

EMC Documentum Enterprise Content Management Platform

Industry's only unified enterprise-class content management system

The Big Picture

- Service-oriented, enterprise-class infrastructure with global support and distributed capabilities
- Highly scalable, unified content repository for securely storing and managing enterprise content assets
- Pervasive access to enterprise content through variety of end-user applications
- Unmatched security and compliance services
- A rich set of application services including extensive collaborative, transactional, interactive, and archive capabilities
- Highly extensible architecture with superior configuration and development resources

Your business depends on timely access to accurate information in order to develop and produce products and services that effectively meet the needs of your customers—and ultimately to maintain a competitive advantage. In today's digitally driven economy, business information comes in countless forms—fixed content such as reports, video, and scanned images, and dynamic content such as text documents, spreadsheets, XML, or web pages. Unstructured content accounts for more than 80 percent of a company's overall data; getting control over its growth is one of the biggest challenges for businesses today.

Leveraging content for competitive advantage

Organizations are adopting an enterprise content management platform to address the business challenges associated with unmanaged information. Enterprise content management solutions improve business productivity and agility by providing better access to information and creating a foundation for sharing, securing, and reusing this content throughout the enterprise. An enterprise content management platform allows companies to reduce data hardware and software costs, and to integrate key information in unique ways to exploit new insights or quickly adapt to changing business requirements.

Content, process, and repository services

The EMC® Documentum® platform provides the foundation for a broad suite of targeted business applications. Offered by EMC and third parties, these applications span knowledge management, collaboration, transactional process management, web content management, rich media management, and archiving. The platform provides a secure, unified environment for storing, accessing, organizing, controlling, and delivering any type of unstructured information. Policy-driven automation enables you to create, review, approve, and publish any piece of content in accordance with business rules to support end-to-end solutions. An essential part of your IT infrastructure, Documentum is a high-performance, exceptionally scalable platform that can automate entire business processes, facilitate compliance, and make it easier to find information within and outside your organization.

The award-winning EMC Documentum enterprise content management platform is meeting the needs of the world's most demanding enterprises by providing the demonstrated stability and scalability customers need to incorporate content management into their Web 2.0 information infrastructure.

Uniquely flexible repository architecture

The Documentum platform was architected to maximize deployment flexibility and scalability. Content files can be stored in a file system, a database, or content-addressable storage like EMC Centera™. Metadata and the full-text index are each stored separately. By supporting all major database platforms, operating systems, browsers, portals, application servers, and development standards, Documentum provides the industry's only true vendor-agnostic architecture. This flexibility protects the investment in your existing IT infrastructure and lowers the overall cost of ownership.

Uniquely platform neutral, EMC Documentum supports a broad range of IT environments

Browser Support	Application Server Support
Apple Safari	Apache
Microsoft Internet Explorer	BEA
Mozilla Firefox	IBM
Netscape	Oracle
	Sun

Database Support	Platform Support
IBM DB2	AIX
Microsoft SQL Server	HP-UX
Oracle	Linux
Sybase	Microsoft Windows Server
	Solaris

The architecture also supports flexible deployment. Repositories can be replicated, federated, and locally cached. This means you can strike the right balance between performance and IT administration requirements, whether supporting departments across town or around the globe.

Both the content server and the repository can scale vertically or horizontally, enabling Documentum to effortlessly accommodate billions of objects. Intelligent backups, clustering, and auto-failover by application ensure that Documentum provides the high-availability and business continuity guarantees that are needed when managing mission-critical business processes.

Integrated native XML repository

EMC provides an integrated, end-to-end solution for creating, managing, accessing, archiving, and delivering XML alongside all other types of enterprise content. Documentum is the only enterprise content management system with the ability to fully realize the benefits of XML for information management, increasing business value for all types of enterprise content by improving information access, compliance, business processes, and knowledge sharing. The platform's XML capabilities include robust management of XML documents and components, high-performance search and query of XML content, dynamic delivery, and content transformation for content repurposing and personalized publishing.

EMC Documentum Content Server

EMC Documentum Content Server provides the fundamental capabilities for accessing and storing repository information. Content Server governs the Documentum content repository and provides a rich set of enterprise content services (ECS) for controlling content and processes throughout the enterprise.

Puts your information into action

ECS suites, such as EMC Documentum Foundation Services (DFS), enable organizations to incorporate enterprise content management services into their service-oriented business applications, reducing redundancy, lowering total cost of ownership, and increasing compliance, manageability, and flexibility. Documentum Foundation Services offers a complete services architecture framework that provides a set of runtime and design-time capabilities, as well as a comprehensive suite of core content services organized as part of a services-repository repository, including check-in/check-out, versioning, object-level access control, and role-based configurations.

