

Company Overview

Evoke Technologies is client-centric and relationship-based company, with focus to provide cost effective software maintenance & support while our client's can focus on future needs. As a SEI-CMM level 3 standards company, Evoke differs from other offshore outsourcing software firms because we maintain a focused approach to building the solutions you demand, using our highly successful implementation methodologies.

About the Customer

Clopay Building Products Company, a part of Clopay Corporation, is a leader in the manufacturing of Garage doors. It's the world's largest residential garage door manufacturer. Clopay has manufacturing plants in various locations in US.

The Clopay Global Shop Floor System (GSF) prime functions were to provide material receiving,

labeling, lot tracking and quality disposition of material as they are processed at the production lines.

Different doors are manufactured in different lines, like LEI doors are manufactured in one line, EPS doors are manufactured in one line, and hardware packaging is done in one line. All these applications are developed in vb 6.0.

Challenges

- Primary challenge of migration from VB6 to is to replicate the business functionality of the existing applications.
- Evolving to the best architecture for increase in scalability and performance.
- Implementing the applications without minimal or no downtime.
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- Quality assurance environment.
- Support after migration and rollout process.

Need for Migration from VB6 to .Net

- To take advantage of the improvements in developer productivity and the enhanced development features that Visual Basic .NET, the .NET Framework, and Visual Studio .NET provide.
- To improve the maintenance of an application.
- To ensure ongoing, official support.

Approach

- Designed Architecture to implement in the application.
- Used Microsoft Upgrade Wizard to upgrade from vb6 to .Net, which upgrades the compatible code that can be migrated.
- Refactoring the code to the standards followed in the process.
- Converting all the inline SQL's to Stored Procedures.
- Moving the code to Data Access Layer and Business Access Layer based on the functionality.
- Testing migrated application and comparing results with existing VB6 application.
- Documenting MD70's.
- Supporting the application after rollout.

