CASE STUDY

Digital Transformation Unleashed:
How Inflectra Revolutionized Land Registration Systems in the Philippines

The Company

- Name: Land Registration Systems, inc. (LARES)
- Industry: IT Services and IT Consulting
- Size: 501-1,000 employees
- Location: Manila, Phillipines
- Foundation: 2000
- Specialization: Information Technology and Services
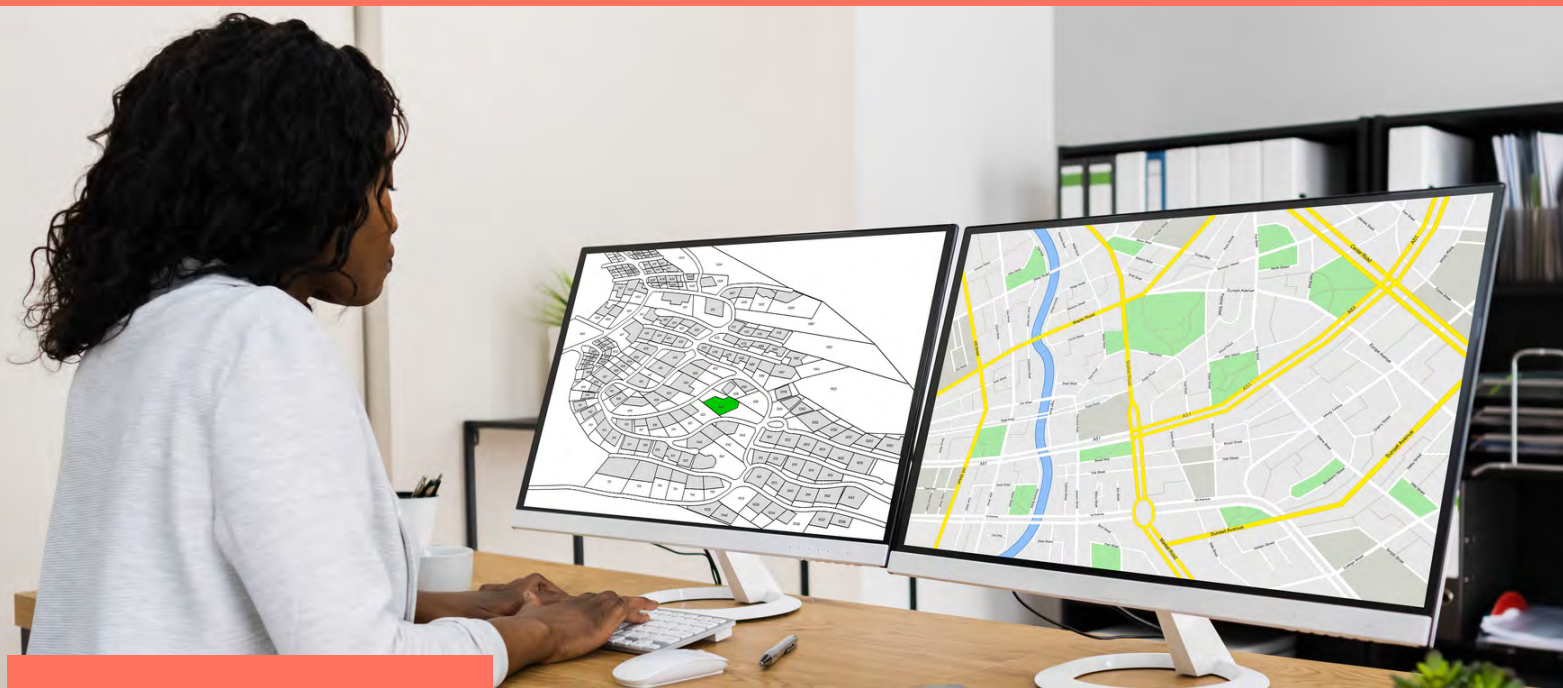- Project Portfolio: 15 diverse projects

The Project & Objectives

LARES is spearheading the Philippines' significant modernization project in land registration: the Land Titling Computerization Project of the Land Registration Authority. The overarching objective was to revolutionize the land title registration process in the Philippines, making it more efficient and accessible.

The Challenge

Land Registration Systems faced significant challenges in test management and automation, crucial for the successful digital transformation in land registration. This required a robust and versatile solution that could handle complex data, ensure security, and maintain regulatory compliance.

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Previous Tools

Prior to Inflectra, LARES relied on tools like Microfocus ALM and UFT, which presented limitations, particularly in cloud support.

Why Inflectra?

LARES opted for Inflectra's products, SpiraTeam and Rapise, due to their comprehensive feature set, flexible deployment options (both cloud and on-premise), and cost-effective pricing models.

SpiraTeam: Deployed for its advanced SDLC governance capabilities, facilitating efficient management of the project's multifaceted IT infrastructure.

Rapise: Chosen for its superior test automation capabilities, which were essential in ensuring the system's reliability and security.

The Project Outcome

- Enhanced SDLC governance, crucial for the project's complex IT infrastructure.
- Advanced test automation capabilities, ensuring the reliability and security of the digitalized land registration system.
- Efficient management of numerous interrelated tasks and documents through SpiraTeam.
- Rapise's versatility facilitated the adaptation to the unique technical needs of the LTCP.

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Competitive Advantage

Inflectra's solutions have empowered LARES to manage the LTCP efficiently, enhancing project governance capabilities and providing a competitive edge in the IT services and consulting industry.

Unexpected Benefits:

Unexpected benefits like automatic backup emerged, fortifying data management and security.

Addressing Challenges

Inflectra tool performance: 6/6

Future Plans

LARES plans to leverage Inflectra's products for scheduled automation runs, enhancing operational efficiency.

> " Coming from microfocus products, Inflectra products really helped us in providing comprehensive support at fraction of the cost. "

Jeff M. QA Manager

Customer Satisfaction

- **Inflectra Support Team Rating: 10/10**
- **Likelihood to Recommend SpiraTeam: 10/10**

For more information on how Spira can benefit your organization, contact sales@inflectra.com.

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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.

How LARES Used the GenAI Features of Spira & Rapise:

» Solution

LARES has been using the Generative AI features of SpiraTeam to generate manual test cases and test steps from business requirements. They have also been using the Generative AI features of Rapise to generate automated testing scripts in the Rapise Visual Language (RVL) from the manual test cases created by SpiraTeam.

Inflectra's SpiraTeam 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. This was connected to the customer's AWS Bedrock account using our dedicated SpiraApp to give access to the Clause family of LLMs created by Anthropic. Rapise was deployed on the client site and connects back to SpiraTeam hosted in AWS and the same AWS Bedrock account for model access.

» Results and ROI

The new Generative AI enhanced versions of our products have yielded a 30-40% productivity uplift on both the manual test case creation and the automation scripts development (over the previous methods).

Based on this initial positive ROI, the team at LARES has suggested enhancements to Inflectra for additional ways to leverage Generative AI to further improve productivity, which Inflectra will be incorporating into the next version of its solutions.

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. »

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aws **PARTNER** DevOps Software Competency