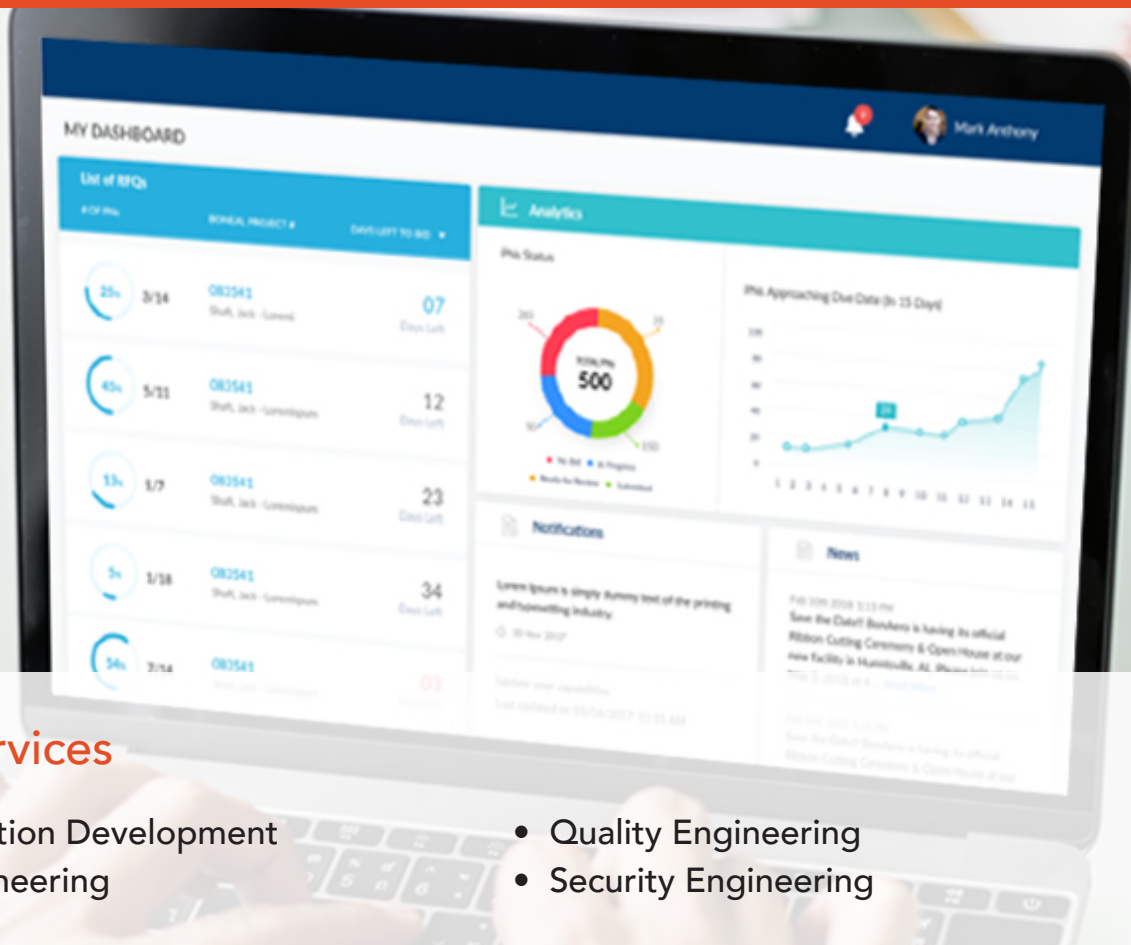


Modernization of Legacy App Helps Improve User Experience & Security



Key Services

- Application Development
- Quality Engineering
- UI Engineering
- Security Engineering

Executive Summary

The client operates as a prime and Original Equipment Manufacturer (OEM) for government agencies and private sector companies in North America. It needed a solution that helps modernize and strengthen its Supply Chain & Inventory Management System.

Client Profile

Client's line of business includes manufacturing of aircraft's parts and equipments.

Business Challenge

Client needed a solution to modernize and fortify its Supply Chain & Inventory Management Systems.

Solution

- Assisted the client in supporting transactional behavior. Implemented changes in existing database engine from MyISAM to InnoDB and added custom exception handler to handle errors
- Secured application through software code and re-factored according to PSR standards
- A mix of Adaptive Project Framework and Feature Driven development methodologies were followed
- Modernized the Application Laravel Framework and Semantic UI Framework. Containerization was used considering all these as independent components
- Black Box method of testing enabled QA team aware of what software/application is supposed to perform without internal application architecture knowledge
- Modernized and fortified its Legacy Supply Chain & Inventory Management Systems
- Metrics defined on Time – Task Efficiency, User Productivity and Quick Learning Curves

Benefits

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

Tools & Technologies

- Selenium
- Sonarqube
- Git
- MySQL Workbench
- PHP
- MySQL
- Laravel Framework
- Semantic UI
- Jenkins

About Innominds

Innominds is a Product Engineering Services and Solutions company headquartered in San Jose, CA. It offers co-creation services to enterprises for building solutions utilizing digital technologies focused on Devices, Apps, and Analytics. The skilled team of Innominds is responsible for building better outcomes for its clients through reliable, advanced technologies like Blockchain, Big Data, Artificial Intelligence, Cloud & DevOps and IoT among others.



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