



Visionnaire has allocated a specialist at UNIBRASPE headquarters to provide different services

**CLIENT**

UNIBRASPE – Brasileira de Petróleo

**AREA**

Industry

**PROBLEM**

Need to analyze the systems used by UNIBRASPE Brasileira de Petróleo to generate and treat all day by day information and, based on the results of such analysis, promote the evolutionary maintenance of such systems with the development of specific software.

**SOLUTION**

Visionnaire allocated a senior analyst and developer specialized in Java technology, in direct interaction with the UNIBRASPE team at the company's headquarters, in order to provide consulting services, systems analysis and maintenance, and software development.

**RESULTS**

With the specialist professional allocated by Visionnaire at the headquarters of UNIBRASPE Brasileira de Petróleo, it was possible, in the first place, to make an analysis of the systems used by the company to generate and treat all day by day information.

With the systems properly updated, it was possible to move on to a second phase, encompassing the evolutionary maintenance of such systems using the programming languages Java and PHP.

**TECHNOLOGY**

Programming languages Java Desktop, Java Web (JSP) and PHP; HTML and CSS languages for content presentation and formatting; Tomcat and Apache servers for essential artifact deployment tasks; Linux operating system for log reading, startup and process shutdown; MySQL database; Maven; Web Services; GIT versioning, SCADA systems; ModBus protocol.

**DETAILED PROBLEM**

UNIBRASPE Brasileira de Petróleo is a company that offers logistical solutions for fuel storage and distribution. It has two operating bases: one in Araucária, in the state of Paraná, with a storage capacity of 14,000 m<sup>3</sup> and an initial handling volume of 30,000 m<sup>3</sup> monthly; and another in Esteio, in the state of Rio Grande do Sul, with a tankage of 27,000 m<sup>3</sup> and an average volume of 140,000 m<sup>3</sup> per month, with the capacity to handle up to 200,000 m<sup>3</sup> per month.

The company uses four different systems that are integrated to generate and treat all day by day information, however, each of them is formed by different services on different servers.

**DETAILED SOLUTION**

Visionnaire and UNIBRASPE Brasileira de Petróleo joined in a project of technical cooperation by outsourcing Information Technology (IT) professionals to work with systems analysis and maintenance, and software development.

Visionnaire allocated a senior analyst and developer specialized in Java technology, in direct interaction with the UNIBRASPE team at the company's headquarters, in order to provide consulting services, systems analysis and maintenance, and software development.

The first part of the project involved the analysis of UNIBRASPE systems, moving forward then to the maintenance and evolutionary maintenance of such systems using mainly the Java programming language, but also using the PHP programming language in some cases.

In this specific project, it was not necessary to allocate a Project Manager, since the specialist consultant appointed by Visionnaire interacted directly with the UNIBRASPE technical team.

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