

Achieving the promise of your contracts
June 2008

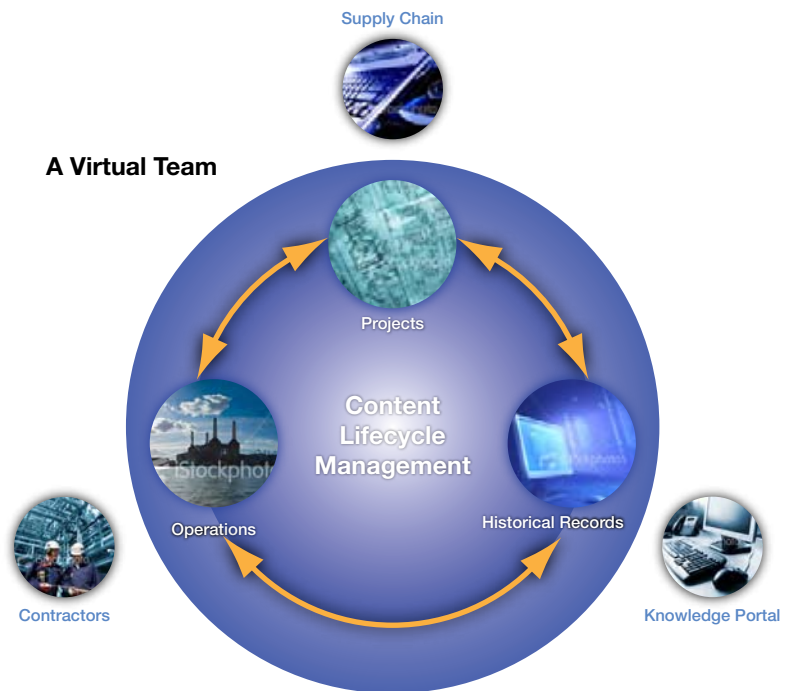


IBM **Information Management** software



Improving Capital Projects and Plant Operations





“Engineering is the art of organizing and directing men and controlling the forces and materials of nature for the benefit of the human race.”

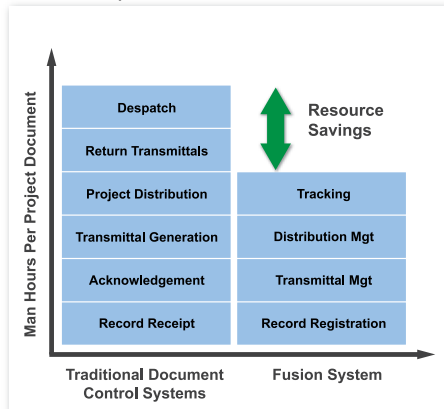
Henry G. Stott, 1907

Improving Capital Projects and Plant Operations

Fusion for IBM FileNet P8 supports globally distributed project and owner teams while automating key project document control procedures using 100 percent web software. The Fusion suite is an integrated set of enterprise content management (ECM) solutions that enables enterprises to dramatically improve business performance for complex engineering projects and plant operations. These solutions reduce the risk of project delays, eliminate timely and error prone manual processing steps and ensure compliance with project best practices and external regulations. All this is achieved through better management of information internally across the distributed enterprise and externally within the supply chain.

Fusion for IBM FileNet P8 enables organizations to work in real-time, with an up-to-date and consistent set of project documents that results in increased overall operational efficiency and productivity. The Web-based aspect of the solution enables organizations to leverage domain experts on projects from around the world and across the enterprise. Fusion focuses on the key business needs of improved information exchange and collaboration resulting in dramatic improvements to complex engineering projects by managing the entire content lifecycle—from the initial conceptual project through to completion and management of historical records.

Significant Reduction in Project Document Control Resource Requirements



Projects and Operations

Your business revolves around projects that deliver a product and/or service to your customers or to satisfy internal programs. Project closure will require turnover of project content to your customers, internal operational groups or regulatory bodies.

