Evoke Technologies
Customer Focused Solutions for Every Day Challenges

Case Study

Application Modernization and Integration

Overview

Our client is a leading marketing agency offering a wide array of marketing services to various industry domains, including real estate, automotive, and travel domains. A majority of their customers are used car dealers.

Client was using IVM (Inventory Manager) software, which is considered as a powerful single solution inventory application for used car dealers. The IVM tool provides comprehensive inventory management and analytics functions with industry-leading data aggregation and syndication methods.

Client started facing performance issues with the IVM tool (version 3.0). They wanted to modernize this application to address performance issues and improve its UI. Further, the client was using another tool known as Market Control Analytics. Client was keen to merge both these products to create a single application, which they planned to name as Dealer Inventory Solution (DIS) or IVM4.

Client wanted to launch the DIS application within six months, which meant that Evoke's team had to understand the functionality of these applications and come out with an application modernization solution in a short period.

Business Requirement

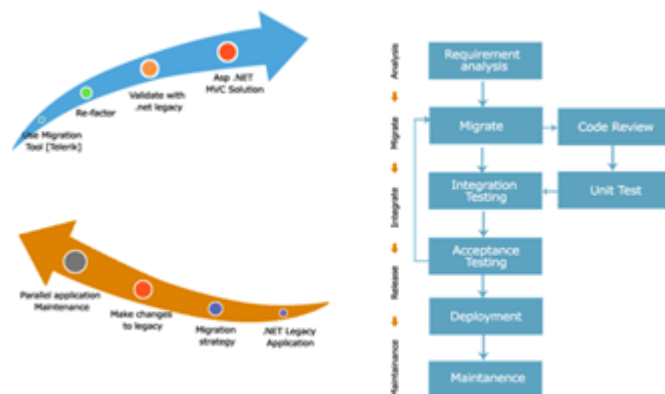- Migration of IVM3 to IVM4 (DIS) to meet client's marketing goals.

- The Market Control Analytics tool had to be disintegrated and its features added to IVM4 (DIS).

- Optimize performance of the newly created application.

- Revisit the features list to deprecate unused features.

- Technology upgrade to MVC 3, OOCSS and implementation of cache servers.

- Addition of new and exciting features to improve the application performance.

Evoke's Solution

Evoke deployed a team of eight software engineers to share effort with the on-site team. The project was critical, as the functionality along with the business logic of a ten year old application had to be understood, built and implemented. An experienced on-site manager was deployed at client's location to gather business requirements, coordinate with both on-site and offshore teams.

- Evoke added value by implementing the best practices of ASP.NET and MVC.

- Utilized crucible for swift code review process and unit testing. Identification of missing business logics was undertaken during the code review phase.

- Identified and implemented NCache as an initial caching solution to improve performance of the application.

- Merged two products (MCA and IVM) into one entity called as IVM4/DIS.

- Enhancements to the product included customized dashboard, sticker designer, the integration of MCA, and inventory grid faceting.

- Software engineers were trained to develop and validate peer code for coding standards and understanding business logic of our client's legacy software.

Benefits

- Modernizing the application helped in enhancing software performance.

- The data entered in the application saves faster.

- Themed as division application (match DDS/sCRM).

- The software code is now completely free from any exceptions and errors.

Evoke's - Application Modernization Services

Evoke Technologies has been helping global enterprises to scale-up to newer technologies by offering viable application modernization services. Our well-defined application modernization approach helps enterprises meet their application modernization goals and objectives. We follow a unique approach for application migration, which is segregated into four phases' i.e. assessment, definition, migration, and deployment. Over the years, we have built a deep-domain expertise in migrating legacy applications to newer platforms, which include .NET, Microsoft Azure, Cloud etc.

About Us

Evoke Technologies is an innovative information technology services firm offering world-class software solutions. We are a client-centric and relationship-based company with a focus to provide cost effective software development and support solutions. We are SEI-CMMI Level 3 appraised, ISO 27001 and 9001 compliant IT enterprise that focuses on quality and delivering business value.

Incorporated in the year 2003, Evoke Technologies has been actively helping global corporations to innovate and transform their businesses utilizing IT. Our global delivery and engagement models allow us to offer affordable long term software solutions that meet our clients IT challenges and add business value. We constantly innovate and implement new software methodologies to provide our clients with a superior experience.

Contact Us: 7106 Corporate Way, Dayton, OH – 45459, United States
Phone: +1 (937) 660-4925
www.evoketechnologies.com