

Case Study:**Manufacturing in a Cost Effective Way****Snapshot**

Outsourcing application development enables a leading manufacturing industry in eastern India to present a tech-savvy image to potential members and manage important information in a cost effective way.

Client

A leading ferrous alloy industry in the state of Orissa, India.

Details

Client produces Ferro Silicon, Ferro Chrome and specialty products like High Purity Ferro Silicon & Ferro Silicon Magnesium for industries across the world. They being one of the leading producers of the metals but were involved in manual labour. Promoting a tech-savvy image for the company was our biggest challenge.

Project Scope

Client approached ESSPL to present a strategy for the design and development of efficient material management system, raw material management system and an appraisal system for their HR module. ESSPL has worked in number of brick and mortar projects and has been acclaimed for its innovation and creative approaches to different challenges it faces while providing the right solution.

The details involved in the material management system and raw material management system was indenting, material procurement, purchase order, excise duty maintenance, barcode printing and reading.

The details involved in the appraisal system are employee rating, 360 degree feedback.

Technology

Material Management System and Raw Material Management System-Asp Oracle, IIS, Crystal Report.

Raw Material Management System -Asp.

Methodology

After studying the functional and non-functional requirements of the client, ESSPL proposed a ASP based solution for the client, as it is the most suited technology for the level of impressive performance needed. However, since most of the target users were expected to be untrained professionals, the major challenge was to create a highly interactive system so that working would become a lot easier. This was resolved in an innovative manner by splitting the whole unit into several individual units, and making the user understand the functionalities better. The final solution included a database solution for administrative and image gallery purposes. The engagement was based on FP (Fixed Price) model. This was the most appropriate approach considering that the requirements were finalised and the client wanted predictability regarding deliverables, timelines and cost.

Value-Add to Client

Predictability of Results:

ESSPL acts as a long-term partner who understands client's short-term and long-term business plans. By adopting a partnership approach with ESSPL, the client gets the confidence that the website will be developed as per requirements within the promised time and within budget. This is due to the robust process infrastructure employed by ESSPL for all its projects.

Better Accountability:

Prior to this, the inventory management system in this organization was done manually. There was practically no accountability; tracking of the inventory was very tough. The barcode system introduced made the whole system more accountable. The system generated MIS report, which helped the management to be better informed. Moreover, there was cost savings on a daily basis because of reduced manual labour.

Lower Cost of Ownership of Products:

The software maintenance activity is carried out entirely in ESSPL's Development Centre in Bhubaneswar, India. This model not only lowers the overall price quoted to the client for the entire project, it also reduces the level of variance for incremental work owing to Change Requests as staffing is managed by ESSPL.

Value-Add to ESS

Enhancing Domain Knowledge Expertise:

This project helped us to work on inventory management system, which was the first of its kind at Esspl. This helped us to improve on our domain Knowledge and work on other projects of this kind. This project helped us work on Oracle ASP thus improving our technological skills.

Enhancing presence in Home Markets:

This was one of the few projects executed by ESSPL for clients in its home market – Orissa. This allows ESSPL to have greater exposure to the domestic needs and tap the local market as part of its long-term growth strategy.

Client Feedback

The product was very much appreciated by the client as well as its associates. In addition to this, this product has been well appreciated in the global arena.

Contact

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About ESSPL:

We at ESSPL offer a collaborative approach to software solutions, which helps its customers in building the solution that really fits their need. In every engagement, we bring in the years of our expertise to make sure that it is completed within the business guidelines. The success of ESSPL is measured by high degree of customer satisfaction and is well reflected in extremely high number of referrals from all its existing customers.

One of the key aspects of building right solution is selecting the right technical platform. We let "Technology Selection" driven by your business needs, rather than anything else. And this is what our solution delivery team keeps as highest priority while working for you in every steps of solution building.

To know more about the company and the solution it provides, please feel free to visit www.esspl.com

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