

Alfresco DCM For Italy Based Company

[SERVICE – DOCUMENT MANAGEMENT SYSTEM - ALFRESCO LABS 3.0]

Client Overview

About Client: Client is based in Italy. For over 10 years client has been working for important companies, suggesting them the best strategies and realizing their websites, portals, advertising campaigns and software. While this has earned them awards around the globe, most importantly it has allowed them to assist their clients in extending, expanding and developing their businesses in the digital world.

Requirement Overview: Client wanted to develop a document management system that would allow them to search all the organized documents. The documents were supposed to be stored in an organized hierarchy with rights based access to the documents. The data size was in several TB's and performance was their prime criteria, as they required very fast results using web browsers.

Proposed Solution: Silver Touch had developed a Document Management System based on Alfresco open source platform. The system is used to access files via web browsers and it has features like Search within the documents, Organize and tag contents and Version files/contents. The users from Finance, Accounts & Production departments manage the project, production, finance, and strategic documents along with personal documents using the system. System allows creating Project documents to be client specific also. Different access levels are maintained in the system for managing which document shall be accessible to which user.

Benefits

1. Creating a document management system with Usage of the existing alfresco database along with hibernate queries for fetching custom contents.
2. Organized and searchable documents in the system.

Project Description

This project involves a complete ECMS (Enterprise Content Management System) for the organization. It involves implementation and customization of the built in functionalities of Alfresco 3.0. Custom functionalities like implementation of tag cloud, automatic zip file extraction, change in Alfresco GUI and layout, custom search, archiving, pie chart generation of alfresco disk report, scheduled backup and many more are involved.

Objectives

1. Features of Document Management System:
 - 1.1. Access files via web browser and not just via samba
 - 1.2. Access files via web browser also from the internet, only if using a secure connection (probably certificate)
 - 1.3. Search within documents
 - 1.4. Organize and tag contents
 - 1.5. Version files (may some)
 - 1.6. Scalability
 - 1.7. Identity management
2. Documents was required to be organized in following structure and accessible based on Role & Permissions of user



Figure 1: Document Management System Structure

Project Approach / Activities:

The Project was divided into 3 phases as following:

Phase I: Analysis of functional specs, database design and working prototype

Phase II: Created a web application extending prototype to integrate code behind

Phase III: Setup of testing environment (same as the production environment) using dummy data provided by client.

Technology

Development Environment

Technology	Specifications
Technology & Framework	Alfresco Labs 3.0 (Community Edition)
Languages	Java
Database	MySQL 5.0
Web Server/Hosting Platform	Tomcat 6.0
Operating System	Windows XP

Deployment Environment

Technology	Specifications
Technology & Framework	Alfresco Labs 3.0 (Community Edition)
Database	MySQL 5.0
Web Server/Hosting Platform	Tomcat 6.0
Languages	Java
Operating System	Linux

Duration

1. Project Man Hours: 850 Man Hours
2. Project Development Life Cycle – 150 Days

Results Achieved

1. Enterprise Content Management System
2. Easy access files via web browsers



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.

For more information, please visit www.silvertouch.com or email info@silvertouch.com



India Headquarter
SilverTouch Technologies Limited
2nd Floor, Saffron,
Nr. Panchwati Circle,
Ahmedabad-380 006.
Tele : +91 - 79 - 2656 31 58
E-mail : info@silvertouch.com
Web : www.silvertouch.com

United Kingdom
SilverTouch Technologies UK Limited
Essex Technology & Innovation Centre,
Unit 7, The Gables, Ongar - CM5 0GA,
United Kingdom
Phone : +44 - (0) 127-736-4689
E-mail : info@silvertouchtech.co.uk
Web : www.silvertouchtech.co.uk

North America
SilverTouch Technologies INC
497 Route 27,
Iselin, NJ 08830
United States
Phone : +1 201 299 3529
E-mail : info@semaphore-software.com
Web : www.semaphore-software.com

© copyright 1992-2012 all rights reserved. Property of SilverTouch Technologies Ltd.

INDIA • UK • USA • NETHERLANDS • AUSTRALIA • FRANCE • GERMANY