

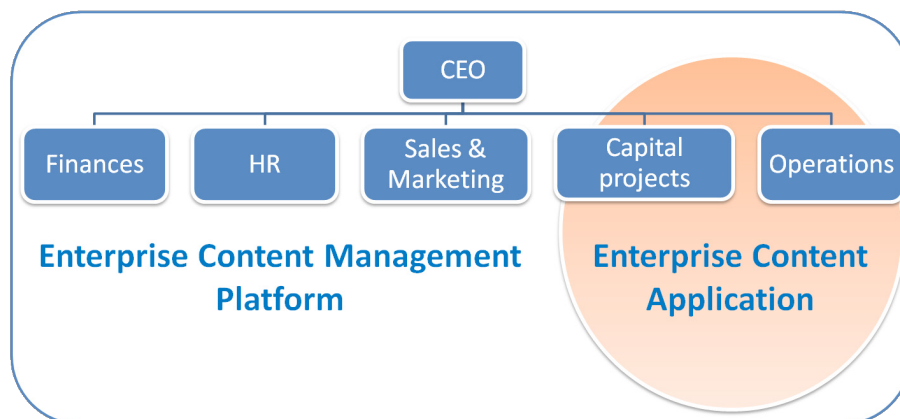
SWORD

UPGRADE YOUR BUSINESS

SwordCTSpace

FusionEnterprise Engineering Content Management from Projects to Operations

Most enterprises have installed an Enterprise Content Management system within the last 5 years. Some are small departmental deployments whereas others are enterprise wide. Popular ECM platforms provide excellent core content management functions but often fall short of the demanding requirements of the more technical parts of the business. FusionEnterprise is a specialist Content Application for your Capital Projects and Operations that works hand-in-hand with your current ECM platform.



The content generated and used by FusionEnterprise is stored in your ECM platform and can be searched using your Enterprise Search and Business Intelligence tools. FusionEnterprise adds a rich set of Engineering Content functionality that applies across the whole spectrum of your asset lifecycle.

Without a solution like FusionEnterprise organisations often need to invest in significant tactical customizations to their ECM platform and incur a heavy total cost of ownership to maintain them over time. FusionEnterprise reduces the total cost of ownership because it is a solution based upon standard application software.

FusionEnterprise has been specifically designed to manage engineering documentation in the context of a construction project or operating plant or facility. It enables organisations to automate everyday document control operations and document-centric business processes using a standard web browser. It provides a secure, easy-to-navigate web application that uses common information search/retrieval metaphors found in popular web sites today.

FusionEnterprise allows organisations to quickly deploy document control and automate the business process to enforce compliance to corporate and governmental standards.

FusionEnterprise enables anybody within an entire organisation or supply chain to quickly perform complex design and engineering tasks.

Supported ECM Platforms



Microsoft
SharePoint 2010

IBM FileNet P8 Platform



OPEN TEXT
The Content Experts™

Benefits

Reduces the total cost of ownership

Quick deployment of document control and automation of business process

Enforces compliance to corporate and governmental standards

Improves efficiency with instant access to information about your asset

Enhances safety, providing instant access to information in cases of a safety breach

Retains knowledge about the plant through effective records management

Fusion**Enterprise** is based on years of experience and provides real business benefits:

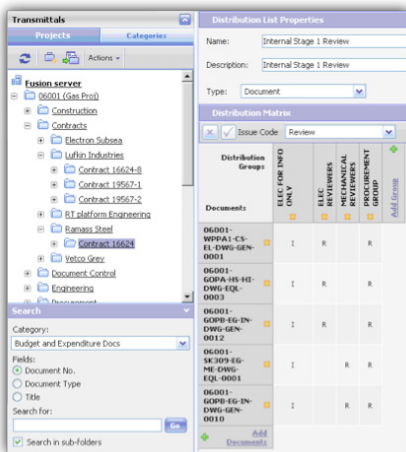
- Maximises revenue generation by reducing shutdown times and streamlining work pack production.
- Makes regulatory compliance easier by providing full audit trails.
- Improves efficiency with instant access to information about your asset
- Enhances safety, providing instant access to information in cases of a safety breach.
- Retains knowledge about the plant through effective records management

Fusion**Enterprise** supplements an organisation's chosen ECM system with modules that optimise the business processes of an enterprise from top-to-bottom, from project management to workflow management. These modules integrate seamlessly with the native ECM platform, allowing project participants to work in a familiar environment while lowering implementation costs and eliminating the need for extra training time

