

Process Compliance Application For Transportation Department, Government of Netherlands

[GOVT. / TRANSPORTATION – CUSTOM ENTERPRISE SUITE – ASP.NET 3.5 / ORACLE 10G]

Client Overview

About Client: The client is associated to Transportation department of Netherlands Government. The client had a major responsibility of Regulation and management of transport of people and goods via roads, trains, boats and airplanes.

Requirement Overview: The client wanted to develop Law & Regulation Enterprise Suite which helps them evaluate the rules with ease. The client expected to have the application which generates the e-forms automatically. This application should have the user friendly access and robust functionalities.

Proposed Solution: SilverTouch has provided a solution which has advanced rule based technology. The product is an Enterprise Suite which is known as EasyRules Suite. It supports the law and regulation inspection process for the transportation department.



Process Compliance Application

Benefits

1. Provided the best solution for Legislation and Regulation Views.
2. Generates dynamic checklist for different kind of domain.
3. Powerful search capability of Legislations.
4. Web based access for the users.
5. Link between various Levels.
6. Improved performance and reduces time to manage database.

Project Description

This project is a Law & Regulation Enterprise Suite for support to compliancy processes in the Transportation department, Government of Netherlands. The solution integrates specific content management capabilities with advanced rule based technology. Without any kind of programming users are able to do modeling within the tool. The tool can generate advanced checklists that fit the specific situation exactly. Product is ready for use, and already up and running for one of the largest Ministries of the Netherlands.

The EasyRules Suite is the common off the shelf product that is designed and developed to support the law & regulation inspection, preserving and compliance processes. The Product combines the advantages of Knowledge Management, Content Management and Business Rules Technology within one integrated environment. The EasyRules suite can be used to store & retrieve laws and regulations and it also contains a rule base based on which checklists and e-forms can be generated automatically. The suite is specially designed to support the law inspection and preserving processes. It can also be used for much simpler tasks like interactive license and permit requirement checking. This product is available in 3 different platforms: Desktop Application, Web based application and Mobile Application (WAP Site). The website is developed on more than one language platform (Dual language as - Dutch and English). The same databases are using across the three different platforms. The website is providing full text search functionality to the users along with the advance document navigation facility. Site users should require login first to access the website and users only would able to get information as per their provided search criteria.

Objectives

The Project Objectives were:

1. To evaluate best solution for Legislation and Regulation Views and manage the same.
2. To generate dynamic checklist for different kind of domain.
3. Need to develop Secure, Desktop, web based access to the Users, Powerful search capability of Legislations.
4. Link between various Levels- For example: Level 1 data is for Legislation which is linked with Level 2, Level 3 data.
5. Use new Oracle Database 10g features like Materialized Views, Hierarchy Queries and their ability to improve performance and to reduce time to manage database.

Process Compliance Application

Project Approach / Activities

The Project was divided into various phases to achieve the best results in less time with optimal utilization of available resources.

1. **Phase I:** Analysis the System Flow, database design and dependable entities. Review risk points of database and application.
2. **Phase II:** Create new applications Desktop, WAP and Web Service.
3. **Phase III:** Testing all features and making deployment plan.
4. **Phase IV:** Setup of testing environment (same as the production environment) and creation of same workload as production environment.

Technology

Development Platform

Technology	Specifications
Technology & Framework	Asp.Net Framework 2.0
Database	Oracle 10g
Web Server/Hosting Platform	IIS 6.0
Languages	ASP .Net, V.B .Net
Operating System	Windows XP

Deployment Platform

Technology	Specifications
Technology & Framework	Asp.Net Framework 3.5
Database	Oracle 10g
Web Server/Hosting Platform	IIS 6.0
Languages	ASP .Net, V.B .Net, C#
Operating System	Windows XP (Services Pack 2)
Email	SMTP

Duration

1. Project Actual Hours: 2408 Man Hours
2. Project Life Cycle: 230 Days

Results Achieved

The Desktop based product application is running successfully in one of the largest Ministries of the Netherlands since two years now. Site has a nice look and User friendly accessibility.

Process Compliance Application



Deliver best products, software solutions and services, on time with quality, and as per customer expectations

About SilverTouch

SilverTouch, a company established in 1992 is widely accepted for its IT solutions with a huge customer base in more than 20 countries across the world.

SilverTouch is actively engaged in Enterprise software development, enterprise content management, document management and IT consulting services such as Business process optimization, process consulting, implementation and customization of ERP. SilverTouch leads brilliantly in new technical developments such as: Mobile Application development services on iPhone, iPad, Blackberry, Android, J2ME and Windows mobile platforms. Even now, SilverTouch helps its global clients for major developments, deployments and managements of their mobility solutions and enterprise application development programs.

SilverTouch has alliance with several industry leaders such as Microsoft, Apple, Cisco, IBM, Oracle, SAP, Java, Dell, VM ware, Symantec, Sonic Wall which provides a competitive edge over other industry peers and targets to understand and cater to all types of requirements that concern our clients, thereby, leading to serve them precisely to their satisfaction.

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