

Verity Agent Server

Personalized Knowledge Management for the Enterprise

As the volume of business information accessible via the Internet and corporate intranets increases, ensuring that the right user gets the right information at the right time becomes an ever more serious problem. Verity Agent Server, based on Verity's advanced information retrieval technology, monitors and distributes mission-critical information to end users quickly, no matter where they are. By using the Verity® agent technology, organizations obtain more effective competitive intelligence, forecast sales with greater precision, improve customer support responsiveness and extend the capabilities of other information-intensive business processes.

Verity Agent Server matches documents and user interests, combining document profiling, user profiling and automated information dissemination. Verity Agent Server enables users to build their own personal agents that monitor a broad range of intranet and Internet resources continually, including documents, e-mail, discussion groups, corporate databases and newswires. Agents notify users

proactively when information matching their interest profiles is discovered. Agents automate the information search, retrieval and knowledge discovery processes, and allow users to spend less time looking for information and more time acting on it.

CRITICAL BUSINESS INFORMATION BEFORE YOU NEED IT

Using a simple browser-based graphical interface, users assign personal agents to manage their key interests, tailored to precise subject requirements and preferences regarding frequency of notification and methods of delivery. When relevant new or time-critical information is discovered, the agents filter, categorize and deliver the information, notifying users of relevant information often before they are aware that they need it. With personal agents monitoring mission-critical information retrieval, you can be confident that business-critical information will reach affected users when it is current and timely, having the greatest impact on your organization's decision-making.

ELIMINATE INFORMATION OVERLOAD

Because of its fine-grained filtering capabilities, Verity's agent technology is

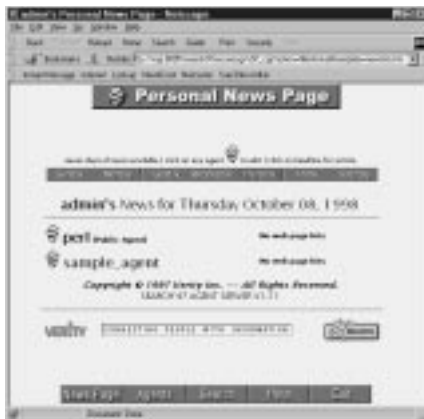
superior to other "push" technologies. Verity agents employ powerful concept-based queries to ensure only the most relevant information is delivered to the user. Using Verity's matching and filtering technologies reduces information overload by eliminating the redundant and irrelevant information typically sent by less precise delivery technologies. Verity's relevance ranking is applied to content automatically, enabling users to gauge immediately the value of delivered information. To further customize information delivery, users can set relevancy thresholds and receive only the most pertinent information or more general matches—depending on their needs.

USER PROFILES: PERSONALIZED AND FLEXIBLE

Verity agent technology is designed to meet precise and demanding user requirements. Agents can match the unique subject matter interests of users and can be configured to support individual users' unique work styles. By specifying unique subject matter profiles, users can be notified on a schedule of their choosing via custom Web pages, e-mail or pager. Verity Agent Server is designed to meet the most demanding enterprise conditions for automated electronic information delivery and to ensure that users get exactly the information they need, exactly when they need it.

LEVERAGE THE POWER OF VERITY'S ADVANCED SEARCH TECHNOLOGY

Designed as an out-of-the-box upgrade for Verity Information Server, Verity Agent Server leverages Verity's advanced search capabilities such as relevance ranking, clustering, summarization and query-by-example to deliver content in a streamlined and meaningful way.



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And, the information generated by Agent Server can be customized quickly via Information Server's SEARCHScript language. As part of the Verity Information Server product family, Verity Agent Server monitors and delivers information stored in hundreds of file formats including ASCII, HTML, PDF and popular desktop applications such as Microsoft Office95 and Office97.

CUSTOMIZABLE SOLUTIONS FOR EVERY BUSINESS NEED

For application developers and integrators needing to add the power of agent technology to their custom information systems in a flexible manner, Verity offers the Verity Agent Server Toolkit. The Verity Agent Server Toolkit provides a C-language application programming interface (API) that allows developers to add document and user profiling capabilities to custom search applications. With the Verity Agent Server Toolkit API, developers can embed Verity's agent technology within custom or commercial applications, customize delivery methods and automate agent document processing and profiling.

SCALE TO MEET THE MOST DEMANDING BUSINESS REQUIREMENTS

The Verity Agent Server and Verity Agent Server Toolkit leverage the highly-optimized document profiling technology found in the Verity Profiler™ Kit. This profiling system supports high-volume throughput with low system load, processing hundreds of thousands of complex profiles continuously against a real-time data repository. This efficiency lever reduces hardware costs since fewer processors are needed to maintain high-volume information evaluation, as new information is evaluated against a network of profiles rather than through retrospective search.



Features

- Monitors dynamic information sources continuously and delivers information automatically—programmed according to pre-set notification schedules with the Verity Agent Server Toolkit.
- Active filters use personal interest profiles and concept-based queries.
- Search results are ranked by relevance and categorized by subject.
- Notifies users via e-mail, pager or personal Web page.
- Highly optimized semantic net for processing large profiles over a dynamic data repository.
- Supports hundreds of thousands of profiles and very high-volume document throughput.
- Real-time profiling supports immediate delivery.
- Advanced search capabilities include combined metadata and full text searching, high-value operators (Boolean, proximity, zone, density, frequency, field, concept, weighted and fuzzy operators) and relevancy-ranked, clustered, categorized and query-by-example results ordering options.
- Supports Verity SEARCHScript for customization of results lists and document viewing capabilities.
- Supports more than 200 popular document formats including HTML, text, SGML, Office95, Office97, WordPerfect and PDF.

System Requirements

- Platforms: Digital Unix 4.0c/d, Hewlett Packard HP-UX 10.x, 11.0, IBM AIX 4.1.4, 4.2, Microsoft Windows NT 4.0 (Intel), Silicon Graphics IRIX 6.2+, SUN Solaris 2.5.1, 2.6.
- Web Servers (for Verity Agent Server): Apache 1.x, Microsoft Internet Information Server 3.0, 4.0, Netscape Enterprise Server 3.0, 3.5.1, any CGI compliant Web server.
- Hardware: 128 MB RAM minimum, 50 MB disk space for installation. Additional disk space is required for document indices. The amount of index disk space must be equivalent to approximately 35% of the source documents' disk space.



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