



## Connected Governance



Government entities are facing growing challenges in managing information capital to deliver value to a variety of constituents, stakeholders, and comply with government mandates. Agencies must identify content and data spread across multiple systems and effectively organize the information to enable the reuse and sharing of that information to meet the needs of varied and diverse end users. Increasingly there is a need for various government agencies to share information vertically between agencies and/or horizontally between agencies at the same level. Information needs to be delivered in a uniform and consistent manner so that content can be shared and reused. Automatically

aggregating and integrating information from diverse sources and delivering that content to the end user where it can be searched and accessed from one interface still poses significant challenges. Until now.

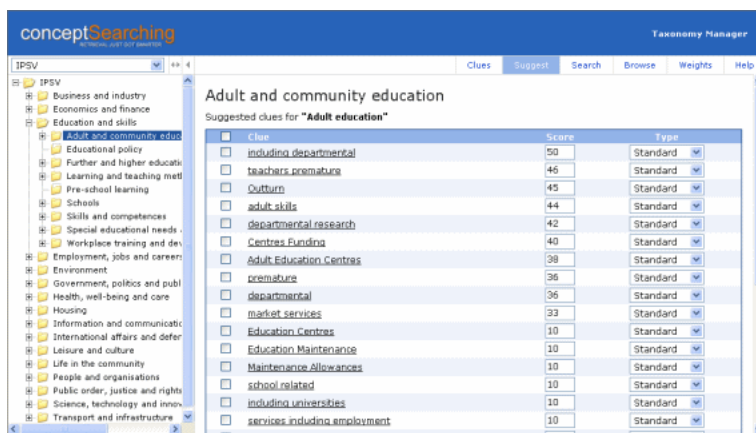
## Automatically Creating and Managing Metadata

Concept Searching can automatically generate semantic metadata based on the concepts within unstructured information. The generation of semantic metadata enables the agency to extract compound terms, acronyms, and keywords from a document or corpus of documents that are highly correlated to a particular concept or metatag. By identifying the most significant patterns in any text, these compound terms are then used to generate metadata based on an understanding of conceptual meaning. When the same concepts are prevalent within a particular document that document is automatically meta-tagged, eliminating the requirement for an individual to read that document and subjectively apply metadata to the properties of the document. This ability to identify 'concepts in context' eliminates inconsistent or non-existent tagging processes and overcomes different publishing conventions that may exist within the agency.

conceptSearching Government

## Taxonomy Development

Concept Searching's classification and taxonomy management tools are designed to provide as much depth or hierarchical granularity that is often needed in government agencies. Utilizing compound term processing and semantic metadata generation the software has the ability to identify concepts as opposed to keywords. Documents with the same concept can be classified against multiple nodes within a taxonomy or multiple taxonomies. From an end user perspective, knowledge workers can locate pertinent information from his or her own individual viewpoint without knowing the exact search terms to use. The easy-to-use taxonomy and automatic classification features function as a labeling mechanism to quickly create the foundation that can be customized to meet the requirements of the agency.



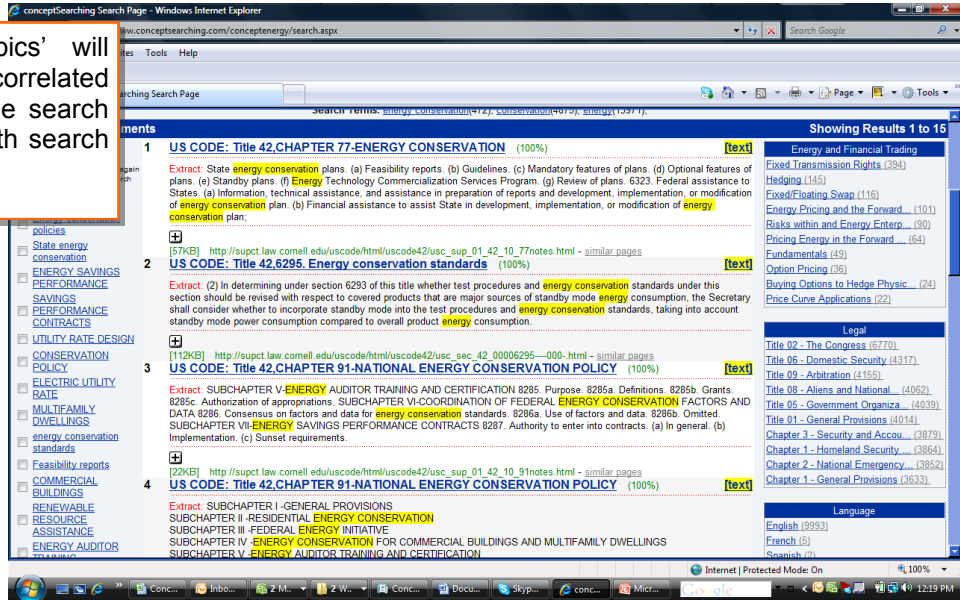
## Automatic Classification

The automatic classification function classifies content from anywhere in the organization. Using the semantic metadata that is generated documents will become part of a category (or multiple categories) based on the concepts found within the content.

## Search & Navigation

Knowledge professionals have the ability to search via taxonomy based navigation or through faceted navigation. The taxonomy based approach is useful for browsing and identifying categories of interest. Faceted navigation presents the results in facets of documents grouped together based on the concepts identified. This extends the search process by providing knowledge workers with relevant information that they may not have found.

The 'Related Topics' will generate highly correlated topics based on the search criteria to assist with search refinement.



## Federated Content Access

Concept Searching technologies have the ability to automatically classify and integrate content from diverse sources and deliver that content to the internal or external end users where it can be searched, accessed, and integrated via an intuitive interface.

## Governance at the Desktop

Automatic classification of content from within the familiar Microsoft Office interface is available to the knowledge worker. This can be done automatically, with no user interaction, or optionally the end user can have the ability to add manual adjustments to the classification to provide further refinement if required.

## The Technology Benefits

- \* Automatic semantic metadata generation (concepts in context)
- \* Management of electronic data and associated metadata
- \* Eliminates need for manual tagging of documents
- \* Automatic and manual classification capabilities
- \* Ability to classify documents regardless of location and provide a 'virtual' view of the documents via the taxonomy structure
- \* Taxonomy based navigation and faceted navigation to ensure all relevant content can be found
- \* Automatic and manual classification capabilities in Microsoft Office
- \* Fully integrated with MOSS and Microsoft Enterprise Search