CYBAGE

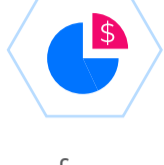**Helping businesses discover a better way to manage spend!**

Learn how Cybage engaged with a leading European group of business expense specialists to develop a suite of cutting-edge, fully integrated expense management software solutions.
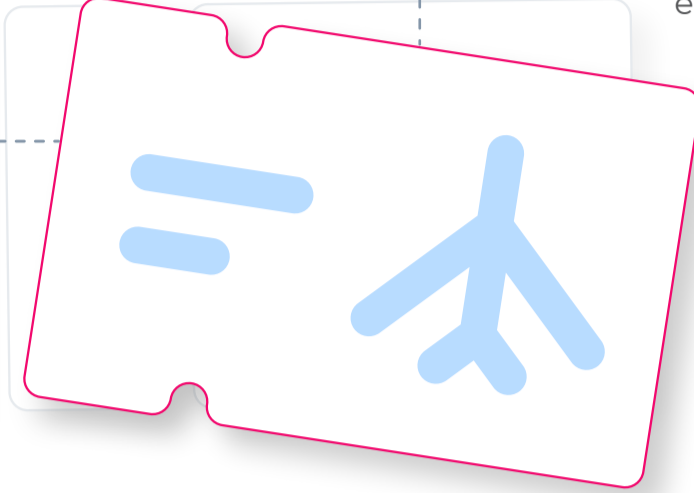
About The Client

A European group of business expense specialists

Primary focus on providing expense management solution to large enterprises

Over 3000 customers of all sizes and from all industries with more than 1.5 million end users in over 100+ countries to drive down their employees' business expenses

Business Challenges

○ Migrate legacy application to the latest technologies
○ Capability to support desktop and mobile devices
○ Interoperability with some of the core legacy COM components
○ Extensibility through configurations and customization as per client requirements
○ End-to-end expense management application
○ Manage various compliance rules depending on the location of the client
○ Digitize expense management workflow
○ Configurable solution to comply with the regulations that apply to healthcare expenses
○ Easier and quicker expense approval process
○ Facilitate Mobile app users with
 - Easy to understand workflows
 - Reduce manual steps for expense creation and validation
 - Support for Multiple Map providers

Solutions Offered

Approach to migrate the legacy application in a phased manner

Built a responsive web application

Created a globalized allowance & compliance rule engine

Integrated application with third parties such as
- Online Booking Tools (OBTs)
- Optical Character Recognition (OCR)
- Credit Card Feeds from banks

Easy approvals and report control through automation based on OCR results

Support for localization (30+ Languages and 170 currencies), extensibility, customization, and secure authentication (Single sign-on and Multi-factor authentication)

Developed mobile application with improved user experience, intuitive and fluid user workflow, and refreshed UI design

Developed a framework to reuse core legacy components

Integrated with various map providers with optimized API calls for Google and Bing Maps

Impact

Financial Report

○ Helped client reduce travel spends by **75%**

○ **99.9% accuracy** in expense creation and control saved **80% of manual efforts**

○ **200 off** the shelf configuration rules saved **70% configuration time**

○ Efficient UI helped addition of **50+ clients** on the platform on a yearly basis

○ **Reduced cost** for Google and Bing due to **lesser API calls**

Tools & Technology

Microsoft Stack	ASP.NET	.NET MVC	Visual Studio 6.0	VB.NET	C#
Frontend	JavaScript	jQuery	Bootstrap		
ALM	GitHub	Launchy	JIRA	sonar	
Mobile	Xamarin	App Center	bitrise		
Databases	SQL Server 2016				

Cybage Travel and Hospitality

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