

▶ *The ComFrame implementation of SharePoint has enabled Energen to shave 25% off the time associated with our document life cycle, which includes creating, editing, locating and approving documents. This new portal vastly improves audit-readiness and strongly positions Energen for the future. We're planning to expand its use throughout the company.* ◀

Lynn Lovelady, Director of Enterprise Applications for Energen Corporation

ENERGEN

COMFRAME CLIENT CASE STUDY

INDUSTRY

Energy, Power and Utilities

SERVICES DELIVERED

- ✓ Regulatory Compliance Portal
- ✓ Document Life-Cycle Mgmt.

MAJOR BENEFITS

- ✓ Reduction of document life cycle by 25%
- ✓ Document versioning and security
- ✓ Enhanced regulatory compliance and auditability
- ✓ Improved workgroup collaboration & productivity
- ✓ Project management uniformity

CLIENT SNAPSHOT

Energen Corporation is a diversified energy holding company with headquarters in Birmingham, Alabama. Its two lines of business are the acquisition and development of natural gas, oil and natural gas liquids onshore in North America and natural gas distribution in central and north Alabama. Energen reported more than \$1.1 billion in annual revenues and 1,489 employees for 2005. Additional information on Energen can be found at www.energen.com.



Energen Compliance Portal Enables Audit-Ready Workgroup Collaboration

Business Challenge

As a publicly-traded energy company with the largest natural gas utility in the state of Alabama, Energen competes in a heavily regulated industry where documentation of business plans, practices and finances is not an option. In order to comply with the stringent requirements of Sarbanes Oxley, the Federal Energy Regulatory Commission (FERC) and the Public Service Commission, Energen must have corporate documents readily available and indexed for easy, intuitive access by Energen staff and by external auditors. Failure to prove compliance can result in hefty fines.

Prior to working with ComFrame Software Corporation, Energen stored its more than 15,000 electronic compliance documents in a shared network folder. Although the folder was a secure archive, it had major shortcomings. Keeping multiple versions of documents, including information on who modified them and when, is essential to the compliance audit process. The shared folder approach did not provide this versioning capability.

For the state's second largest utility, the lack of standards, workflow and efficiencies around compliance document management resulted in significant ongoing administrative costs. Other specific document-related problems included redundancy, absence of naming conventions, system navigation difficulty and the inability for workgroups to share documents and route them for revision and approval. All of these inhibitors combined to reduce productivity, increase the occurrence of erroneous and lost information and prolong and damage the Energen compliance audit process.

Solution Requirements

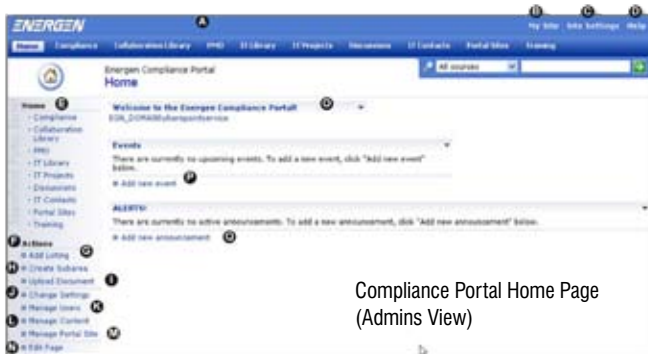
Energen partnered with ComFrame to design an intranet portal solution to replace their existing compliance document archive. The new compliance portal would address document management, versioning and approval workflow. The document portal would need to provide robust indexing, content search capabilities, workgroup collaboration as well as functioning as a one-stop location for Energen workgroup members to access and accomplish their work.

Project Example

ComFrame analysts create detailed design maps and storyboard presentation tools that guide development and help clients to more easily visualize new Web portal-based applications.

Technical (What it does)

- A See Navigation Bar for Details
- B Go to (or build) My Personal Site (disabled)
- C Go to Portal Site Administration Page
- D Go to SharePoint Help Page (pop up)
- E Same As Navigation Bar Tabs/Links, Also displays sub-areas to current location
- F Displays Admins Navigation Actions (Links)
- G Go to Add Listings Page (targeted list of content)
- H Go to Create Subarea Page (SubPage)
- I Upload Document
- J Go to Change Page Settings
- K Go to Manage Users Page to Add/Edit/Delete Users for Page
- L Go to Manage Content Page to Create Libraries, Lists, discussion boards, and surveys for Page
- M Go to Hierarchical View of Site Structure
- N Go to Edit Page Mode (See Right Edit Menu)
- O Current User Logged in Displayed
- P Add new Event to Events Area
- Q Add New Announcement to Alerts Area



Compliance Portal Home Page (Admins View)

Page Layout (What it is)

- A Navigation Bar
- B My Site (link) (Only Admins)
- C Site Settings (link) (Only Admins)
- D Help Page (text / link)
- E Left Side Bar Navigation (links)
- F Admin Navigation Bar (links)
- G Add Listing (link)
- H Create Subarea (link)
- I Upload Document (link)
- J Change Settings (link)
- K Manage Users (link)
- L Manage Content (link)
- M Manage Portal Site (link)
- N Edit Page (link)
- O Welcome "User Name" (text)
- P Events Area "Add New Event" (link)
- Q Alerts Area "Add New Announcement" (link)

Project Approach

As a Microsoft Gold-Certified Partner and Premier-Level IBM Business Partner, ComFrame has a wide range of packaged software alternatives it can offer to clients to complement its custom software engineering solutions. After evaluating alternatives, Energen determined that Microsoft's SharePoint Portal Server could not only provide the needed functionality, but could reduce IT costs and preserve the company's investment in existing applications, including Microsoft Office Suite, Microsoft Exchange and Active Directory.

ComFrame Business Analysts worked closely with Energen IT staff to understand regulatory compliance requirements and the flow of information between organizations. They created a reorganized file structure and provided a new, intuitive navigation approach and security setup. The analysts developed comprehensive portal design maps to guide creation of the new document hierarchy. They created storyboards that provided detailed renderings of the new portal screens and pointed out all of the functionality behind each screen. All existing compliance documents

were then renamed using standardized conventions and migrated into the new SharePoint portal solution. Role-based access was set up for Energen system users.

The ComFrame team provided comprehensive training to all initial compliance portal users. In addition, ComFrame delivered a train-the-trainer program designed to help Energen personnel be self-sufficient in getting future users up-to-speed. The design maps and storyboards that ComFrame developed were used to produce detailed

documentation for training and system reference. Deep IT expertise and knowledge of SharePoint Portal Server and other Microsoft Information Worker solutions enabled the ComFrame team to successfully complete the Energen compliance portal implementation in less than three weeks.

Business Results

Compliance Solution – The new Energen compliance portal, based on Microsoft SharePoint Portal Server, provides clearer audit trails and high document security. Documents can be rolled back to previous versions and the application keeps a history of who has accessed and modified each version.

Collaboration Portal - Work teams can modify documents in a more collaborative manner and route them for automated, one-step workgroup approval and/or rejection. The intuitive user interface enables users to publish their own content, resulting in fresher information and less development time. It allows management of projects and information uniformly across the company.

Document Management and Security

– Energen's new compliance portal provides substantial administrative improvements over the basic Website solution. For example, document check-in/check-out and versioning prevent interference with another person's work on shared files and eliminates proliferation of non-synchronized documents.



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