



## IBM FileNet Content Federation Services

---

### Overview

---

*“Content integration is a critical component of enterprise content management (ECM) that must not be overlooked when developing an ECM architecture... While content repositories can be integrated on a point-to-point basis through systems integration or accessed through portals using aggregation and/or federated search, a content integration layer linking virtual repositories bidirectionally is the best approach and will dominate the content integration landscape.”*

**The Content Integration Imperative,  
Forrester Research, Inc., March 2004**

The explosive growth of content is a challenge for all organizations. It is estimated that the volume of content is growing at more than 75 percent a year. Combined with increasing compliance requirements to better manage corporate content and critical business records, organizations must find a way to access and manage information stored across the enterprise. This requires access to multiple business systems and numerous repositories.

IBM FileNet Content Federation Services (CFS) enables organizations to access content from numerous heterogeneous repositories anywhere in the enterprise and federate this information to provide a single enterprise source for critical business content. Unlike other enterprise content integration services in which capabilities are limited to searching repositories only, Content Federation Services allows enterprises to search, catalog, classify, secure, retain, comply, activate, update and delete content residing in repositories across the enterprise. It also makes content an active part of an organization's business processes, helping to streamline processes, improve performance, and enable better, faster decisions throughout the enterprise.

Existing investments in content management can be preserved, while enabling a consolidated enterprise view of content and providing a single, master enterprise catalog. These services will drive future development efforts and reduce the complexity of managing content across the enterprise. Further, you can also apply the full breadth of ECM capabilities available in all IBM FileNet products over any item of content, in any repository, to drive any process or inform any decision anywhere in the enterprise. For example, content can be activated to trigger business processes. Records management policies can be transparently enforced by automatically declaring content and documents, including email messages, as corporate records.

With Content Federation Services deployed, application developers can focus on solving the business problem, rather than worrying about where documents, images or Web content reside. Content Federation Services reduces complexity by enabling applications to easily access content through a single call to the IBM FileNet P8 Enterprise Catalog Service.

**Actively Manage Content Across the Entire Enterprise**

**Extends IBM FileNet P8 to IBM FileNet Image Services** CFS extends the P8 object and metadata model to embrace Image Services deployments in-place.

**Interoperability With IBM FileNet Content Services** Content Services customers can use CFS to take advantage of P8 content and process enhancements to better manage their existing content in-place.

**Any Document, Any Type of Content** Supports any type of digital content you need to store, even if it is in a non-IBM FileNet repository.

**Immediate ROI** Since users continue to use their existing user interface to interact with CFS-enabled content, ROI starts from the moment CFS places a repository under management.

**Easy Integration & Streamlined Application Development** P8's API and Web Services implementations support CFS so existing applications can make immediate use of CFS content without requiring changes or modifications. New applications see only a single catalog of unstructured data eliminating the need to perform multiple integrations across numerous independent content catalogs and repositories.

**Simplified Deployment & Administration** Content managed through CFS uses the same content workflow and versioning support as native P8 content.

**Reduced Training & Support Costs** Allows users to work in their existing interfaces, thus making CFS invisible to most users and greatly reducing training and support costs since users do not have to learn new systems and tools.

**Publishing Support** Allows content made available through CFS to be published through IBM FileNet Web Site Manager and Web Publisher as if it were native FileNet content. Approval workflows and versioning are fully supported.

**Transformation Services** Allows CFS-managed content, even if it is stored outside of P8, to be converted to universal formats such as HTML and PDF through Transformation Services.

**Deep FileNet Suite Integration** All content that is made available by CFS is inherently and automatically available for use and management by the entire breadth of the IBM FileNet P8 suites.

**Protects Existing Investments** Preserves existing investments in content management, while enabling a consolidated enterprise view of content and a singular set of catalog services.

**End-to-End Enterprise Search** Enables users and applications to find content across the entire enterprise through easy-to-use, integrated search capabilities. Users can perform end-to-end searches from their existing user interfaces.

**Unified Enterprise Catalog & Library Services** Provides a single master catalog of all your documents and content across multiple repositories. Supports library services, such as check-in/check-out through multiple sources such as Microsoft Office, portals, IBM FileNet Team Collaboration Manager, IBM FileNet Web Site Manager and many other interfaces.

**Active Content & Event-Driven Workflow** Both fixed and dynamic content in non-FileNet repositories can be active participants in your business rather than passive overhead.

**Enterprise-wide Lifecycle Management** Provides full lifecycle management — creation, editing and approval, publishing, storage, retention and delete operations — for all of your content across both FileNet and non-FileNet repositories.

**Compliance & Risk Management** Transparently enforces records management policies across repositories and in response to business events automatically. Content and documents, including email messages, can be automatically declared as corporate records across multiple repositories.

## **Technical Specifications**

### ***Operating Systems***

- IBM AIX 5.1/5.2
- Microsoft Windows 2000/2003
- Sun Solaris 5.9
- HP-UX 11i
- Red Hat Linux

### ***Databases***

- IBM DB2
- Microsoft SQL Server
- Oracle

### ***Directory Services***

- Microsoft Active Directory
- Novell eDirectory
- Sun Java System

### ***J2EE App Servers***

- BEA WebLogic
- IBM WebSphere
- Sun Java System
- Oracle
- JBoss
- Apache Tomcat

### ***Browsers***

- Microsoft Internet Explorer
- Netscape
- Browsers that support HTML 4.0 and CSS 2.0

## ***Works With***

- IBM FileNet Business Process Manager
- IBM FileNet Content Manager
- IBM FileNet Forms Manager
- IBM FileNet Email Manager
- IBM FileNet Image Manager - Active Edition
- IBM FileNet Records Manager
- IBM FileNet Team Collaboration Manager
- IBM FileNet Web Site Manager
- IBM FileNet Content Services
- IBM FileNet Image Services



© Copyright IBM Corporation 2007

IBM  
3565 Harbor Boulevard  
Costa Mesa, CA 92626-1420  
USA

Printed in the USA

07-07

All Rights Reserved.

IBM and the IBM logo are trademarks of IBM Corporation in the United States, other countries or both. All other company or product names are registered trademarks or trademarks of their respective companies.

For more information, go to [ibm.com](http://ibm.com)