

IBM OmniFind Enterprise Edition for WebSphere Portal and Lotus Domino

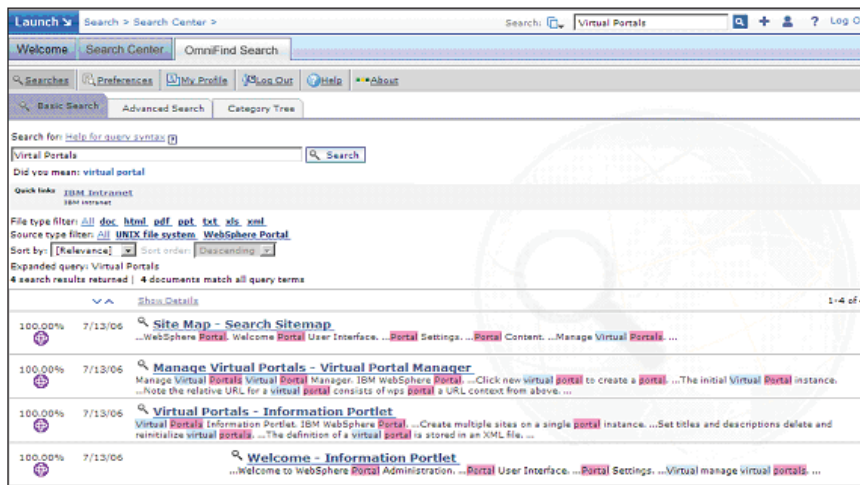


Figure 1. The OmniFind Enterprise Edition search portlet exposes all of the advanced search functionality available in OmniFind Enterprise Edition directly through WebSphere Portal.

Businesses thrive on information, and collaboration systems like Lotus® Domino® enable employees to easily create and share business-critical information like presentations, specifications and other documents. In addition, IBM WebSphere® Portal can help an organization manage and publish information to employees and business partners.

But as content grows in these portal and collaboration systems, it can become more difficult for employees to find what they need to make informed business decisions. IBM OmniFind™ Enterprise Edition (previously known as WebSphere Information Integrator OmniFind Edition) brings together WebSphere Portal and Lotus Domino content as well as enterprise content management, database and other enterprise information into a single, relevant and secure search interface. Built on an extensible, open architecture, OmniFind Enterprise Edition delivers rich enterprise search capabilities to help bridge the gap between an information need and the ability to take action.

Highlights

- **Brings together a variety of content into a single, simple, relevant and secure search interface**
- **Enhances collaboration, minimizes risk and helps increase employee productivity**
- **Lets you exploit the value of organic information by making it easily searchable**
- **Minimizes total cost of ownership by offering pre-built secure integrations to Lotus Domino, WebSphere Portal and other systems**
- **Helps users find information quickly to promote better business decisions**

IBM OmniFind Enterprise Starter Edition, previously known as WebSphere Information Integrator OmniFind Starter Edition, is designed to provide secure enterprise search for smaller departmental-scale implementations without sacrificing any of the flexibility and rich functionality of OmniFind Enterprise Edition. As your needs grow, you'll find a seamless path to a larger-scale implementation, which enables you to take advantage of the full scalability of OmniFind Enterprise Edition while protecting your current investments.

Internet vs. intranet searching

When considering search functionality, most people immediately think of their favorite Internet search engine. Accordingly, many users expect to be able to search for corporate information on an ad hoc basis, in real time, using the free-form text search paradigm available for Internet-based content. There are major differences, however, between corporate information and Internet-based content. These key considerations are critical when it comes to search functionality:

- *Different content sources require different techniques to determine document relevancy.*
- *Various security and access models must be used.*
- *Different user requirements for high-quality search must be met.*

