



# Sports car manufacturer lets customers customize their dream car online with Adaptive Integration Fabric.

One of the world's best known brands in luxury performance sports cars abides by a corporate goal to actively seek and stretch boundaries for continual improvement. This guiding principle doesn't stop with their manufacturing. In fact, their race-inspired philosophy "maximum output from minimum input" transcends into their internal operations as well.

In an effort to drive the customer experience, the manufacturer wanted to give its prospective buyers the ability to conveniently custom design and interact online with the newest sports car model — in hopes that they would love their creation enough to purchase the custom-designed vehicle.

## **Client**

Leading luxury sports car manufacturer

## **Industry**

Automotive

## **Challenge**

Need to replace and web enable 3270-based vehicle specification and configuration system

## **Solution**

Adaptigent's Adaptive Integration Fabric



## Challenge

To accomplish this, the design tool had to interact with the manufacturing and inventory systems, which proved to be challenging since the interface was based on the IBM z/OS operating system with 3270 green screens.

The sports car manufacturer considered a few replacement options:

- Connect to a Windows® 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.

In their strive to maximize output from minimum input, the car manufacturer turned to Adaptigent and its Adaptive Integration Fabric to publish the business logic residing on the mainframe, (CICS with COBOL and DB2) as APIs.

## Solution

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

Adaptigent's Adaptive Integration Fabric acts as the interpreter and the communication interface between the business applications on the mainframe and the APIs. The installation of the solution took approximately three hours, an average install. Because no programming is required, it generally takes less than one day to develop, publish and utilize APIs.

**“Adaptive Integration Fabric was the only product that had the capability to publish the business logic present on the mainframe (CICS with COBOL and DB2) as APIs, while controlling software license fees. This solution fulfilled all defined project guidelines, budget and time constraints.”**

**-Executive Project Manager**



## Results

As promised, Adaptigent's Adaptive Integration Fabric enabled the manufacturer's developers to extend access to mainframe applications, data and processes using APIs without creating or changing any code, or requiring additional processing usage. It also seamlessly integrated all mainframe assets, regardless of their underlying platforms, languages and data formats.

The solution provides a means of securely transferring (RACF, SSL, ATT-LS, etc.), information without compromising critical competitive information making it readily accessible for use in meetings, in other applications, and in the production process. Plus for transferring realtime data in and out of the mainframe Adaptive Integration Fabric's API connection to SAP turned out to be the manufacturer's best method.

To provide customers with the interactive experience to configure their custom dream car required approximately 70 APIs, accessing approximately 350 back-end operations. These include the start of production of a new car model and the actual-theoretical comparison of the state of construction documentation (which includes the car configuration, the compilation of material lists, the construction reference model and the same parts management and the storage of images). A complicated feat now easily accomplished with Adaptigent's Adaptive Integration Fabric.

- Secure transfer of information makes it readily available across the organizations and for other applications
- Less than one day to develop, publish and use web service
- No additional mainframe personnel necessary
- No additional MIPS required for processing - saves money
- No programming required.

**“Does this sound too good to be true? Building APIs without weeks of training, support and debugging? Surprisingly, it was exactly like this.”**

**-Executive Project Manager**



Adaptigent ([www.adaptigent.com](http://www.adaptigent.com)) turns yesterday's legacy systems into tomorrow's leading edge applications. Its solutions help organizations extend the value of their IT investments through agile development and standards-based APIs, which improves workflow and enhances operational efficiency. Masters of application modernization and a global distributor of the Fujitsu NetCOBOL compiler, Adaptigent's proven solutions power mainframe integration with today's technologies. Currently, more than 2,500 organizations globally trust Adaptigent's solutions to ensure they are able to drive forward innovation that improves customer experiences, increases operational efficiency, and generates revenue.