

Case Study

Application Modernization

App Modernization Enables a Global Manufacturer Improve User Experience and Application Security

Client need

Modernize legacy supply chain and inventory management applications

A world-class enterprise that provides custom solutions, logistics, assembly, software to commercial, government and defense industries wanted to modernize and fortify its supply chain and inventory management systems.

How we helped

Leveraged a range of tools and followed adaptive project framework and feature-driven development methods to modernize the apps

- ① Implemented changes in existing database engine from MyISAM to InnoDB and added custom exception handler to handle errors
- ① Secured application through software code and re-factored according to PSR standards
- ① Followed a mix of adaptive project framework and feature-driven development methodologies
- ① Leveraged Laravel and Semantic UI frameworks along with Containerization software for application development

- ④ Testing with Black Box method enabled the QA team to identify what the application is supposed to perform without internal application architecture knowledge
- ④ Defined the performance metrics – task efficiency, user productivity

What the client gained

- ④ Enhanced performance and security in application and added transactional data
- ④ Concurrent access in application without delay in page load speed
- ④ Increased security and overall improvement in user experience

Tools and Technologies

- ④ Selenium
- ④ SonarQube
- ④ Git
- ④ MySQL Workbench
- ④ PHP
- ④ MySQL
- ④ Laravel Framework
- ④ Semantic UI
- ④ Jenkins

About Innominds

Innominds is an AI-first platform-led digital transformation and full-cycle software product engineering services company headquartered in San Jose, CA. Innominds powers the digital next initiatives of global enterprises and software product companies with an integrated expertise in devices and embedded engineering, software apps and product engineering, cloud, analytics, DevOps, data, security and quality engineering.