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## PRODUCT DATASHEET

**Inxight SmartDiscovery** addresses every stage of taxonomy creation, management and content categorization to provide a consistent, accurate way to organize and navigate unstructured data, giving users access to the information they need to make informed decisions.

# Inxight SmartDiscovery™ taxonomy and categorization

## A Powerful, Integrated Taxonomy Management and Categorization

Business success depends on making better-informed decisions quickly. To do this, organizations must be able to discover, retrieve and connect with accurate, relevant information stored within enterprise systems such as content management systems, email, and enterprise portals. Many organizations have implemented search engines in an attempt to gain access to the information they need, however, search alone is not enough. With Inxight SmartDiscovery, you can create and manage consistent, well-organized taxonomies that describe your organization's vital information and relationships. In addition, SmartDiscovery can automatically and accurately categorize all of your information according to your defined taxonomies, enabling users to find the most direct path to the information they need, every time.

### Discover the true value of your information

Taxonomies provide a powerful way to browse and retrieve documents based on a meaningful and structured representation of your information. By delivering information in a relevant context, taxonomies provide an intuitive alternative to keyword search and make information discovery and retrieval more productive. SmartDiscovery allows organizations to easily create and deploy taxonomies across otherwise unconnected

enterprise data sets, providing a single, consistent view of *ALL* information assets.

Because of Inxight's true understanding of language, SmartDiscovery is the most flexible, powerful, and accurate taxonomy management and categorization solution available.

### Inxight SmartDiscovery allows enterprises to:

- **Categorize** unstructured data into well-organized topic and event taxonomies, regardless of data location, format, or language.
- **Route** documents based on type, topic or specific content automatically, reducing the cost and time spent on manual routing and notification.
- **Retrieve** more relevant information using accurate and automatically created metadata as an alternative to hit-or-miss keyword searches.
- **Browse, navigate, and explore** large, complex data sets more efficiently, to promote discovery of vital information that would otherwise go unnoticed.
- **Review** information retrieval results in a context that makes most sense to you.

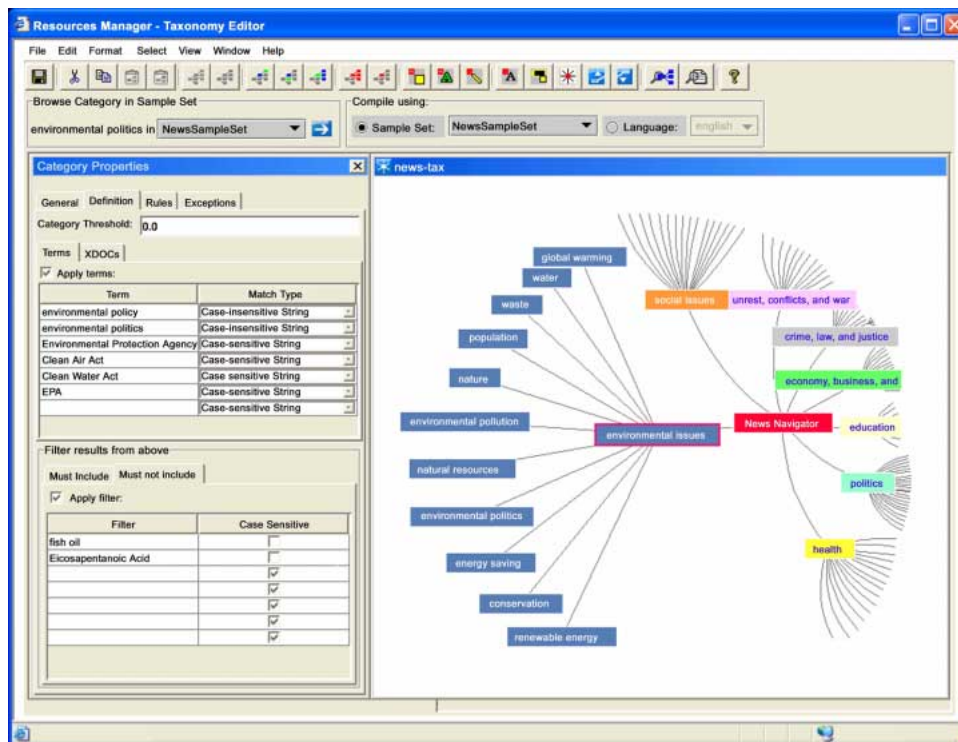
*Only SmartDiscovery provides taxonomy management and categorization capabilities within a complete, integrated and powerful information discovery solution.*



