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### **Business Domain**

Travel, Transportation & Logistics

### **Project Type**

Remote In-Sourcing® (RIS®)

# **Enhancing Custom Order Management Software Functionality with RIS® Team for OIA Global**

## **Client**

OIA Global is a full-service supply chain management provider. With a presence in 25 countries worldwide, OIA Global delivers clients a unique combination of logistics management, packaging design, and material sourcing solutions.

## **Project**

Proprietary customer order management solution for order sourcing, inventory, and invoice management to support the core Client's business.

## **Objective**

Delivery and implementation of new features for the customer order management system executed by a Remote In-Sourcing® (RIS®) team.

## **Team Reinforcement**

To ensure the timely delivery of the updated solution, the company required additional engineers with expertise in logistics software development. The Client turned to Intetics with a request to scale up a Remote In-Sourcing® (RIS®) team. Intetics engineers powered up the Clients' global product teams, operating worldwide from Oregon, US, to Shanghai, China.

# Challenge

OAI Global required to address the urgent needs of end users and accommodate the fast-growing number of deliveries from the APAC region by extending the existing solution with new features. The Client sought to expand its development team with engineers with logistics software development expertise.

Additional experienced Software Developers, QA Engineers, and a Team Lead were urgently needed. The complexity of the prior system's version necessitated a deep understanding of the domain, making expertise in logistics a key criterion for hiring extra team members.

Hiring the required specialists in-house would be time-consuming and costly. To ensure the timely and cost-efficient delivery of the upgraded solution, the Client turned to Intetics with a request to ramp up its core team.

## Quick Facts

- ✓ 4 years of successful cooperation
- ✓ A fast and cost-efficient ramp-up of the Client's global product team, operating from Oregon, US, to Shanghai, China

### Technologies

ASP.NET Core / Web API / Entity Framework / MS SQL Server / MS Azure / OWIN / AngularJS / Bootstrap / React / SPA JavaScript / Gulp / xUnit / Chai / AutoFixture / Fluent Assertions / Mocha / Selenium / SpecFlow / Webpack

# Solution

## ★ 01

Client's custom order management system automates order sourcing, inventory, and invoice management to support its logistics business.

To tune the system to meet the growing end-user demand, Intetics engineers strengthened the core global development team after analyzing the requirements for new features.

## ★ 04

Agile software development with the Scrum framework for each project activity controlled by a dedicated Scrum Master: requirements elicitation, planning, daily meetings, grooming, retrospective, etc.

## ★ 02

Four software engineers and two quality control engineers extended the Clients' team under the Remote In-Sourcing® business model.

## ★ 05

Developed, updated, and implemented functionality for:

- Order management
- Order sourcing
- Inventory
- Invoice management

## ★ 03

Intetics' RIS® team members smoothly entered the project and took over development tasks for functions that track the:

- stages of logistic service delivery (from the point of order to final delivery and reporting)
- cooperation between OIA Global and its customers



## Client Reference



*The Intetics team smoothly entered the project and took over the greatest part of the new functionality development tasks. They successfully completed the delivery of business-critical solution features and proved to be a reliable partner that became a true extension of our team.*

*What we appreciate most about the Intetics team is the high quality of software development practitioners they provide, with an extremely low turnover rate. They invest in their employees proving themselves to be real professionals, who provide high-level services.*

**Howard Edgren, Director of Product Development**

## Benefits and Results

- ★ A true team extension assuring the successful delivery of business-critical functionality within a tight timeframe.
- ★ The updated and implemented functionality comprehensively addresses OIA Global's tracking needs, surpassing the capabilities of the previous version of the order management system.
- ★ The Client continues to cooperate with Intetics in its team extension needs and has increased the scope of the tasks.

### Techstack:

ASP.NET Core, Web API, Entity Framework,  
MS SQL Server, MS Azure, AngularJS,  
Bootstrap, xUnit, Selenium, SpecFlow

### Team: 6

1 Team Lead,  
3 Software Engineers,  
2 QA Engineers