

Assisted an OTA for migrating its suppliers from **legacy platform** to a **maintainable microservices** based platform



## About the Client

A leading Dutch digital travel website founded in 1996 that creates and customizes travel packages



Offers services that help customers reserve seats on a flight, choose hotel rooms, book rental cars, and more

Its services are available in 43 languages

## Business Needs

- Migrating integrations from **Legacy platform** (CRBMS) to **Supplier Booking System** platform
- Identifying and understanding the functionalities to be moved to the **Supplier Booking System** platform
- Requirement elicitation based on the **legacy application**
- Implementation of integrations on **Supplier Booking System** platform
- Verification & monitoring of migrations on **Supplier Booking System**

## Solutions

Acquired an understanding of the legacy code and conducted functional analysis

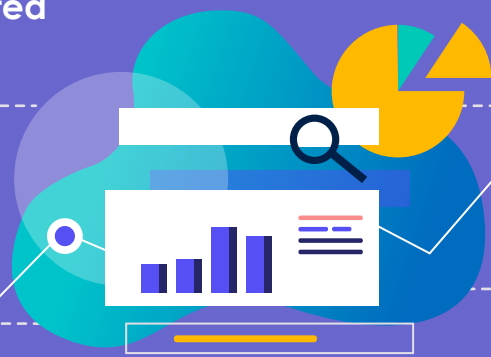
Maintained knowledge repository for quicker onboarding of new team members

Built the supplier integrations on **Supplier Booking System** platform based on existing configurations

Conducted organized tracking and monitoring of implementation tasks

Improved the business logic implementation

Automated migration testing



## Technology Stack

- Scripting Language: **php**
- Programming Language: **Java 13**, **python**
- Open Source Testing Tool: **cucumber**, **<#FREEMARKER>**
- Open Source Micro Framework: **spring boot**
- Open Source Containerization Platform: **docker**
- Integration Testing Tool: **WIREFMOKK**
- API Testing Tool: **POSTMAN**

## Business Impact

**80%** efficiency gained due to **microservices**

Migrated **60+** suppliers to new **Supplier Booking System** platform

**15%** cost saving with speedier onboarding of resources

Migration **verification efforts** reduced by **30%**



Performance gain of **~20%** on **Supplier Booking System** platform

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