## Produce meaningful structure from unstructured data

SmartDiscovery addresses every stage of taxonomy development and categorization, from generating suggested taxonomy terms to automatically categorizing documents. This greatly reduces the time, effort and total cost of ownership associated with implementing a taxonomy management and categorization solution.

SmartDiscovery's browser-based taxonomy editor provides an intuitive interface for creating and managing taxonomies and determining how they should be applied to different data sets. The Document Coding capability allows you to automatically categorize any data source with one or more taxonomies. In addition, documents are coded with all relevant categories. This, combined with the metadata generated from SmartDiscovery's entity extraction, which automatically identifies, extracts, and ranks the relevance of entities such as company names, places, and people contained in your data, makes Inxight SmartDiscovery the perfect solution to serve the information discovery needs across an organization's entire user base.



*Inxight SmartDiscovery features a powerful browser-based taxonomy editor that speeds and simplifies taxonomy creation and management.*

## Taxonomy Creation and Management

- Combines human insight with automated tools in a hybrid approach to taxonomy creation, giving subject matter experts complete control over taxonomy structure and content.
- Assists in taxonomy generation by suggesting taxonomy structures and new categories based on the content and context of your information thereby speeding implementation and simplifying management.
- Defines and edits categories using terms, phrases, rules, sample documents, and filters.
- Employs an “advanced rules” option that includes a state-of-the-art query language and Inxight's best-of-breed language technology.
- Imports existing and/or publicly available taxonomies to leverage past investments and industry standards.

## Taxonomy definition

A taxonomy is a consistent, controlled means of representing information in ordered categories, providing a way for information seekers to locate and understand the data available to them in a logical manner. Beyond providing a consistent representation of data assets, many taxonomies also reflect the relationships between the items they organize, often in a hierarchical fashion. A common example of a taxonomy is a product catalog. In a catalog, products are arranged by general category, sub-category, and so on down to the specific product items. Just as a catalog makes finding products faster and easier, a taxonomy can make it easier for users to find the information they need.

## About SmartDiscovery

Inxight SmartDiscovery is the only complete enterprise solution for information discovery. Its comprehensive set of advanced text analysis tools includes search, entity extraction, fact finding, categorization, and visualization. SmartDiscovery's comprehensive metadata creation and search capabilities, for applications ranging from information retrieval to data mining to trend analysis is powered by Inxight's industry-proven linguistic analysis capabilities.



natural resources

Category: **natural resources**

Sample Set: **NewsSampleSet**

8 documents found out of 1526 (2:41:32 PM)

Title	Universal Resource Identifier	Doc Score	Rule Match
Veneman Marks Earth Day by Announcing Funds...	c:\programfiles\inxight\imsresources\sa...	0.1011874	Yes
Grant To Help Protect Tree Seedlings In California	c:\programfiles\inxight\imsresources\sa...	0.0372201	No
New Reports of Dramatic Slowdown in Loss of...	c:\programfiles\inxight\imsresources\sa...	0.0295354	No
Anders Announces New Resource Conservation...	c:\programfiles\inxight\imsresources\sa...	0.0271516	No
New Website Features Initiative to Strengthen...	c:\programfiles\inxight\imsresources\sa...	0.0262894	Yes
USDA Helps Restore Land Burned in Los Alamos...	c:\programfiles\inxight\imsresources\sa...	0.0252997	No
National Summit to Focus on Private Land	c:\programfiles\inxight\imsresources\sa...	0.0247845	No
Glickman Announces Procedural Adjustments for...	c:\programfiles\inxight\imsresources\sa...	0.0236261	Yes
USDA to Help Provide Assistance for Hurricane...	c:\programfiles\inxight\imsresources\sa...	0.0224441	No
Rural Home Health Care Cooperatives Efforts	c:\programfiles\inxight\imsresources\sa...	0.0218162	Yes
Veneman Names Colton Board Members	c:\programfiles\inxight\imsresources\sa...	0.0213622	No

