



Application Development

About the Client

Based in Washington, D.C., the client has been the leading professional membership association for licensed architects, emerging professionals, and allied partners since 1973. The Client offers education, government advocacy, community redevelopment, and public outreach to support the architecture profession and improve its public image. The Client also works with other members of the design and construction team to help coordinate the building industry.

Business Challenge

The American Institute of Architects has two separate applications to maintain the business partner information which is an AMS tool and other to provide contract documents, in the absence of any integration between these two applications if the business partners does a purchase transaction outside of AMS they would need to integrate with the AMS to make sure the transaction information is included in the AMS system and that the AMS is used to process the credit card details. Also as the two applications maintain separate databases it is difficult to keep a track and update/add information on new business partners or/and newly available contract documents. It is also difficult to generate reports pertaining to revenue generated over time, documents sold over time, customer specific transactions etc.

Our Solution

To address these challenges Oakridge Infotech designed and developed a solution using the Microsoft .Net Technology Framework 4.0, ASP.Net, C#, SQL Server 2012 and open source tool (iTextSharp) to automate the contract document purchase process and generating dynamic PDF documents with the mandatory information provided by the end users during the purchase process. Users are authenticated using the existing AMS application integrated with the web services provided by netFORUM. SQL Server 2012 is used to persist the application data and AMS netFORUM is used to authenticate and track the contract documents purchase transactions.

Following are the some activities of the system addresses:

- Administrator functionality to add product documents & configure mandatory fields
- Web-based Documents-on-Demand Service with a custom Shopping Cart functionality
- Integrating with existing AMS using the netFORUM API's for authenticating, financial transactions and logging the transaction details.

Key Benefits

- Automating the Documents-on-Live purchase process
- Integrating with existing Association Management Software (AMS), enables to manage the transactional data within one data store
- Reusing the existing functionality
- Configurable administration modules for adding new documents
- Improved response rate and reduced cycle time
- Real time purchase process
- Generating real time reports on revenue over time, documents sold over time, purchases by unique customer over time, number of calls for support and revenue due to components (based on Zip code)

About Oakridge Infotech

Oakridge Infotech has been delivering technology solutions for global clients. We have grown into a mature IT solutions provider delivering innovative technology solutions and services across multiple domains. We provides services and solutions spanning across Microsoft's product line to deliver improvements across the entire enterprise. We engage with customers to help unify their web assets; including Content management, collaboration platforms, analytics, cloud solutions, enterprise mobility, CRM, ERP, social marketing, rich media applications, search, digital marketing integration, and many more. We make sure the customer expectations with user experiences, increased business agility, enriched quality and on time deliverables with tools and processes.



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