Entopia K-Bus
Enterprise Knowledge Infrastructure

Entopia K-Bus™ is an enterprise-wide "living" system that creates
organizational value out of everyday work. K-Bus creates metadata using advanced semantic techniques, social activity and
organizational context to identify truly relevant enterprise knowledge assets including content, people and information sources.

In the effective 21st century enterprise, information is knowledge, and knowledge exists without regard to geography, organizational boundaries and system compatibilities. Better decisions are made, deals are closed sooner and products are released faster when this enterprise knowledge is integrated into everyday business processes.

Enterprises are quickly becoming overwhelmed with business-critical information scattered over distributed information repositories such as file shares, email servers, document management repositories, CRM solutions, databases, the Internet, intranet and the extranet, supply chain management system and customer support systems.

Entopia recognizes the importance of gaining real-time access to corporate knowledge assets and leveraging existing knowledge resources. Knowledge workers now, more than ever, need a solution that allows them to connect with the right people and to take full advantage of existing information - regardless of where the content "resides."
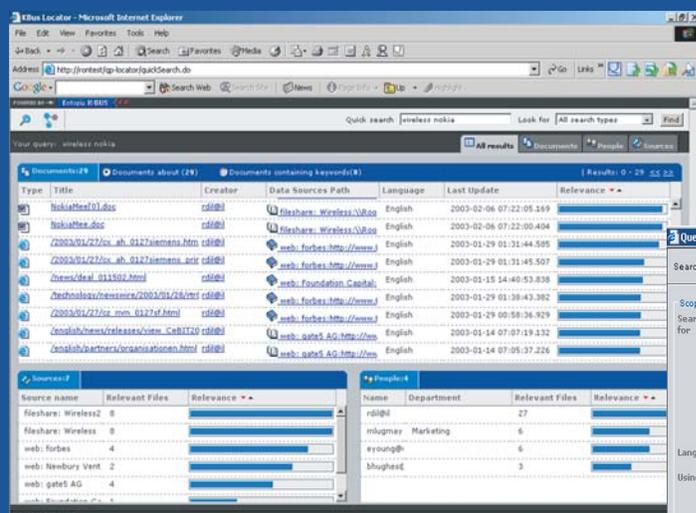
ENTOPIA K-BUS ™

The Entopia K-Bus enterprise knowledge infrastructure (EKI) enables organizations to leverage existing, and often hidden, knowledge to maximize business performance. It is an infrastructure that connects the information, people and resources of an enterprise through an unobtrusive, multi-faceted metadata layer that is transparent to end-users. The pay-off of K-Bus is truly-relevant information - on demand - that considers not only the semantic value of content and information, but also the social activity around it and its organizational context. K-Bus is used to directly help businesses, to solve a customer problem, close a deal, improve a process or bring a product to market faster.

The K-Bus creates relevancies between metadata in enterprise content repositories by semantically indexing not only the content and information itself but by taking into account the context, popularity and social activity surrounding this data in real-time.

Entopia K-Bus unifies the metadata created from enterprise content contained in any repository or application into a single, actionable metadata repository. In essence, the Entopia K-Bus becomes the "central nervous system" for the "body" of corporate knowledge assets.

ENTOPIA K-BUS APPLICATIONS

The core application of the Entopia K-Bus infrastructure is the Entopia Knowledge Locator™ enterprise search tool. It sits on top of the K-Bus infrastructure to yield truly-relevant, accurate and timely search results. Additional applications including the K-Map (knowledge visualization tool) and a knowledge asset management module are also available.

Entopia Knowledge Locator's advanced search screen includes various filters to better target the search experience including selection of data sources

Entopia Knowledge Locator's unified results pane delivers content, people and information sources search results in one easy-to-view screen

ENTOPIA K-BUS IS THE RIGHT SOLUTION FOR YOU AS AN END USER IF YOU:

Would like to capitalize on all the data in various enterprise-wide applications from one convenient location

Are looking for a one-stop, single sign-on enterprise search tool

Believe your existing search engine delivers too many results with questionable relevance

Lack the ability to discover knowledge within the enterprise or are not familiar with the relationships between the results

Are looking for a solution to help you navigate vast amounts of information in a visual and interactive manner