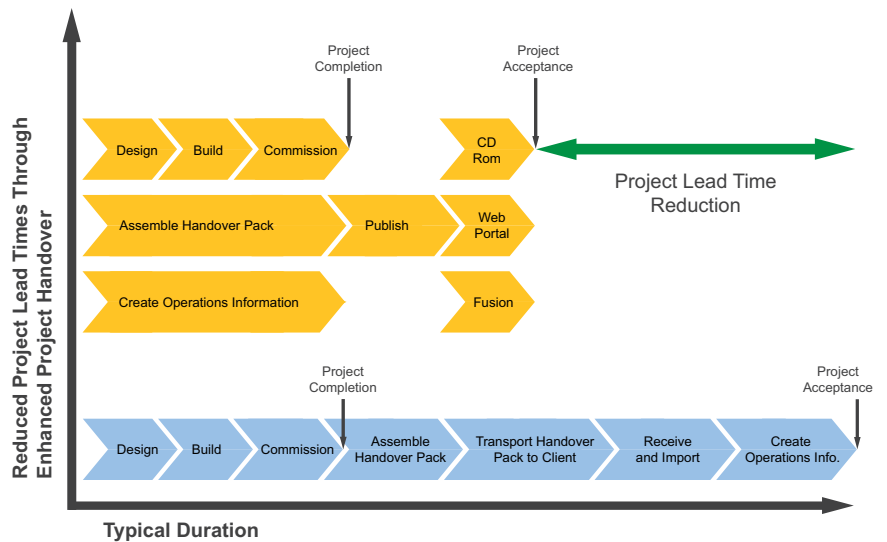
Fusion for IBM FileNet P8 provides the bridge between the project, operation and historical records environments by:

- Enabling internal and external access to project information via dedicated Web-based portals.
- Optimizing changes to the operational environment by publishing accurate “as-built” configuration details to internal or external organizations and retaining superseded information for controlled preservation and future reference and/or destruction.
- Carefully managing, sharing and publishing historical data through knowledge portals to enhance corporate knowledge retention and to re-use, and meet Ostatutory, regulatory or corporate requirement.

Projects

In an ever-competitive business environment, meeting the need to reduce project schedules is vital for competitive advantage. Outsourcing necessitates close coordination among various organizations that are often geographically remote.

Intranets and the Internet need to be exploited to remain at the competitive forefront. Fusion for IBM FileNet P8 will help to reduce your project schedules and costs by enhancing the collaboration between all project members through improved information management and distribution.



How it Works

Fusion for IBM FileNet P8 provides a database to manage all of the content generated during a project (e.g. CAD drawings, correspondence, RFPs, vendor documentation, photographs, etc.). This information is securely managed and can be defined to match the specific requirements of the project.

Project control activities can be automated to manage documentation, transmittals and internal distribution of information. Tracking and reporting capabilities and interfaces to project management systems keep the project team fully informed and your project on track.

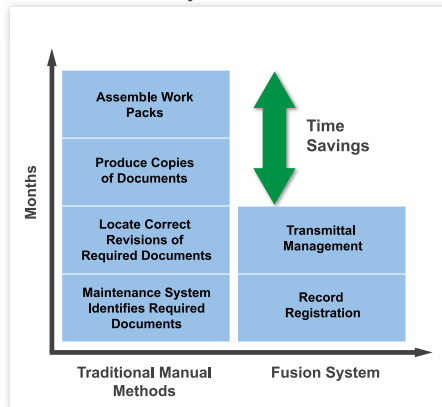
Fusion for IBM FileNet P8 provides web based communications within your project team, dramatically improves the distribution of information, promoting far closer collaboration.

Key Benefits

Reduced Costs

Automating labor-intensive registration, distribution and transmittal clerical activities reduces project administration costs. You are now able to quickly distribute project deliverables to the different discipline teams without needing to copy and print

Significant Reduction in Document Control, Retrieval and Assembly



paper-based documentation. Electronic transmittals allow you to quickly and securely dispatch project documents to your project partners through your email or Internet infrastructure. This eliminates traditional printing and postal charges and allows you to reduce supplier delivery lead-times.