Documentum then enhances your standard document management offering with features such as automated metadata analysis and attribution, enhanced preview, rendition modeling, workflow, lifecycle management, and virtual document management. These powerful capabilities put your information into action, allowing you to leverage content in response to changing business needs or to optimize resources based on the changing value of information. In addition, superior search capabilities make it easy to find content in the repositories as well as in information sources across—and even outside of—the enterprise.

Reduces total cost of ownership

The value of information can change over time, based on where it is in its lifecycle or in a workflow. How and where content is stored, and how it is managed, is a critical business consideration, whether for operations performance, for resource optimization, or to meet compliance requirements. With extended options for managing and storing content, Documentum enables users to define and automate content storage policies—enabling policy-based information lifecycle management (ILM), dramatically improving resource optimization, and simplifying compliance. Adding Documentum High-Volume Server functionality also allows you to shrink your database footprint and better align database storage with service-level agreements.

Improves content protection and facilitates compliance

With the most secure content repository in the industry, Documentum features encrypted communications between the repository, clients, and applications, and enables flexible and comprehensive authentication, authorization, as well as audit and access control. The Documentum platform ensures that your enterprise content is complete, accurate, and protected from inappropriate use or disclosure.

The unified repository and architecture dramatically simplify compliance and regulatory challenges; your content is always readily accessible to regulators, auditors, and employees when needed. Documentum also provides enhanced levels of security through platform extensions such as EMC Documentum Trusted Services, EMC Documentum Information Rights Management, EMC Documentum Records Manager, and EMC Documentum Retention Policy Services.

Flexible client infrastructure

The Documentum platform enables users to access the content they require with ease and speed. Offering the ultimate in flexibility, the Documentum platform supplies a client infrastructure with the framework and tools that allow users to use content management functionality across a range of desktop, portal, or web-based applications. Shared components ensure that clients maintain a consistent look and feel when using common functionality.

Optimizes information access

Native integrations with popular authoring tools, such as Microsoft Word, Excel, Outlook, and SharePoint, enable content access and process management through familiar applications. A software development kit (SDK) allows you to incorporate content management capabilities directly into any application of your choice. And support of JSR168 means that Documentum works with all major portal vendors such as BEA, IBM, and Oracle, and is certified for SAP® NetWeaver®.

Provides foundation for successful global software deployments

The ability to deploy content applications anywhere around the world and to create, store, and publish content in a wide variety of languages are key requirements for global enterprises today. Enabling employees, customers, and partners to interact with the enterprise in their own languages is critical to expanding into—and accelerating profitability in—new geographic markets. The Documentum platform supports the Unicode universal character set (UTF-16); provides localized UIs; accurately stores, displays, and searches across documents in multiple languages; and runs clients on native language browsers and operating systems, all within a single repository.

High-volume content processing

EMC Documentum High-Volume Server, a repository for high-volume applications, provides features for rapid ingestion, efficient database storage, and reliable access to content. Documentum High-Volume Server is perfectly suited to applications designed for transactional processing and archiving—or any application that processes large amounts of content. Documentum High-Volume Server can be used as a standalone repository or as a transaction-processing accelerator when coupled with Documentum Content Server.

Rapid application development and deployment

Architected according to service-oriented principles, standards-based, and highly extensible, Documentum is the preferred choice for both developers and IT administrators. Documentum Enterprise Content Services enable rapid development of content applications and simplify incorporating content management into business processes that connect suppliers, partners, and customers.

An innovative, service-based interface radically simplifies development and integration with ready-to-use Enterprise Content Services for full participation in enterprise service-oriented architectures. The EMC Documentum Composer provides Eclipse-based tools to significantly enhance the assembly, configuration, and deployment of Documentum applications. Reusable application elements such as user interface components, lifecycle definitions, security settings, object type definitions, and workflow templates dramatically speed the time to deployment. Additional configuration elements such as role-based user presets, forms, templates, and skins all emphasize configuration over coding.

The EMC Documentum advantage

Never before has there been a more effective way to manage enterprise content. With the Documentum platform, organizations can leverage content and improve processes to accelerate product development, launch marketing campaigns, win new business, and build customer loyalty. Whether deployed to meet the needs of a single department or as an enterprise standard, EMC Documentum becomes a strategic and effective part of the information infrastructure.



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