Are looking for an expertise management solution that can help you identify experts using dynamic profiling technologies
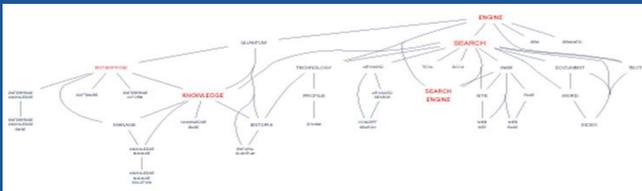
ENTOPIA KNOWLEDGE LOCATOR

The Entopia Knowledge Locator is a unified, one-stop search and retrieval tool that connects users with multiple data sources through one point of access. It displays ranked and relevant results in the form of content, people and information sources in a single easy-to-use results pane - regardless of where content is physically stored.

Unlike other solutions, Entopia Knowledge Locator uses its patent-pending algorithms to ensure that true relevancy of information is calculated just-in-time, using the K-Bus metadata layer, thereby dramatically improving the quality of - and not quantity of - search results.

Using the Entopia Knowledge Locator, searchers can confidently benefit from personalized, accurate results that effectively reduce the problem of information "noise." The state-of-the-art search experience of the Knowledge Locator delivers personalized results based on the combination of the query itself, the user's expertise and the user's profile, as well as the social activity and the organizational context.

ENTOPIA K-MAP (OR KNOWLEDGE MAP)

Entopia K-Map is a knowledge visualization tool that summarizes a collection of documents into a visual representation called a K-Map. It provides the user with an interactive interface with which to quickly understand, navigate and find relevant information within enterprise knowledge. The K-Map allows knowledge workers to select a knowledge space, or the results of a search query, and display a graphical representation of the relationships between concepts contained in the selected content or repositories. The user can easily and quickly refine the search using the K-Map by clicking on any of the key "concepts." This "map" or visual representation of knowledge is created using an intelligent semantic network representation.

Entopia K-Map delivers a visual representation or "map" of documents and their related concepts

Entopia Knowledge Asset Management module includes key indicators reports and automated notifications

Entopia Quantum Bottom-up KM solution with content management and collaboration capabilities

ENTOPIA KNOWLEDGE ASSET MANAGEMENT MODULE

The Entopia Knowledge Asset Management module includes key indicators' reports and automated notifications. The reporting tool delivers accurate user statistics, usage reports and information about the usefulness and state of your knowledge base. The Knowledge Asset Management module allows you to effectively monitor user activity and measure the effectiveness of your knowledge infrastructure. Standard reports include system and document activity such as number of documents created and number of times a document is read. Reports are customizable and data can be exported to existing enterprise reporting tools. The notification capabilities provide the ability to receive notifications when subjects of interest are found and the ability to notify other users to interesting subjects using email. This functionality extends to the ability to publish content to a portal, intranet or extranet by enabling the storage of and regular execution of queries, and the automatic posting of the results.

