

CASE STUDY



The Tender Management Expert XZISU chose Eastern Enterprise to develop an RFP manager which takes care of automating their business process.



About XZISU

XZISU is a global transport and logistics tender/RFP management specialist. Their tender management roots date back to 1995 when they began operations in logistics tenders. Since then they have managed countless tenders for their clients and built a solid foundation of experience, knowledge and ideas in this field. XZISU uses its industry knowledge combined with unique SAAS driven technology to help their clients manage complex tender processes in the most efficient way.

Project Challenges

XZISU wanted to establish a scalable and robust web-portal in order to fuel their next phase of growth. The client was looking for complete automation of the manual process which they were following previously. i.e. from creating documents to managing them, from creating rate sheets to calculating rates for each shipment and generating several kinds of reports based on various possible scenarios. Also, there was a complex requirement of access levels for different kinds of users too.

Owing to the nature of the project and the complexities that are particular to this industry, we faced quite a few challenges over the course of development. Our primary challenge was to develop a process of calculating and processing the large volume of shipment data in each phase of the tender process.

Our Solution

After analyzing the requirements & scope of the project, we formulated the following solution in order to ensure all the requests were met –

It started with gathering knowledge about the industry itself and understanding why they wanted to automate their processes. In order to create a product that would serve them to the fullest, it was essential to know the ins and outs of the logistics ecosystem, who the stakeholders involved are and graph all the data points within the system.

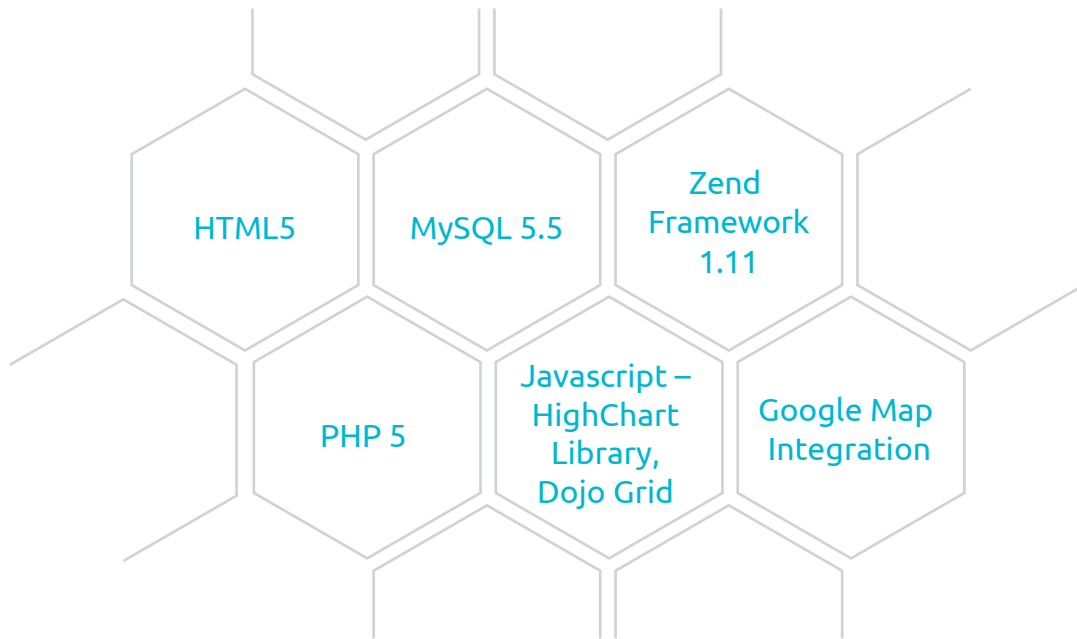
After multiple rounds of discussion with their team we gathered all the project requirements, carried out a detailed analysis on the problem statement and then proposed a robust, creative, modern, user centric, logical and secured solution.

The solution was based on the Zend framework as it provides an MVC approach where it is possible to manage the application in such a way that it becomes easy to handle complex modules.

We developed a multi-portal based web application where users were allowed to access different parts of the portal based on the role they played in the company. This application was developed and released in four different phases and we provided incremental changes in each phase.

In addition to this we provided technical information to the client about the best server on which this configuration can be implemented so that the application runs smoothly and hassle-free. We developed several scripts (cron jobs) to run complex calculations offline and provided users a graphical interface and flexible reports to select customized scenarios to generate reports.

The solution was built using the technology stack:



End Result

With the help of fully a automated process, it made it easy for XZISU to manage their complex shipment process and generate documents and reports. The entire web-portal was built on highly robust and scalable architecture that helped all the users complete complex calculations automatically with few clicks. With this simplified automated solution, XZISU saw a steep increase in their active users and simplified the tender process of all their customers.

Key Benefits

- Running complex calculations on offline mode was possible with the implementation of cron jobs.
- The complete tendering process is streamlined, leading to increased efficiency and a shorter procurement cycle.
- Makes it easier for businesses to obtain tender documentation/reports on time.
- Reduced the cost of printing tender documents - saving time and resources.
- Environmentally friendly due to a move to a paperless process.
- Reduction in manual errors due to the use of automated processes.

“Eastern Enterprise is a strategic development partner for XZISU. EE’s software engineers & project managers are an integrated part of our team and help us to push forward our platform development into the right direction. Together we work as one team to achieve our goals, whereby EE’s engineers will always be prepared to go the extra mile for us.



Marc Jägers,
Director, XZISU

About Eastern Enterprise

Eastern Enterprise is a Dutch IT service company that specializes in crafting software solutions for startups and S&M enterprises. We are a 250+ strong team of passionate technology artists servicing over 100 clients across Europe to create software solutions that are robust, creative, modern, user-centric, logical and secure.

We specialize in software product development, mobile app development and custom application development for startups. With our mature quality processes, agile development approach and unique engagement model we deliver bespoke solutions for all your business needs.

We work as a trusted technology partner to provide end-to-end solutions for all your software development requirements. We don't simply develop solutions, we craft them for your specific business needs using cutting edge technology platforms.

For more information, please visit:

<https://www.easternenterprise.com>