

Case Studies

Healthcare Solutions

Migration of Legacy Delphi Application

Overview:

The computer industry is advancing at a fast pace and many new technologies are being developed. Delphi is one of the older technologies used in the industry. The benefits of Microsoft .Net have provided excellent reasons to many organizations for migrating software applications from absolute technologies to Microsoft .Net.

Business Need:

In this project our client was a software product development firm who partnered with us to migrate the legacy Delphi application to C# using VS.Net 2003. The application involved was concerning the user community to deliver intuitive web-based solution. Our client had a software application, which was written in Borland Delphi 7. As various parts were added to this program it became an un-maintainable piece of code, a collection of programming "bandages".

In addition to this, the lack of general availability of Delphi programmers on the market created a dangerous situation to a core program that was of high importance to our client's customers. The company was in need of a vendor who could actually upgrade the application to a better technology.

HyTech Professionals

9 Sugarberry Dr, Nashua NH 03062
Ph: 888 683 8281 Fax: 801 991 3740
Email: info@hytechpro.com
<http://www.hytechpro.com>

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Our Approach:

Our core focus in this project was on migrating the legacy Delphi application to C# using VS.Net 2003. Therefore, initially our experienced consultants discussed the business challenges with the customer. Then we identified the critical and most important business functions and interdependencies, developed risk-mitigation recommendations.

After that we designed high-availability strategies to support the project. We together made the decision to migrate to .NET platform and provided technical and project management support at every step of the way. The company benefited significantly by our approach to re-engineer their software in .NET application without significant time commitment from the core team. In addition to this some of the technologies that were included in this project were:

- Migration from Delphi to Microsoft .Net front end
- Complete application with interactive catalogue
- Custom based application which could be modified by any individual
- The database used was Oracle with PHP

This study only details our role in Delphi to .NET conversion of the front end.

HyTech Advantages:

- Our consulting wing brings in several years of understanding business processes, software customization and development experience.
- We are one of the reliable names in this industry to understand the importance of preserving unique selling processes of our customers and have the ability to provide custom tailored software solutions.
- We are also empowered with experienced engineers from premier engineering institutes such as IITs, and regional engineering colleges.
- We also leverage our experienced consulting background along with low cost development staff to provide cost effective solutions.

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