ENTOPIA QUANTUM

Entopia Quantum is a bottom-up knowledge management solution independent of but fully compatible with Entopia K-Bus. Coupled tightly with enterprise applications and business processes, Entopia Quantum empowers individuals, workgroups, and the enterprise with content and document management, collaboration and search capabilities in one, holistic solution. Entopia Quantum provides a shared knowledge space to enterprises looking for an integrated solution to their knowledge workspace needs. Entopia Quantum complements Entopia K-Bus by providing personal knowledge management and a shared space to collaborate on enterprise content.
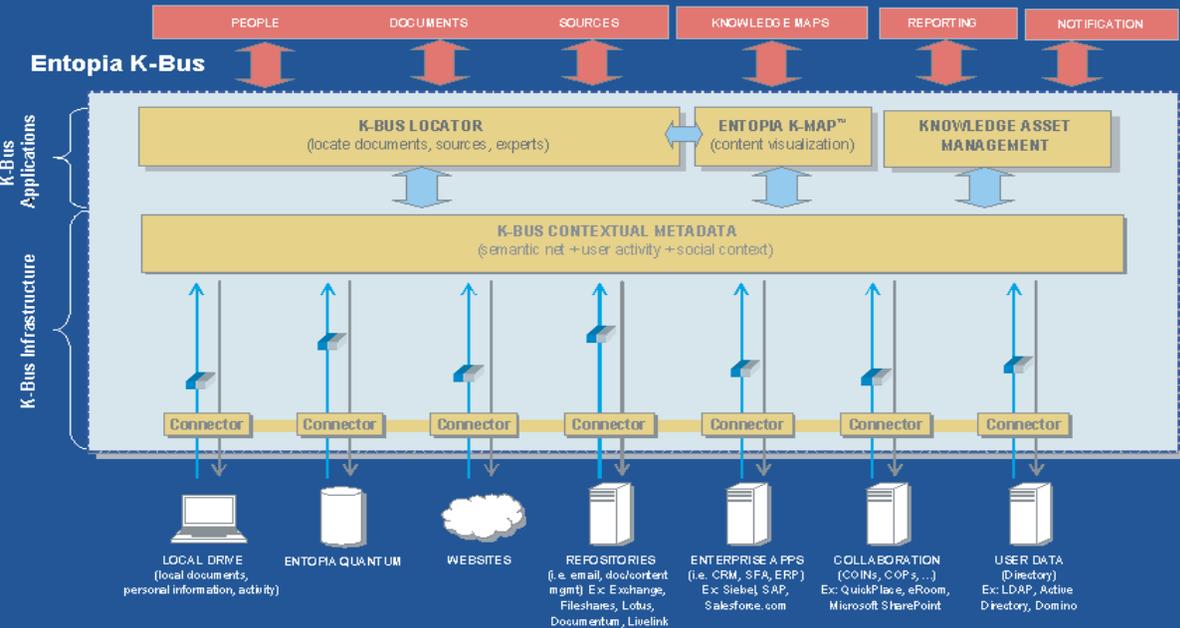
THE TECHNOLOGY BEHIND ENTOPIA K-BUS

Coupled tightly with enterprise repositories, applications and business processes, K-Bus is built on the industry-standard J2EE architecture. The K-Bus solution allows companies to take advantage of their IT infrastructure by building knowledge assets out of existing content while information continues to reside in its original repositories such as file shares, email servers, Quantum (Entopia's content management and collaboration suite), document management repositories, the intranet, the extranet and the Internet.

The K-Bus Enterprise Knowledge Infrastructure (EKI) automatically creates multi-faceted metadata by 1) semantically indexing content and data; 2) tracking the context, popularity and social activity surrounding this data in real-time; and 3) adding organizational and personal context. This metadata is the key that unlocks the knowledge available in the enterprise and may be used and reused to improve enterprise productivity.

K-Bus uses highly sophisticated presentation techniques including DHTML and JavaScript that deliver a leading edge user experience including re-sizeable menu bars within a web application. The presentation techniques work to enhance the ergonomics and simplicity of the solution.

In addition, subsets of the K-Bus metadata can also be made available to other application using the Dublin Core Metadata Initiative (DCMI) Standard. The K-Bus architecture supports over 200 file types and has built-in security mechanisms to fully integrate with enterprise requirements.

Entopia K-Bus is built using the industry-standard J2EE architecture

ENTOPIA K-BUS IS THE RIGHT SOLUTION FOR YOU AS A MEMBER OF THE IT TEAM IF YOU:

Wish to derive further benefit from your IT infrastructure and leverage the dollars and effort spent on building existing repositories

Are looking for a robust, secure and highly configurable knowledge infrastructure that uses web services that fits your existing IT infrastructure and will scale to future applications

Seek a solution that requires little effort on the part of IT departments as it uses automated crawling techniques

Would like to experience superior search results enabled by not only full text and semantic search but truly relevant technology that considers semantic value of content and information, the social activity around it and its organizational content

Seek an end-user friendly search solution using highly sophisticated presentation technology to further enhance the ergonomics and simplicity of the solution

ENTOPIA K-BUS CONNECTORS

The K-Bus infrastructure includes a connector framework that creates a robust interface between various systems, thus enabling the K-Bus metadata server to crawl existing applications and repositories. As part of the base product, K-Bus includes connectors for the following data repositories:

- file shares
- email IMAP servers
- World Wide Web, Intranets, portals and extranets
- Entopia Quantum servers
- local hard drives

Add-on connectors are also available for the following repositories:

