



Highlights

- Provides hybrid deployment options from on premises to cloud and anywhere in between
 - Supports document management, collaboration and content sharing on any device, anywhere, at any time
 - Simplifies management of the ever-increasing flow of unstructured data through application integration and content consolidation
 - Enables better control of unstructured content by linking it to business processes and systems
 - Can be deployed on premises or hosted on IBM Cloud as a private, secure, managed solution
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IBM Content Foundation

World-class content platform designed to enhance content access, team collaboration and mobility

Channeling the flood of big data

An estimated 90 percent of the world's data was generated between 2011 and 2013,¹ and the volume of data is only continuing to grow. With the majority of new data being unstructured—and unstructured data growing at twice the rate of structured data²—it is fair to say that today's enterprises are being flooded by unstructured internal and external data.

Companies need to discover content, recognize its value and act on it to improve business outcomes. Overwhelmed organizations are struggling to capture, protect, activate, analyze and engage with this content as they strive to improve the customer experience, better predict trends and patterns, and enhance critical business decision-making. With hybrid deployment options ranging from on premises to cloud and anywhere in between, IBM® Content Foundation offers businesses better choices for enterprise content management (ECM).

Delivering business value for small, medium and large companies

Content Foundation provides world-class scalability, performance, security and stability while leveraging mobile and social technologies to help manage the wealth of enterprise content. Long recognized as a content management leader, IBM has leveraged its ECM experience to develop a solution that offers operational flexibility with a smaller footprint and a potentially lower total cost. The result: a more nimble offering that helps simplify installation and configuration for on-premises deployments and provides the option of cloud deployment. Content Foundation is a competitive offering for small, medium and large companies.



Boosting the value of unstructured enterprise content

Content Foundation can deliver comprehensive management capabilities throughout the document and content lifecycles. Offering improved control of unstructured content, Content Foundation can deliver the scalability, security and stability capabilities clients have come to expect whether working on premises or on the cloud.

Document management

The lifeblood of ECM, document management supports document and publication requirements and processes. Content Foundation offers a broad range of capabilities, such as simple document management and large and complex publication. It includes the depth and flexibility businesses require to handle enterprise publication processes for electronic content authoring as well as rich versioning and lifecycle capabilities for control, security and consistency, from capture through retirement. Capable of handling imaging and advanced document management, Content Foundation can help thousands of subject-matter experts collaborate on the creation and publication of complex documents.

Custom application development

The development of customized, fine-grained, expansive content management applications is an essential use case for many organizations and IBM Business Partners. Content Foundation offers a set of tools for a variety of development scenarios, including user experience; integration using the IBM Content Navigator toolkit; and in-depth development using application programming interfaces (APIs) for Java, Microsoft .NET and web services integration. Support for standards-based APIs and toolkits, such as Content Management Interoperability Services (CMIS), enables developers to build solutions that work with multiple third-party vendor repositories.

ECM consolidation

Whether a business grows through acquisitions or is acquired by another business, it may find itself with multiple content repositories, which can make it difficult to gain a single view of siloed content to realize its value. Content Foundation includes services to enable federation of metadata from multiple ECM repositories to be consolidated in a single Content Foundation repository without actually moving the content itself. This helps the organization gain a single view of the content without performing a full content migration. Those same tools can also be used to perform migrations when the time is right for the business. With the availability of Content Foundation on Cloud, organizations also have the option to rapidly deploy new ECM workloads in the cloud—further reducing time to value and relieving themselves of additional capital expenditure and IT management burdens.

Enterprise manageability

Today's IT organizations are under pressure to improve efficiency, reduce costs, improve response times and streamline the manageability of enterprise content management. The Content Foundation has a single content platform engine that, together with web-based administration and search optimization, can deliver a significant reduction in the cost and effort to install, configure and maintain an enterprise-scale ECM deployment.

Extensive platform support, including IBM Cloud

Content Foundation supports leading industry operating systems, including IBM AIX®, Microsoft Windows, Linux and Apple iOS software, as well as leading databases, application servers and other industry standards such as HTML5, CMIS and Darwin Information Typing Architecture (DITA).

Storage optimization

Storage budgets create two-pronged pressure for today's IT departments: control storage costs and keep pace with the explosion of content from social, mobile and instrumented devices. Content Foundation automatically compresses data as it is written to on-disk storage. This "smart" compression detects already-compressed content, conserving valuable processing resources.

Social content management

The burgeoning use of social media in today's business environment demands that organizations capture the activities and opinions of employees, partners and customers to gain insight and better understand the relevance and status of social content. Content Foundation offers social tagging, comments, likes and download tracking. These capabilities share the wisdom of the crowd with a business by bringing the opinions and insight of others to the surface. By better understanding which and how often published content has been viewed, as well as what people thought about that content, organizations can spend more time publishing content that is appreciated and pertinent.

Enhancing the mobile and collaborative content experience

Today's workforce is on the move, using mobile and social technologies to collaborate and connect from almost anywhere, at practically any time. So organizations must also set their content in motion. Content Navigator, a key component of Content Foundation, offers a unified user experience that spans multiple repositories, which can dramatically change the way in which people interact with and manage content. It also delivers an expanded collaborative and mobile content experience to support better, faster decision-making from almost anywhere users reside and on the device of their choice.

Take advantage of the cloud

Content Foundation on Cloud is a secure, single-tenancy, highly available, disaster-recovery protected and fully managed system that enables companies to leverage the power and scalability of Content Foundation in a nimble, affordable and easy-to-consume cloud offering. Its subscription-based document management service provides the tools needed to rapidly design and develop content-centric applications without building and maintaining an IT infrastructure.

Separately priced services are available for migrations and conversions, configuration and training, integration with other business applications and customer-specific solution requirements.

Why IBM?

Software is helping build a smarter planet, giving organizations more opportunities to realize their potential and break new ground. To achieve such goals, businesses need software that is fueled by expertise, built for change and ready for work. IBM ECM solutions can help, as more than 13,000 organizations around the world are succeeding with smarter content solutions from IBM.

As a marketplace leader in content, process and compliance software, IBM delivers a broad set of mission-critical ECM solutions that help solve today's most difficult challenges—managing unstructured content, optimizing business processes and helping satisfy complex requirements—through an integrated information infrastructure backed by 24x7 global support services. The comprehensive ECM portfolio—including industry solutions from IBM Business Partners—supports the goal of using information as a strategic asset to fuel a content-driven culture through better business and IT alignment.

For more information

To learn more about IBM Content Foundation and how your organization can benefit from its smaller footprint, ease of use and potentially lower total cost of ownership, contact your local IBM representative or IBM Business. Get access to a one month free trial for IBM Content Foundation on cloud ibm.biz/Bd4fM4



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1, 2 Dennis, Valerie. “Finding out the Questions to be Asked Simplifies the Search for Information Within Unstructured Data.” IBM Systems Magazine. May 2014.



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