

DPS Delta Search



DPS Delta Search is a full text search that can be run from DPS One Office, Outlook Office, or DPS Web View. The search can be:

- 1) Run from within a DPS file and search every document attached to that particular file
- 2) Run across all work done over any chosen period of time on any file
 - a. This search can be filtered to only search work done by one or more individuals

Document types that can be searched include doc, docx, xls, xlsx, rtf, pdf, ppt, txt, csv, msg (emails), and any email attachments that are in a searchable format or zip files.

Before the Delta Search can be used within DPS, the application needs to be indexed against the DPS file system. This is a simple one off task that indexes the complete file system, including all documents whether they are associated with DPS files or not.

A single index can hold over a terabyte of text and DPS Delta Search can create and search an unlimited number of indices with a single search request. These indices are automatically updated using the Windows Task Scheduler, reflecting additions, deletions and modifications to documents. Updating an index is a quick process that checks each file and only reindex files that have been added or changed.

Users may only want to search files that are not indexed. If this is the case, the system can undertake an unindexed search as well as a "combination" search.

When DPS Delta Search performs an indexed search, the system searches the index that it has built. In contrast, an unindexed search searches through the documents themselves. In either case, when Delta Search displays a retrieved document the findings refer to the original document, using information in the index to highlight hits. Searching and document display or indexing will never alter original files.

Basic Search Types:

Phrase: this locates phrases such as *due process of law*

Boolean: operators such as *and/or/not* can join words and phrases, for example: *due process of law and not (equal protection or civil rights)*

Proximity: this search locates a word or phrase within a specified number of words of another word or phrase, for example: *apple pie w/38 peach cobbler*

Directed Proximity: this search finds a word or phrase a specified number of words before another word or phrase, for example: *apple pie pre/38 peach cobbler*

Phonic searching finds words that sound alike, for example: *Smythe* in a search for *Smith*

Stemming: this search finds variations in endings, such as *applies, applied, applying* in a search for *apply*

Numeric range searching finds any number between two numbers, for example: *a number between 6 and 36*

Macro Capabilities make it easy to include frequently used items in a search request

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Wildcard support allows '?' to hold a single letter place, and '*' to hold multiple letter places, for example: *apple** and not *appl?sauce*

Fuzzy Searching uses a proprietary algorithm to find search terms even if they are misspelt. Search fuzziness has a range from 0 to 10 so you can fine-tune fuzziness to the level of OCR or typographical errors in your files. For example: a search for alphabet with a *fuzziness of 1* would find *alphaqet*; with a *fuzziness of 3*, would find both *alphaqet* and *alpkaget*. Fuzziness is not built into the index, so it can be varied at the time of each search.

Concept / Synonym / Thesaurus Searching: will search for variations on the same meaning. For example, a search for fast would find quick, speedy, etc. DPS Delta Search offers variable levels of automatic synonym expansion based on a comprehensive semantic network of the English language. You can also add your own thesaurus terms

Combining Search Types: nearly all search types are combinable and the system allows search requests as complex as required

System Requirements	
DPS Delta search is available for:	
DPS One Office DPS Outlook Office	Require Windows 2000/XP/2003/.NET 2 or better
DPS Web View	Requires IIS (Internet Information Server)



To view our online demonstrations visit www.dpssoftware.co.uk or for further information about this or any other DPS application please call us on 020 8804 1022 or email info@dpssoftware.co.uk

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