- Database management systems
- Documentum™ systems
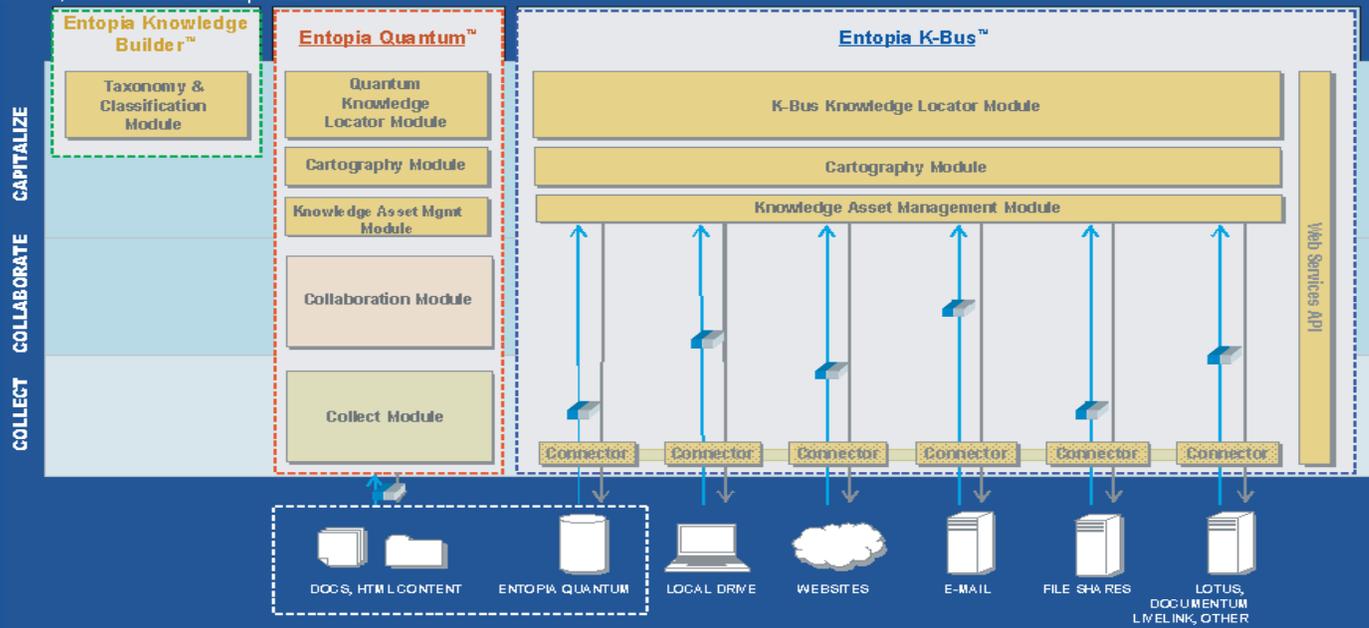- Opentext Livelink™
- Lotus Notes ™
- And more (please inquire)

ABOUT ENTOPIA AND ITS PRODUCT FAMILY

Entopia's product family includes the Entopia K-Bus, an enterprise knowledge infrastructure featuring enterprise search, Entopia Quantum, a bottom-up knowledge management suite providing content management, collaboration and search capabilities; and the Entopia Knowledge Builder, a taxonomy generation and content classification solution. Through its products, Entopia aims to "close the loop" on the knowledge cycle using a 3-tiered approach that allows the organization to Collect information, Collaborate upon it in shared workspaces, and Capitalize upon the resulting knowledge at the point of the business transaction.

Entopia's products differ from other solutions by providing holistic, end-user focused ("bottom-up") solutions to meet enterprise knowledge needs. By using state-of-the-art semantic technologies and combining them with advanced algorithms that analyze content within its entire ecosystem, Entopia's solutions deliver truly-relevant contextual and personalized search results. For more information, visit www.entopia.com/products.

Entopia's products follow the 3 C's principle
Collect, Collaborate and Capitalize

Entopia Inc. is an enterprise knowledge infrastructure provider offering a spectrum of bottom-up knowledge management solutions for the individual, workgroup and enterprise. Entopia delivers software to manage knowledge assets and locate relevant content, expertise and information sources across the organization. A Microsoft Certified Partner and member of the Oracle Partner Program, the privately-held Entopia was selected as one of "100 Companies that Matter in Knowledge Management" by KMWorld Magazine. Headquartered in Silicon Valley, Entopia has additional sales offices throughout the US and Europe and research and development offices in Israel.

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