitive edge in the industry.

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*Kanchan R., Consultant*



## FUTURE PLANS

- **Expanding Usage:** Implement SpiraTest across more projects to further streamline their quality assurance processes.
- **Tool Integration:** Integrate Inflectra products with other enterprise tools to create a more cohesive and seamless workflow.
- **Leverage Advanced Analytics:** Utilize SpiraTest's analytics and reporting features for improved data-driven decision-making in project management and compliance.

## LIKELIHOOD TO RECOMMEND

Extremely likely: 10 out of 10.

## SUPPORT SATISFACTION

Satisfaction Score: 10 out of 10

For more information on how Spira can benefit your organization, contact [sales@inflectra.com](mailto:sales@inflectra.com)