

A Partner Solution for Manufacturing & Energy

Establishing Best Practice Project Management for Engineering Projects



IBM **Information Management** software

The SWORD Group FUSION for IBM FileNet P8

Partner Solution

■ **Target Industry**

Manufacturing & Energy

■ **Business Applications**

*Engineering Project Management
Owner Plant Management*

■ **Products**

*IBM FileNet Business Process
Manager
IBM FileNet Content Manager*

Business Challenge

High levels of capital project expenditure in the manufacturing and energy sector have dramatically increased the number of plant facilities built and the volume of business for engineering contractors, equipment suppliers and EPC's. With full order books, any project delays have a severe impact on resourcing and logistics for follow-on project work and can be damaging to the organization's overall reputation. As a result, companies are looking to leverage technology to help handle the increased workload.

More and more projects are being completed by geographically distributed project teams that require real-time distribution and collaboration of project documentation across multiple time zones. Today, organizations need to collaborate with seamless information flows to prevent errors and accelerate decision making. Organizations need to support a changing and flexible project workforce by ensuring the consistent application of operating procedures.

Additionally, there is a need to capture best practices and design knowledge so this information is not lost when employees leave the organization.

When projects are completed, engineering organizations face yet another challenge in delivering project documentation to the customer in a timely manner. The traditional manual approach to project handover involves a 'once off' information collection, content and quality check, and compilation. This exercise is generally extremely laborious, time consuming and costly, lasting as long as 3 months with typical costs between \$500,000 to \$1 million per handover.

Solution

Fusion for IBM FileNet P8 supports globally distributed project and owner teams and automates key project document control procedures using 100 percent web-based software.

Fusion for IBM FileNet P8 ensures that all project information is captured, processed and delivered rapidly. The solution's advanced transmittal and distribution management tools replace slow, repetitive clerical processing. Fusion for IBM FileNet P8 reduces project liability and improves design and work schedules with electronic collaboration and auditing tools that manage participation from diverse locations and organizational participants.

SWORD

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The Content Management Experts

Additionally, the solution helps ensure compliance with standard operating procedures for each project. Automated audit logging ensures that a full history of compliance to these procedures is maintained.



With Fusion for IBM FileNet P8, all project members work with an up-to-date and consistent set of project documents to support real-time collaboration in the review, approval and issuance of project documents.

Fusion for IBM FileNet P8 extends these benefits through the full project lifecycle – from initial cost and benefit analysis through engineering and construction and on into daily plant operations.

Value Proposition

Fusion for IBM FileNet P8 ensures complex projects are completed on time and to budget. The solution reduces the risk of project delays by accelerating the processing of project documentation. Dramatic improvements in project efficiency are gained by eliminating timely and error-prone manual processing steps during common document control operations.

Additionally, the solution ensures compliance with project standard operating procedures and external regulations. Project ramp-up times are reduced because new hires and sub-contractors can leverage expertise and best practices from previous projects and follow standard procedures from the onset. The collaborative Web-based aspect of the solution enables organizations to leverage domain experts on projects from around the world and across the extended enterprise.

A typical complex engineering project manages as many as 100,000 documents and may result in more than 2.5 million transactions. In this scenario, saving just 1 minute per transaction using Fusion for IBM FileNet P8 would save approximately 40,000 hours in labor – for more than \$500,000 in cost savings.

Company Description

The SWORD Group has been providing IT solutions for more than 15 years and has a wealth of domain experience in the financial services, life sciences, energy and engineering sectors.

SWORD has offices in fifteen countries with 1,500 employees worldwide and revenues in excess of \$160 million, it consistently out performs its peers in both profitability and growth.

Attention to detail and unrivalled domain expertise, combined with unbeatable financial security has enabled SWORD to build and maintain excellent customer and partner relationships.

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