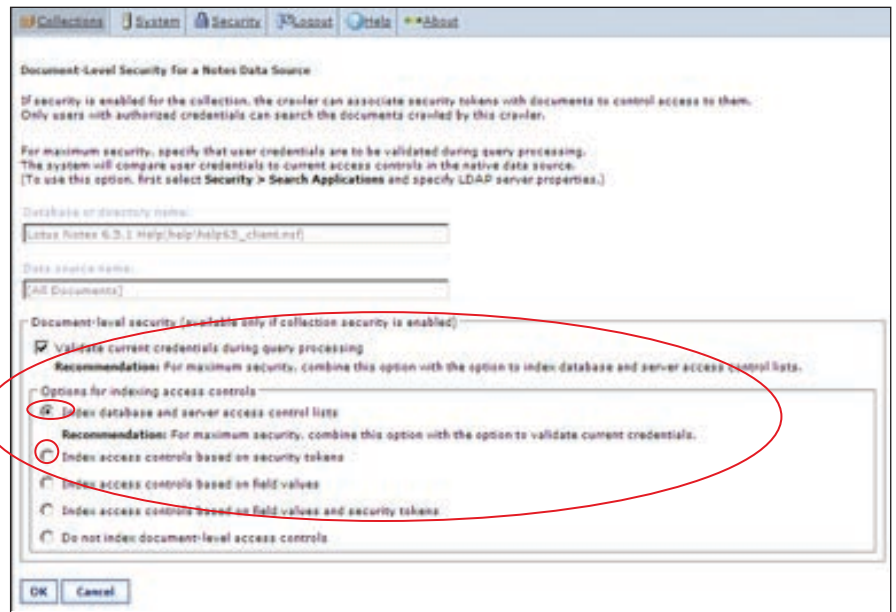


Figure 2: In addition to storing Access Control Lists in the index, OmniFind Enterprise Edition can consult the original data source during query processing to make sure the user is still allowed access to the specified documents.

Some of the most successful search techniques for the Web—page ranking, for example—are not appropriate for an enterprise environment in which documents are not as interlinked as they are on the Internet.

OmniFind Enterprise Edition uses state-of-the-art relevancy algorithms developed by IBM Research and specifically designed to deliver highly relevant, language-specific search results. OmniFind Enterprise Edition supports content and queries in over fifty languages, including advanced linguistic processing for more than twenty languages.

By simply entering a keyword, you can retrieve meaningful results from:

- *Proprietary intranets*
- *Corporate public Web sites*
- *Relational database systems*
- *File systems*
- *Content repositories*

The search engine of choice for Lotus Notes/Domino environments

Often, the most valuable content for employees is buried in far-flung corners of an enterprise. Lotus Domino teamrooms and other collaboration tools make it easy for groups to quickly create and share important content.

With this simplicity, however, comes explosive growth in the amount of information within an enterprise. Rather than stifle collaboration and creativity by imposing strict content creation guidelines, you can instead exploit the value of this organic information by making it easily searchable.

OmniFind Enterprise Edition is designed to be the search engine of choice for Lotus Domino customers. It scales to millions of documents, honors native Lotus Domino security settings, supports a broad range of non-Domino repositories, delivers highly relevant search results, and provides advanced search features for a richer end-user experience.

OmniFind Enterprise Edition provides secure, best-in-class integrations to Lotus Domino, including:

- *Native security support for Lotus Notes®/Domino, Lotus QuickPlace®, and Domino Document Manager.*
- *A dedicated Lotus Notes/Domino crawler, which makes crawling Lotus Domino databases much quicker and easier to administer.*
- *A feature-rich, out-of-the-box search application that can open documents using the Lotus Notes client.*
- *Indexing of all Lotus Domino fields, including attachments, to enable fielded search.*

- *Support for Lotus Domino on Microsoft® Windows®, Linux®, UNIX®, and System i™ platforms.*

With easy access to relevant information scattered across Lotus Domino databases and other sources, employees can work more effectively, reduce duplicated efforts and make better decisions. At the same time, by implementing a search engine designed to integrate with Lotus Domino, you can more fully realize your investments and reduce your total cost of ownership.