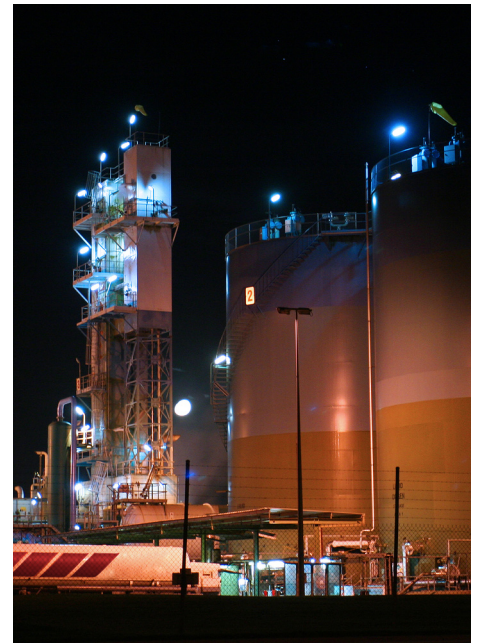
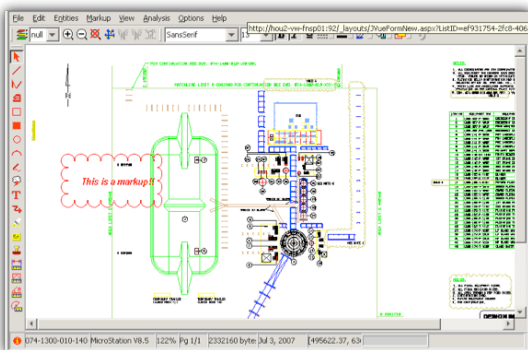
Project Management Integration: Fusion**Enterprise** is able to generate a folder structure based upon the work breakdown structure in your Microsoft Project Plan – this allows you to track projects down to package or document level.

Document Lifecycle: You are able to define document lifecycles for different document types and then track and expedite documents against each lifecycle stage. Progress can be rolled up to package and folder level to allow you to link to project WBS. Fusion**Enterprise** provides automatic document number generation as part of the lifecycle process.

Transmittals: Fusion**Enterprise** allows you to automate the Incoming and Outgoing transmittal processes. All aspects of transmittal generation, letter creation, approval, dispatch and acknowledge are handled by the system.



Document Distribution: You are able to configure Distribution Matrices and Distribution lists to support the concurrent execution of multiple projects. Serial and/ or parallel distribution is supported together with paper based circulation.



Key application modules

Project Management Integration

Document Lifecycle

Transmittals

Document Distribution

Document Relationships

CAD Drawing Management

Alerts & Warnings

EAM Integration

Concurrent Engineering

Document Viewing, Markup & Approval

Workflow Management

Change Control

Batch Import & Export

PDF Generation

CAD Drawing Management: FusionEnterprise integrates directly into AutoCAD and MicroStation to allow your design and drafting personnel to interact with your ECM directly from CAD.

Document Relationships: Users can quickly view all documents related to a physical tag. Design drawings are linked to associated vendor documents.

Alerts and Warnings: Proactive visual alerts are displayed when users access documents that are subject to change or flagged in some manner as requiring a warning to plant level personnel.

EAM Integration: FusionEnterprise integrates with your Enterprise Asset Management system to enable two-way information exchange to support work order management.

Concurrent Engineering: Multiple copies of a document can be made and concurrently changed. FusionEnterprise keeps track of the changes to support the eventual merge and consolidation.

Document Viewing, Markup and Approval: FusionEnterprise provides a document viewing and markup capability that is built directly into the FusionEnterprise web application. This allows users to review and approve documents without needing the native application installed on their workstation.

Workflow Management: FusionEnterprise provides a graphical workflow modeling and monitoring tool that allows you to automate your business processes with the system. Any number of workflow processes can be automated with the system keeping a full audit trail of all workflow actions performed for compliance purposes.

Change Control: Users are able to very easily flag potential changes directly from their web browser and FusionEnterprise will initiate a change request process. FusionEnterprise automates the various stages of the change process and provides alerts to warn users of pending change.

Batch Import and Export: FusionEnterprise allows you to pre-load documents as placeholders during a project and bulk index documents from are sent from design teams or external vendors. You are able bulk export documents complete with selected metadata as part of a turnover process.

PDF Generation: Fusion is able to create PDF renditions of documents that are part of the document lifecycle process. By default, users will access the PDF rendition of a document rather than the native copy.

About Sword CTSpace

Sword CTSpace provides document management and collaboration workflow applications for the construction and engineering industry that increase the efficiency and reduce the risks in managing a built asset during its entire lifecycle. Sword CTSpace's solutions are used by market leading companies across such industries as Oil, Gas & Energy, Transportation, Utilities, Commercial Property and Government. Multi-language solutions are available as SaaS (Software as a Service) or as extensions to leading ECM platforms such as IBM FileNet and Microsoft SharePoint. Sword CTSpace's strategic solutions are helping more than 145,000 professionals on 13,000 projects in 56 countries benefit through improved business processes, enabling their companies to improve internal and external communications and demonstrate measurable business benefits. Asset owners and owners of critical engineering and construction programs and projects realize faster turnaround, increased accountability, reduced risk and tangible cost savings. Our technology platform is supported by a dedicated global team of consultants that understand the success of any implementation is not only due to technology, but for a significant part to the people and processes involved. Our global team of support engineers is helping Sword CTSpace clients on a daily basis to optimize the usage of our solutions. To find out more, please visit www.sword-ctspace.com.

About Sword Group

Sword CTSpace is part of the Sword Group of companies. Sword Group delivers high value business applications to the world's largest companies globally. With operations in 37 countries, Sword today employs over 1700 people and generated \$240m in consolidated revenue in 2009. To find out more, please visit www.sword-group.com.

Key business processes

Vendor document review

Design review & issue

Project document control

Project correspondence

Management of change

Word Order Planning

Safety Case

Design & Drafting

Procedure Revision

Project Turnover

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For a complete listing of our offices please visit our website

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