



Enabling the Sportscar Design Experience

ABOUT THE CLIENT

One of the world's best-known brands in luxury performance sports cars wanted to drive high levels of engagement with its prospective customers by providing a unique buying experience.

By giving enthusiasts the ability to conveniently design and interact online with the newest sports car model, the manufacturer was confident that these car enthusiasts would love their creation enough to purchase their custom-designed vehicle.

The organization realized that they needed the options in the web interface to include only parts that are stocked and only the components that are compatible with each other.

The parts inventories and all the business rules around compatibility were already in place, but in different systems within the company. They needed to be able to access accurate, real-time data and leverage the existing business rules to drive the experience that the sports car company wanted to provide to their prospective buyers.

OVERVIEW

CLIENT

A leading luxury sports car manufacturer

CHALLENGE

Provide a fully interactive website for prospective buyers to build and customize their dream car without replacing existing operating systems

SOLUTION

Adaptive Integration Fabric

RESULTS

- One business day to bring to market
- Zero additional processing capacity on the mainframe
- No coding or programming required

CHALLENGE

To access the necessary data and rules, the design tool had to interact with the manufacturing and inventory systems, which proved to be a significant challenge. These systems were very efficient at their core functions but were mainframe based - IBM z/OS operating system with 3270 green screens.

The sports car manufacturer considered a few replacement options:

- Connect to a Windows® Graphical User Interface (GUI) with IBM WebSphere®, but the license fees and maintenance proved to be too cost prohibitive for their budget.
- Replace the 3270 interface and continue using the present business logic, but this proved too complex and intricate to implement.
- Develop a Java® GUI combined with an enterprise application integration; however, this alternative did not conform to corporate guidelines.
- Deploy Adaptigent's Adaptive Integration Fabric to integrate an interactive web portal with all of the existing backend systems.

Once the car manufacturer learned about Adaptigent and the capabilities of its Adaptive Integration Fabric to publish the business logic residing on the mainframe (CICS with COBOL and DB2) as APIs, the choice was clear.

WHY ADAPTIGENT?

The manufacturer considered several options to replace the 3270 green screen system, but all were deemed cost prohibitive, too complex to implement or flat out unable to meet corporate guidelines.

OUR SOLUTION:

- ▶ Required no additional hardware
- ▶ Added no additional processing capacity on the mainframe
- ▶ Aligned to the cost requirements of the project
- ▶ Provided an efficient solution within the desired time frame



| SOLUTION

Because the solution would require no additional processing capacity on the mainframe, Adaptive Integration Fabric met the stringent cost requirements of the project and provided the most efficient solution within the desired time frame.

With no programming required, installing Fabric took less than one day, including developing, publishing and using APIs. Now, Adaptigent's Adaptive Integration Fabric acts as the interpreter and the communication interface between the business applications on the mainframe, open system API's, and the web interface.

| RESULTS

Adaptigent's Adaptive Integration Fabric enabled the manufacturing developers to extend access to mainframe applications, data, and processes using APIs.

This integration occurred without creating or changing any code or requiring additional processing usage. No additional mainframe personnel or MIPS were required. It took less than one day to develop, publish, and bring the solution to market.

The Fabric solution also seamlessly integrated all mainframe assets, regardless of their underlying platforms, languages, and data formats. Secure transfer of information means the company uses the new APIs for other applications, meetings, and production processes.

Customers of this manufacturer can now indulge in the ultimate driver experience – virtually designing and building their own unique super car.

“Adaptive Integration Fabric was the only product that had the capability to publish the business logic present on the mainframe as APIs, while controlling software license fees.

This solution fulfilled all defined project guidelines, budget and time constraints.”

- Executive Project Manager

Adaptigent is a software technology company offering business solutions to harness the power of APIs for innovation and growth. A global distributor of the Fujitsu NetCOBOL compiler, Adaptigent seamlessly integrates core systems. More than 2,500 organizations globally trust Adaptigent solutions. Visit www.adaptigent.com. The information contained in this document represents the current view of Adaptigent on the issues discussed as of the date of publication. This document is for informational purposes only. Adaptigent makes no warranties, express or implied in the document.

© September 2023 Adaptigent. All rights reserved. Adaptigent trademarks, products and services are either registered trademarks or trademarks of GT Software, dba Adaptigent in the United States and/or other countries.