License Certificate Management System
For
Software Inventory Manager

INFORMATION TECHNOLOGY – CUSTOM WEB APPLICATION – ASP.NET / MS SQL SERVER

Client Overview

About Client: Client has been involved in software asset management over 10 years. They work closely with SAM community and contribute to the development of ISO standards of Software Asset Management.

Requirement Overview: Client demanded Cloud based, IT Asset Management technology that provides a cost effective solution to its end clients. It offers data conversion from existing Inventory and Network Management tools into valuable information that will be used in decision making.
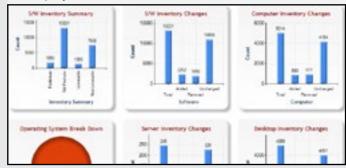
Proposed Solution: Silver Touch Technologies Ltd. has provided the winning solution to meet the requirements of the client. The result is the invention of LCMS. LCMS includes SWRE application which converts raw data (word, excel) to single format i. e., SQL. User can also categorize the data and export to SQL Database format. Exported Inventory Database will be imported into LCMS and various decision support reports can be generated using Custom Report Generator.

Software License Compliance module is one of the outstanding modules of LCMS. It allows generating reports with available balance licenses. Chart functionality allows filtering 'Under License Software' and 'Over License Software' with cost estimation. Compliance module includes Software License Allocation functionality across organization. Highlight of the project is Report Generator. End user can generate unlimited reports from single page, Software –wise, Hardware-wise and user-wise. Report generator provides facility to select various permutations and combinations to generate the decision making reports.

The project is developed exclusively using Dot Net 3.5 & SQL Server 2005, SQL Server 2008, and SQL Server 2008 R2.SilverTouch proposed to carry out the project on actual time and material basis.

CMMi Level RATED 5

License Certificate Management System

Project Description

The Application is known as Software License Inventory Manager System. The main goal is to develop for this application to maintain inventory for different individual system of the organization. The new initiate development will be based on two different modules as SWRE (Software Reorganization Engine) and LCMS (License Certificate Management System).

In the organization the authorized person will collect the data of each individual computer system (of different users) in terms of different department and prepare one single database. The collected database shall export to the SWER module with the purpose to clean the software related information such as software name, company, publisher and version. After completed the process of clean the software, Authorized person of the organization will import entire database of SWRE to LCMS system/module and will provide to client to access within unique authentication. Within the use of LCMS module client will able to know individual computer related information by software and user wise.

Objectives

1. Preserve each individual user activity record within their system by each department.
2. Identify and preserve existing (running) software related information from each individual user system (Computer) within different department.
3. To manage organization information with easy way.

Project Approach / Activities:

The Project was divided into various phases to achieve the best results in less time with optimal utilization of available .Net features, capabilities and new enhancements.

1. **Phase I:** Understand client system requirement approach with the technology platform and create Software design development approach and send to client to let them know our understanding.
2. **Phase II:** Approved design by client has been incorporated into the development.
    - Design has implemented into the specific technology platform.
    - Started to work on development.
3. **Phase III:** Development has based on Agile development methodology in terms of module development iteration by iteration.
4. **Phase IV:** Deployment phase has done to the client side.
5. **Phase V:** New features implementation has been going on as per the client requirement to the application (Running Application).

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Technology

Development Environment

Technology & Framework	.Net framework 3.5
Languages	ASP .Net, C#
Database	SQL Server 2005, 2008
Web Server/Hosting Platform	IIS 6.0
Operating System	Windows XP SP 2
Web Server	Linux Server

Deployment Environment

Technology	Specifications
Technology & Framework	.Net framework 3.5
Database	SQL Server 2005, 2008
Email	Client SMTP
Web Server/Hosting Platform	IIS 6.0, 7.0
Languages	ASP .Net, C#

Duration

1. Project Actual Efforts: 4108 Man Hours

2. Project Life Cycle: 350 Days

Results Achieved

Application is in use and running successfully and productively in the market.

Benefits

1. Individual activity is captured in each and every department

2. All running software related information is preserved in every department

3. All the information of organization is managed easily

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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