

Bridging Test Silos: MiTek's Success Story with Inflectra's SpiraTeam and Coveros Expertise

CASE STUDY



The Challenge

Prior to the implementation of SpiraTeam, MiTek's software groups operated in isolation, each using disparate and inefficient toolsets for test management. This siloed approach led to inconsistencies in test case development and planning, hindering the company's ability to unify their software quality efforts.

Unify the System

MiTek wanted to share lessons learned and unify these isolated groups by implementing a comprehensive, cross-functional test management system that would integrate seamlessly with their existing tech stack. The goal was to improve efficiencies of test case development, test planning, and test execution, regardless of the products being developed.

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The Background

MiTek® is a global company focused on providing integrated software, services, engineered products, and automated solutions for the building industry worldwide. Innovating and expanding into aspects of global building, MiTek® empowers customers to improve the way they design, make, and build.

Coveros is a trusted Platinum Partner of Inflectra and helps organizations build better software faster. Their software experts help customers automate their agile development, testing, security, and delivery practices.

The Coveros Approach

Having a deep understanding and knowledge of Inflectra's platform, Coveros stepped in to support MiTek in configuring and implementing SpiraTeam across their organization. Coveros skillfully approached the project by emphasizing the balance of tool adoption and effective customization against processes, people, and organizational structure.

Meet MiTek

Industry: Building Industry

Objective: Unify isolated software groups with a complete, cross-functional test management system

Approach: Find and implement a test management solution that integrates with the customer's tech stack.

Improvements: Replaced inefficient toolset for testing with a single, easy-to-use solution.

Platform Used: SpiraTeam

Scale of Implementation: 80 users, 50 licenses



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The Solution

SpiraTeam enabled MiTek to unify their manual and automated test cases, providing a level of functionality that was previously unattainable. Coveros played a pivotal role in the implementation, leveraging their expertise to ensure that SpiraTeam was configured to meet MiTek's business requirements. Coveros configured SpiraTeam that enabled seamless integration with their main source of information in Azure DevOps and with their Product Quality and Health Dashboards, their hubs for reporting.

MiTek can now go forward in a unified manner across multiple applications they develop and deliver to their customers.

For more information on how SpiraPlan can benefit your organization, contact Inflectra today.

Why SpiraTeam?

MiTek's team of 11 evaluated a number of test management platforms, narrowing it down to the top three. Inflectra's SpiraTeam was chosen for its ease of use, single sign-on security, and versatility within the test cases. The decision was also supported by Coveros, who had met MiTek at a Techwell conference a year prior.

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Features Used

- Requirements Management
- Test Cases
- Test Sets
- Test Runs
- Test Management
- Test Execution Tracking
- Defect Tracking
- Traceability from Requirements through Testing and Defect Management
- Custom Reporting
- Automated Testing
- Manual Testing
- Plug-in for MicroSoft Azure DevOps



The Benefits

MiTek teams can now use their own requirements, view the overall test coverage, and enjoy the flexibility that a test case has, such as reformatting and snapshots. SpiraTeam allowed MiTek to consolidate their test cases, both manual and automated, into a single, easy-to-use platform. With a tool that unifies teams, cross-functional collaboration is now possible.

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Customer Testimonials:

"We see Spira as the integral hub of test and quality activities and management. It really is the place where we can trigger tests, track test results, get history, manage all of our tests, repositories for every product, and again, in a unified place. This would not have been possible without the support, coaching, and collaboration of Coveros. The Coveros team listened, understood our needs, and deployed the solution in the right way."



The Inflectra AWS Partnership

Inflectra's customers work in mission-critical and high-assurance industries, and consequently expect the highest levels of service. For this reason, Inflectra hosts all of its applications on the proven Amazon Web Services (AWS) global infrastructure. Inflectra offers its customers a trusted lifecycle management platform for delivering critical products and services on-time and with the highest quality. The partnership with AWS lets us focus on delivering application services, knowing that the infrastructure has world-class security, reliability and safety built-in.

In addition, the flexibility and agility of the AWS platform has let Inflectra expand and scale its business to meet and exceed customer requirements as their needs have grown. We have been able to add regions and services as our customers globally expanded.

MiTek: How Inflectra and AWS Delivered Results

»» Solution

Spira from Inflectra enabled MiTek to unify their manual and automated test cases, providing a level of functionality that was previously unattainable. Our implementation partner Coveros played a pivotal role in the implementation, leveraging their expertise to ensure that Spira was configured to meet MiTek's business requirements. Coveros configured SpiraTeam so that it enabled seamless integration with their data hosted in Microsoft Azure DevOps and with their in-house Product Quality and Health Dashboards, their hubs for reporting.

Inflectra's Spira's platform was deployed to solve the problem, using AWS EC2 Windows instances in multiple regions and Availability Zones, and leveraging AWS EBS and AWS Lifecycle Manager to provide a robust and highly performant solution. We also deployed our data synchronization solution hosted in AWS EC2 to provide real-time synchronization with Azure DevOps.

»» Results and ROI

Prior to deploying Spira, MiTek was spending 2 hours every day just consolidating information in Microsoft Excel from various disparate sources. After deploying Spira, this was cut to effectively zero with the data all in one place. If we conservatively estimate the time to run reports and view dashboards is 5-10 minutes, that is a performance gain of 92%.



Features

Reliability & Privacy

Our customers care about data privacy and service reliability above all else. Inflectra has designed its SaaS platform using the flexibility of AWS to have six discrete privacy regions that ensure data sovereignty and privacy requirements are always met. Currently we are able to host data for customers in the USA, Canada, Europe, India, Australia, and Singapore. Each region offers multiple availability zones and both a primary and disaster recovery region

AI-Enabled Traceability

Our customers need to be able have complete traceability from their business requirements to all of the software development and testing assets managed within the Inflectra platform. We leverage the power of AWS CodeBuild and DeviceFarm to provide an integrated DevOps solution dashboard in a 'single pane of glass'. Embracing the power of GenerativeAI, our platform includes an innovating AI assistant using AWS Bedrock that lets customers generate tests, tasks, code and risks from their business requirements and user stories.

Visit AWS Marketplace to purchase or start a Free Trial today.



Get started with Inflectra solutions on AWS

