



MONOLITHIC LEGACY APPLICATION MIGRATION TO MICRO-SERVICES ARCHITECTURE

CLIENT OVERVIEW

Our client is a provider of mortgage origination solutions to lenders. It works with thousands of lenders turning over 50,000 loan applicant monthly basis.

KEY REQUIREMENTS

- The legacy Loan Origination application was desktop based with client server architecture. The loan information such as quotes, credit score checks, and other loan origination and processing information was delivered on next day. This delayed the overall process and led to revenue loss and poor customer satisfaction.
- Other challenges: Not very scalable, not a very user-friendly interface, difficult to maintain

KEY CONTRIBUTIONS

- Rearchitected the desktop application into a SOA and Micro-services based SaaS platform including developing and implementing new front and back-end modules.
- Built Web services APIs that allowed multiple client apps to interact seamlessly with back-end loan processing information including enhancing encryption and security access controls
- Integrated existing functionality with UI developed AngularJS to make code base more efficient and maintainable
- Automated CI & CD Process

KEY BENEFITS

- Ease of configuration on multiple client platforms (mobile/tablet) while ensuring data security, consistent UI and cost savings
- Common user interface library allowed consistent user interface elements across various modules and platforms
- Enabled lenders to build their custom loan applications using the SaaS based platform

TECHNOLOGY STACK

- Angular JS
- Microsoft ASP .NET
- jQuery
- Visual Studio
- SQL Server
- MongoDB



About Xoriant:

Xoriant Corporation is a Product Development, Engineering and Consulting Services Company, serving technology startups as well as mid-size to large corporations. We offer a flexible blend of onsite, offsite and offshore services from our eight global delivery centers with over 2000 software professionals. Xoriant has deep client relationships spanning over 25 years with various clients ranging from startups to Fortune 100 companies.