

ECOMMERCE PLATFORM TO SELL TIRES

The customer is a European e-commerce company which sells tires.

There is a wide choice of tires on our client website and the user can filter them easily according to his/her wishes & taste. Our client helps to find the right tires for vehicles, whether summer, all-season or winter ones. They deliver tires free of charge either to user's home or to one of the numerous fitting stations.

Challenge

At some point shop's management became too difficult, so demand for a customization based on customers geo location has greatly risen. The work was unproductive without centralized management system.

The key requirement for our development team was the ability to deliver across a wide amount of technologies and platforms, including desktop and mobile, and offer a complete set of services, from business analysis and development to quality assurance, support and creation of comprehensive project documentation of new features. The major dev task was to move PHP written code to a new platform, keeping old design and preserving extended functionality

Solution

We were asked by our client to make a switch from PHP to Hybris, a Java based e-commerce engine. We analyzed the PHP code and the old system functionality. Some of functionality was refactored and redesigned. Missing functionality was developed according to business needs and new rules.

Key features



Single codebase for many shops



Easy extendibility/flexibility



E-commerce solution "from top to toe"



Great reduction of a new shop development cost

User Features



Easier for workers to control the operations of new shops



Easier to scale up the business



Shop assistants spend less time on shop's care-about and get more flexible pricing system



Easy integration with a third-party applications provide further customer company expansion



Wide range of payment & delivery options



Flexible progress hop: after successful implementation of innovation in one shop - diffused on the rest of other client shops.

Technologies Used

Hybris based solution:



Java



Spring Framework



Apache Tomcat



Apache Solr



MySQL



Web Services



HTML



Javascript



CSS