Real-time security integrations

Business content is often very sensitive, and exposing this content to unauthorized users puts an organization at risk. OmniFind Enterprise Edition provides a unique, more effective approach to document-level security. In addition to indexing security data about what users and groups have access to a given document, OmniFind Enterprise Edition can verify access privileges with the owning Lotus Notes/Domino server or other source to ensure the user still has access to the documents. This means it always honors the most current Domino security settings, regardless of how fast access privileges change. By honoring these native access controls, OmniFind Enterprise Edition goes beyond basic search solutions to ensure that users see only the documents they are authorized to see, every time. With real-time security integrations, you can help ensure your organization's sensitive data won't be

IBM OmniFind Enterprise Edition provides real-time security integrations for the following data sources:

- Lotus Notes/Domino
- WebSphere Portal Document Manager
- WebSphere Portal pages
- Domino Document Manager
- Lotus QuickPlace
- DB2® Content Manager Multiplatform
- FileNet CS
- FileNet P8 CM
- Windows File System
- Windows SharePoint® Services, Service Pack 2, for Windows 2003
- EMC Documentum
- Open Text Livelink (including Hummingbird DM)
- WebSphere Portal Web Content Management V6.0

exposed to the risk of unauthorized access. OmniFind Enterprise Edition also supports single sign-on authentication through IBM WebSphere Application Server Lightweight Third-Party Authentication for Lotus Notes/Domino, Lotus QuickPlace and Domino Document Manager.

Integrating with IBM WebSphere Portal

OmniFind Enterprise Edition is designed to integrate seamlessly with IBM WebSphere Portal to provide scalable and secure enterprise search capabilities directly from within the familiar WebSphere Portal interface.

As a result, you can search corporate information through a single point of access, providing a richer search experience and helping reduce your total cost of ownership. This integration provides several enhancements to the search capabilities in WebSphere Portal, including the ability to scale to millions of documents, secure search of non-Web enterprise content sources, and access to all of the rich search functionality available in OmniFind Enterprise Edition, such as synonym expansion, Quick Links, dynamic summaries and more.

OmniFind Enterprise Edition provides rich, out-of-the-box integrations to WebSphere Portal, including:

- *An automated deployment script for adding OmniFind Enterprise Edition as a search provider.*
- *WebSphere Portal Search Center 6 integration, enabling secure search of enterprise content directly from within the familiar Search Center portlet.*
- *The ability to crawl WebSphere Portal Document Manager, WebSphere Portal Web pages and Workplace Web Content Management™ out-of-the-box using native security.*
- *Proxy and SSO/SSL support when accessing WebSphere Portal.*
- *A utility for migrating WebSphere Portal search collections to OmniFind Enterprise Edition.*
- *The ability to redirect queries issued in the WebSphere Portal search bar to OmniFind Enterprise Edition.*

To help you experience first-hand how OmniFind Enterprise Edition can help extend the reach, scope and value of your Portal applications, WebSphere Portal 6 customers are entitled to a limited use license of OmniFind Enterprise Edition as part of the WebSphere Portal 6 offering.¹

Integration for greater efficiency

With IBM WebSphere Portal and Lotus Domino, IBM offers a rich suite of products to enhance collaboration, reduce risk and increase employee productivity. IBM OmniFind Enterprise Edition can unlock the wealth of knowledge within these on demand systems, enabling employees to be even more effective.

About IBM

For close to a century, IBM has transformed how people communicate and collaborate using technology—around the world and across many industries. IBM Content Discovery helps customers more easily tap into the value of information, regardless of where it is stored and managed. It combines advanced contextual delivery, enterprise search and text analytics to deliver capabilities that help you increase sales, reduce costs, improve productivity and gain unprecedented levels of business insight.

For more information, visit:

ibm.com/software/data/enterprise-search.



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¹ All WebSphere Portal 6 Enable and Extend customers (including the limited versions of those offerings) are entitled to a one processor license of OmniFind Enterprise Edition per enterprise to build small search applications that index sources such as Lotus Domino, WebSphere Portal Document Manager, File System, and Workplace Web Content Management. Use of the limited use license of OmniFind Enterprise Edition is restricted to the WebSphere Portal environment.

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