

SharePoint based DMS Solution for Research Institute

Company
A Research institute at the one of the most reputed university in Asia

Industry
Research

Country
Singapore

Solution
Document Management System

Technologies Windows
SharePoint Services, MS
SQL Server

Duration
4 weeks

Background

Our customer is Singapore's national institute for applied solar energy research. It conducts industry-oriented research and development as well as use-inspired basic research in the field of solar energy conversion. The institute collaborates closely with industry.

The mission of our customer is to conduct research and development for a sustainable energy supply based on solar resources. We focus on the development of materials, components, processes and systems for photovoltaic electricity generation and energy efficient buildings. It is globally active but will focus on technologies and services for tropical regions, in particular for Singapore and South-East Asia.

The Customer had the following requirements:

- Web based Document management system to cater to research environment.
- Automation of research process and document creation and privileged sharing.
- Task delegation by super user and tracking, audit trails.
- Report generation.

Solution

Verinon has developed a Document Management System based on Windows SharePoint Services 3.0 platform and customized it to meet all customer requirements.

The solution simplified document creation and sharing process with web-based user interface to allow users from various teams like research, purchase, quality and personnel to store and share their documents with proper access rights and see the audit trail.

Few salient feature of the deployed system are:

- Document storing and sharing by multiple users based on the privileges.
- Standardized (configurable) and auto creation of file structure in server for each new customer.
- Major/minor versioning of documents.
- Check-in, check-out.
- Tracking log for date/time of report generation, amendments.
- Report Generator: including option for feedback form to customer.
- Gantt chart for use: Overall review by Super User; specific only for other users.



Solar Energy Research

Result

The solution has been successfully rolled out and introduced into the business activities of the Customer.

We have received very positive feedback after several months of the system's utilization.

Among the most important business benefits noted by the Customer are:

- Greater performance efficiency in client application, web based document management system for research activities and collaboration amongst project team members.
- User friendly document management system ensuring security of confidential information.
- Automation of major business process and activities to ensure enhanced productivity and central storage of all research related documents.

Technical Overview

The solution features the following characteristics:

- The solution is based on the Microsoft's most popular and widely accepted solution, SharePoint.
- The solution is based on Windows SharePoint Services 3.0 and Microsoft SQL Server 2005.
- The solution includes a well-designed security model based on business requirements - only special user groups have access to documents, and record types.

About Verinon

Verinon Technology Solutions is a CMMi Level 3 and ISO-9001 Certified IT Services Company specialized in system integration services around Document and Content Management, Collaboration, Business Intelligence, Data warehousing, Conversions and Interfaces/adapters coupled with a select pool of custom development areas to clients around the globe.

Verinon is a Gold Certified Partner since 2008. Our SharePoint practice consists of 50+ full time consultants serving our esteemed clients at every corner of the world providing Enterprise Content Management and portal solutions to our customers across world.

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