Improve collaboration, information visibility, and decision making

Autonomy enterprise search
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Benefits

- **Discovery of business insights** through a global enterprise-wide platform optimized for unstructured and structured data
- **Increased productivity** through fast, reliable access to relevant disparate information sources and formats across multiple repositories and locations
- **Increased innovation** through quick access to diverse information across multiple repositories and locations
- **Reduced duplication** effort via creation of knowledge communities

Provide real-time access to more information

Virtually every organization is suffering from a deluge of data. For most firms, data is increasing by over 100 percent every quarter. While some of this resides in structured databases, a vast majority exists in files, web streams, audio, video, email, social media conversations, mobile interactions, images, and other unstructured data formats.

According to research firm IDC, information plays a central role in most organizations, but the risk of not finding what you need, or using the wrong information, is significant. IT and business professionals are challenged with ingesting vast amounts of disparate data, often generated in real time from a variety of sources. They must empower users to find, analyze, manage, and act on this information efficiently, accurately, and affordably. The consequences of failing to do so could include decreased productivity, higher costs, a decline in revenue, or more.

Autonomy’s enterprise search improves enterprise collaboration, business decision making, and innovation by providing real-time access to more information across your organization, automatically identifying experts and implicit networks, and delivering enhanced insight derived from existing information.

The challenges of enterprise search

Intranet and Internet search are two entirely different mediums. While web browser solutions work fine for the Internet, they are not appropriate for enterprise-class search requirements. Sue Feldman, Research Vice President for IDC, explains the difference this way: “Enterprises have unique search requirements that differ from those of consumer search. Secure access to multiple repositories, file formats, data, and content is a necessary component. So, too, are ease-of-use, single point of access, and integration with other major enterprise applications. As enterprise search becomes more mission critical to information intensive organizations, they will want it to come with the same scalability, reliability, and global support that they now expect from the rest of their IT infrastructure.”

IDC also notes that enterprise search users need more semantic analysis in the form of entities, location, relationships, concepts, etc. They also list the top four reasons for investing in enterprise search as:

- Lowering the cost of managing and analyzing information
- Unifying access to all information sources—structured and unstructured
- Providing faster, easier access for more users
- Empowering better decision support and management

Most enterprise IT and business professionals, however, cite several challenges in finding the right solutions to achieve the benefits desired, including:

- **Usability**: Need to support multiple countries/languages, departments, organizations, etc.
- **Capability**: Difficult to handling large, diverse repositories and dozens of data sources
- **Efficiency**: Current processes are manual, slow and negatively impact productivity
- **Scalability**: Current solutions can’t quickly process petabytes or scale to meet demands
- **Visibility**: Can’t support all data types, relevant business connectors, or security access controls
Leverage your enterprise information

There are several key benefits to employing the right search solution in your enterprise. For instance, enterprise search can deliver enhanced business insight. You can now move from “what happened when” reporting to “why it happened” and “what happens next.” You can gain broader perspectives via single access points across disparate sources and discover documents, processes, expertise, and knowledge.

With Autonomy enterprise search, you can combine structured and unstructured information for a complete picture, including keyword search, taxonomies, and parametric search. Users will be able to discover patterns and conceptual matches, and widen their view by automatically linking to related pieces of granular information across text, audio, media, and video. The key to enabling these capabilities is providing conceptual and contextual search versus simple keyword queries.

In large organizations, being able to support 400+ connectors to disparate data sources and multi-lingual intelligence is critical. Additional criteria to consider when selecting an optimal enterprise solution include:

• Connects disparate data silos and dynamically identify trends/connections
• Allows sharing of knowledge to drive innovation across organization
• Enables online, real-time insights from a combination of data types & sources
• Moves beyond reporting towards pattern recognition & predictive analytics

Autonomy IDOL is the engine that allows Autonomy’s enterprise search applications to solve key business problems. IDOL uses patented algorithms to automatically recognize concepts and ideas expressed in all forms of information. IDOL enables you to simultaneously understand and act upon documents, emails, video, chat, phone calls, and application data moving across networks, the web, the Cloud, smartphones, tablets, and sensors.

A single IDOL engine supports 250M+ documents, indexes 60GB+ per hour, and executes 2,000 queries per second across all indexed data with sub-second response times. IDOL offers a host of differentiators as compared to traditional search engines including:

• 400+ connectors with ability to process 1000+ file types
• Language independence
• Security management while encouraging discovery
• Powerful enterprise search tools
• Multiple media types – rich media, video, image, contact center recordings, and more
• Linear scalability to Petabytes of data
• Mapped security
When you add Autonomy’s enterprise search applications to your IDOL server implementation, your organization can gain the following benefits and more:

**Enterprise Search**
- Gain a broader perspective
- Discover patterns, conceptual matches, other relationships
- Find answers across languages

**Knowledge Management**
- Virtually integrate disparate data sources
- Maintain confidentiality and enable constant proactive alerts
- Determine relevance and proximity with powerful analytics

**Expertise Management**
- Understand human knowledge assets
- Identify inherent networks and circles of expertise
- Empower collaboration and automatically identify common themes

**Conclusion**
Autonomy’s enterprise search, enabled by the IDOL server, empowers the understanding and extraction of actionable insights from vast amounts of diverse information across all formats, systems, and languages. A single view into all content ensures that highly complex analytics can be performed seamlessly across a variety of data types, repositories, and communication channels to improve the value derived from important information.

“We see [Autonomy] influencing strategic initiatives within the firm, such as supporting changing business models around billing and helping to further optimize matter management and business development.”

—chief technology officer, leading business law firm

**About HP Autonomy**
HP Autonomy is a global leader in software that processes human information, or unstructured data, including social media, email, video, audio, text and web pages, etc. Autonomy’s powerful management and analytic tools for structured information together with its ability to extract meaning in real time from all forms of information, regardless of format, is a powerful tool for companies seeking to get the most out of their data. Autonomy’s product portfolio helps power companies through enterprise search analytics, business process management and OEM operations. Autonomy also offers information governance solutions in areas such as eDiscovery, content management and compliance, as well as marketing solutions that help companies grow revenue, such as web content management, online marketing optimization and rich media management.

Please visit autonomy.com to find out more.