CASE STUDY

Leica Biosystems:
Enhancing Medical Device Development with Inflectra

Leica Biosystems, a global leader in pathology laboratory equipment, specializes in cancer diagnostics, improving lives through their innovative solutions that span the entire cancer diagnosis pathway.
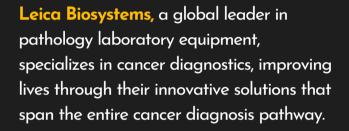
The Challenge

Leica Biosystems was seeking an efficient solution for managing and summarizing test cases for both software and hardware instruments. This included a need for a comprehensive view of tests involving sophisticated sensors for automation.

The Project

The focus was on developing new medical instruments, requiring an integrated solution for efficient project management.

The Company

- **Industry:** Medical Device
- **Reach:** Operations across continents
- **Team:** 100 R&D personnel
- **Annual Projects:** 2-5
- **Inflectra Product Usage:** Since 2012

The Objective

- Modernize and streamline project management and quality assurance processes
- Achieve a more agile and comprehensive stack.

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The Inflectra Solution

The deployment of Inflectra's SpiraPlan and SpiraTeam revolutionized Leica Biosystems' approach to managing medical device development projects, offering a unified platform for diverse project needs.

The Outcome:

- **Improved Documentation:** Enhanced structure and linking between requirements, test cases, and incidents.
- **Agility and Efficiency:** A modernized, agile, and user-friendly interface in SpiraPlan Administration.
- **Planning for the Future:** Intent to create common requirement templates for new projects.

Competitive Advantage:

Inflectra's integrated requirements management played a crucial role in keeping all stakeholders aligned, giving Leicabiosystems a competitive edge in their industry.

Enhancing Collaboration and Integration

- **Worldwide Collaboration:** Inflectra's tools enhanced collaboration across Leica Biosystems' teams in Germany, India, and China.
- **Cross-Functional Integration:** Different departments, from Product Design to Marketing and IT, effectively shared requirements, feedback, and reviews.
- **Boosted Productivity:** Centralized management of Requirements, Incidents, and Test management improved overall productivity.

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Why Spira by Inflectra?

Leica Biosystems chose Inflectra's Spira for its:

- proven effectiveness in past projects,
- robust features in compliance, traceability, auditability,
- requirements management capabilities.

Customer Testimonial

"SpiraPlan is an excellent integrated tool for managing both new and ongoing projects. It centralizes all important data, facilitating easy access and consensus among stakeholders."

Carey S. V&V Manager, Leica.

Likelihood to Recommend

Extremely likely to recommend Inflectra, scoring a 10 out of 10.

Support Satisfaction

The support provided by Inflectra's team was rated a perfect 10 out of 10.

For more information on how SpiraPlan can benefit your organization, contact Inflectra today at sales@inflectra.com

*spira*Plan®

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.

Leica: How Inflectra and AWS Delivered Results

» Solution

The deployment of Inflectra's SpiraPlan and SpiraTeam revolutionized Leica Biosystems' approach to managing medical device development projects, offering a unified platform for diverse project needs. Inflectra's integrated requirements management played a crucial role in keeping all stakeholders aligned

One of the key considerations was how to support a global team with highly performant, low-latency connectivity. Inflectra in partnership with AWS was able to deploy its SpiraPlan and SpiraTeam solutions into multiple AWS regions (Ireland, Frankfurt, Singapore, and Seoul) giving the customer the flexibility, performance and reliability they needed.

Inflectra made use of AWS EC2, EBS and AWS Lifecycle Manager to provide a robust and highly performant solution across these regions.

» Results and ROI

Inflectra's platform enhanced collaboration across Leica Biosystems' teams in Germany, India, and China. It allowed different departments, from product design to marketing and IT, to effectively share requirements, feedback, and reviews. Finally, it centralized management of requirements, incidents, and tests, improving overall productivity.

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

aws Qualified Software

aws PARTNER DevOps Software Competency