Improved Productivity

Project content is now available on-line 24/7, allowing decisions to be made faster and deliverables to be tracked throughout the lifecycle of the project. Routine procedures involving the review and approval of project deliverables are streamlined to improve efficiency.

Electronic document management and distribution improves productivity by removing delays waiting for information required to complete some project activity.

Improved Compliance

Fusion for IBM FileNet P8 manages the full lifecycle of each deliverable associated with the project. All lifecycle activities are controlled and audited within the system. Project correspondence is captured and managed. This reduces the risk of project delays due to contractual disputes or non-compliance with regulatory or statutory requirements.

Increased Customer Satisfaction

Project handover content is assembled during the execution of the project itself and may be handed over electronically to your customer. This allows you to complete projects faster for competitive differentiation.

Better Safety and Security

Version control ensures only current information is available to project and site personnel, dramatically reducing the risk of using inaccurate data. Security features enable project managers (and/or document controllers) to determine read, write and access capabilities to prevent confidential information from being accessed by unauthorized people.

Operations

More than 90 percent of information about a plant or facility is contained within files, including its “as-built” configuration and procedures for its operation and maintenance. To operate your plant efficiently, safely and to satisfy regulatory requirements, you need to carefully manage the creation, modification, distribution and access of key design and operating documentation.



Fusion for IBM FileNet P8 will reduce operating costs and increase efficiency by improving the management and distribution of this information.

How it Works

Fusion for IBM FileNet P8 solves the problems of facilitating accurate and timely information distribution by providing users with on-line access to information 24/7. Additionally, by allowing different types of content to be interrelated, staff can quickly find a complete and up-to-date set of information for the job at hand, as well as any outstanding or pending changes.

Work pack production can be automated in conjunction with maintenance or work management systems. This enables them to be prepared much closer to the date of shutdown and ensures staff are working with accurate information. Additionally, documents can be printed with watermarks and/or print banners to ensure controlled distribution of this information.

The application of workflow improves business processes by providing assurance that correct procedures are complied with enabling managers to monitor quality and work progress while maintaining a full audit trail.

Key Benefits

Increased Shutdown Productivity - Reduced Shutdowns

Instant access to accurate information speeds up transmittal distribution and maximizes productivity of planned shutdowns while eliminating unplanned shutdowns due to inaccurate data.

Reduced Health & Safety Risk

Health & Safety risks are better managed as staff are less likely to use inaccurate

information that could lead to a serious accident.

Reduced Costs

Project administration is reduced as time taken to find, collate, print, distribute and hand over information is cut. By providing instant access to current information, costs to find, print and distribute information for projects, maintenance and work packs are reduced and it is easier to achieve and maintain regulatory compliance.

The SWORD Solution

The SWORD solution, Fusion for IBM FileNet P8, consists of the following products and services that quickly provide a complete, functioning solution:

- Industry Focused Templates that include configurable data models and user interfaces, tailored for specific industry requirements and terminology.
- Professional Services from expert consultants with extensive experience implementing Fusion solutions on time and to specification.
- Training for your users to give you full control over the operation, maintenance and evolution of your system.
- Technical Support so you've always got someone who understands your business and can help you as and when required.



Sword

SWORD is a global provider of content management application solutions to industry, solutions that enable enterprises to improve their business performance through better management of their information.

More than 120,000 users across 650 sites in 30 countries worldwide employ SWORD's software - making it one of the most popular solutions in its market.

We are a business partner who understands your business and is proven in your industry. A partner who will provide long term support and future product enhancements designed for your needs.

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IBM

IBM's Enterprise Content Management software operation enables the world's top companies to make better decisions, faster. As the market leader in content, process and compliance software, IBM ECM delivers a broad set of mission-critical solutions that help solve today's most difficult business challenges: managing unstructured content, optimizing business processes and helping satisfy complex compliance requirements through an integrated information infrastructure. More than 13,000 global companies, organizations and governments rely on IBM ECM to improve performance and remain competitive through innovation.

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