c:\programfiles\inxight\imsresources\samples\news\USDA\0132.03.html

Find text:   Match Case

-Selected document Full Text-

VENEMAN MARKS EARTH DAY BY ANNOUNCING FUNDS FOR CONSERVATION AND WATER DEVELOPMENT

Agriculture Secretary Ann M. Veneman today announced several conservation programs to assist farmers and ranchers to conserve natural resources.

"The President has said many times that if you are an owner of the land, every day is Earth Day," said Veneman. "America's farmers and ranchers have made great strides to improve the environment and this administration is committed to assisting their ongoing stewardship efforts to enhance soil, water and air."

During an Earth Day celebration at the Rossback family's Locust Farm, Veneman announced that sign-up will begin May 5 for the Conservation Reserve Program (CRP), a program designed to stop soil erosion in the United States. In addition, Veneman announced that USDA is releasing more than \$1.8 billion for conservation assistance on working lands, including \$18.5 million for the state of Maryland. She also said that \$105 million in funding for rural water and wastewater infrastructure projects has

Taxonomy editor provides immediate feedback reflecting the impact of changes to category definitions and taxonomy structure — making set-up and management of taxonomies fast and efficient.

## Automatic Document Categorization

- Organizes your enterprise knowledge by classifying documents into meaningful categories, automatically.
- Generates transferable XML metadata, reflecting the categories assigned to each document, for use in retrieval, routing, and alerting applications.
- Allows multiple taxonomies to be used on the same document set, tailored to different user groups.
- Speeds information retrieval and discovery with subject and topic information, returning documents related by subject matter, not just by keywords.
- Provides context for any document set or search results list, enabling information retrieval without time consuming review of search engine result sets.

## About Inxight

Inxight Software, Inc., is the leading provider of enterprise software solutions for information discovery. Using Inxight solutions, companies can better discover, retrieve, and connect with the estimated 85 percent of corporate information not housed in a database or other structured format. Inxight is the only company that provides a complete, scalable solution to enable information discovery in all major languages. Customers include Air Products, Computer Associates, Factiva, HP, IBM, LexisNexis, Reuters, SAP, SAS, Thomson and Xerox. The company has offices throughout the United States and Europe. For more information, visit [www.inxight.com](http://www.inxight.com) or call 408-738-6299 (in the U.S.) or +44 (0) 1252 761314 (in Europe).

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## Technical Specifications

- Single API for easy integration into enterprise systems and applications; hooks for integration are accessible via C++, Java, and SOAP. Data is transferred via XML.
- Supports more than 70 file formats, including Microsoft Office documents, PDF, XML, HTML, text and email.
- Browser-based administration, configuration and taxonomy management.
- Adaptors for easy integration with common enterprise systems and repositories, including Lotus Notes and Lotus Domino, Documentum, Plumtree, JDBC databases, and Microsoft Exchange.

## Operating Systems

- Sun Solaris 2.8
- Microsoft Windows 2000 and Windows XP

## Browsers

- Microsoft Internet Explorer 5.5 or higher

## Application Servers

- Tomcat
- IBM WebSphere

## Databases

- SQLServer
- Oracle
- MySQL

## Languages

Arabic, Chinese (Simplified), Chinese (Traditional), Danish, Dutch, English, Farsi (Persian), Finnish, French, German, Italian, Japanese, Korean, Norwegian (Bokmal), Norwegian (Norsk), Portuguese, Russian, Spanish, Swedish

Contact Inxight about the availability of other languages.