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The Integrated Delphion Result Set Interface

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Overview

The fully-integrated Delphion Result Set interface puts all the tools you need at your fingertips — all the time. Whether working with the results of a query, or the contents of a Snapshot or Work File, you can easily move from one tool to another using the convenient tabbed interface.

Following are some of the things you can do from the various control panels that are part of the integrated Delphion Result Set interface:

- Create and store customized lists of patents as Work Files — view, edit or clone those Work Files
- Create a bar chart to analyze all or part of a query Result Set or Work File with Snapshot
- Extract selected patent data from a Work File or query Result Set and export it — in a variety of formats — with Data Extract
- Save your search and create an Alert to periodically re-run the search and notify you of the results
- Analyze records from a Work File or a query Result Set using the Clustering tool
- Analyze a Work File or a query Result Set using PatentLab-II
- Download PDFs in bulk with PDF Express — up to 500 at a time
- Set your display to show images and/or abstracts right on your Result Set

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Typical Result Set Display

The following is a high-level look at the main sections of a typical query Result Set or Work File display. Each of these features will be examined in more detail later in this page as well as in more detailed Help pages in the [Delphion Help Center](#).

Looking at the Core of the Display

Several of the Delphion tools share the same core display of results. From this core display, you can create or add to Work Files, purchase PDFs instantly, add patent records in a variety of formats to your shopping cart, and display the Delphion Integrated View for listed patents. The core display is also used to select specific patents to be processed in features such as PDF Express or Data Extract.

The screenshot shows the Delphion Result Set interface with several callouts explaining its features:

- Confirmation of collections searched:** Points to the text "Collections searched: US (Granted)".
- Number of matches found:** Points to the text "59,492 matches found of 3,110,929 patents searched".
- Navigate through the other pages of results:** Points to the pagination controls: "<< First Page < Previous Page Next Page > Last Page >>".
- Pointer to where you are in the Result Set:** Points to the text "Displaying results 21 - 40 of 59,492 (Display Limit 500)".
- Order selected items in a variety of formats:** Points to the "Order selected items as" dropdown menu set to "PDF".
- Add items to a Work File or Create a new Work File:** Points to the "Add" button and the "to Work File:" dropdown menu set to "Create New Work File".
- Purchase individual PDFs instantly:** Points to the blue license button next to the patent entry for US6446227.
- Blue license button shows that this patent is available for licensing:** Points to the blue license button next to the patent entry for US6446227.
- Click to see the Delphion Integrated View for this patent record:** Points to the "i" icon next to the patent entry for US6446227.
- Fields displayed are the default displays as well as the fields you requested when the Result Set was originally generated (controls at the bottom of the page allow you to show and hide fields to modify this display):** Points to the "Pub. Date" and "Score" columns of the patent table.
- Check box to select items for processing in selected functions:** Points to the checkboxes in the left column of the patent table.

FOR	Publication	Title (To sort a column, click label at top)	Pub. Date	Score
<input type="checkbox"/>	US5914425			
<input type="checkbox"/>	US4507781	Time domain multiple access broadcasting, multipoint, and conferencing communication apparatus and method	1985-03-26	98%
<input type="checkbox"/>	US6467605	Process of manufacturing	2002-10-22	97%
<input type="checkbox"/>	US6559492	Non-contact position sensor	2002-10-01	97%
<input type="checkbox"/>	US6449660	Object-oriented I/O device interface framework mechanism	2002-09-10	97%
<input type="checkbox"/>	US6446227	Updating and reading data and parity blocks in a shared disk system	2002-09-03	97%
<input type="checkbox"/>	US6446220	Updating data and parity data with and without read caches	2002-09-03	97%

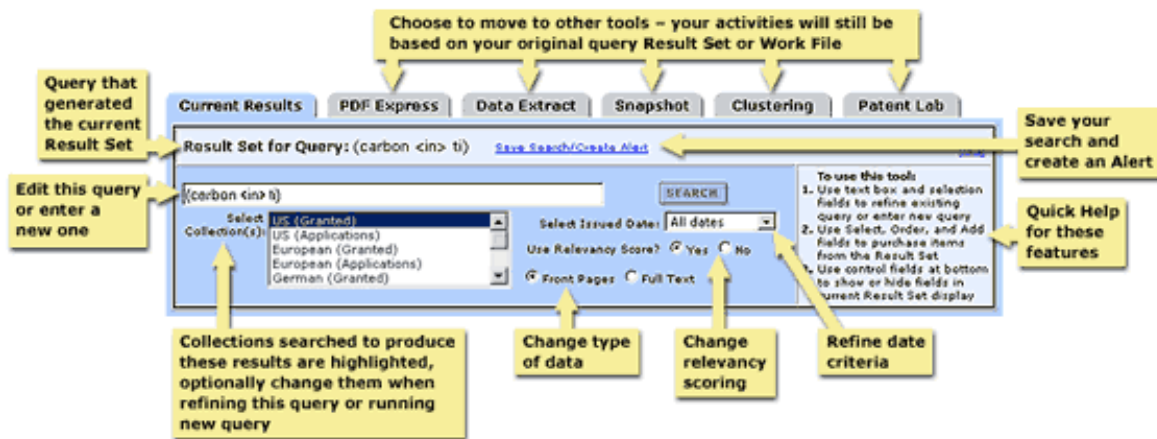
At the top of every core results display is a control panel that displays features and fields corresponding to the function you are performing or the tool you are using. If you have just run a query, for instance, the control panel at the top will let you refine that query or enter a new query. If you are working with a Work File, the Work File control panel displays. Find out more about these control panels in the sections following that describe the individual tools and features.

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Working with the Result Set from a Query

The Delphion query Result Set gives you the results of your query plus access to a variety of options and tools to continue your exploration — without going back to the initial search page. When running a query from any of the Delphion search pages or utilities, your query results are displayed under the Current Results tab as part of the fully-integrated Delphion Result Set interface.

The core display of the results has already been described in the Looking at the Core of the Display. This section will give you an overview of the control panel at the top of a Result Set from a query.

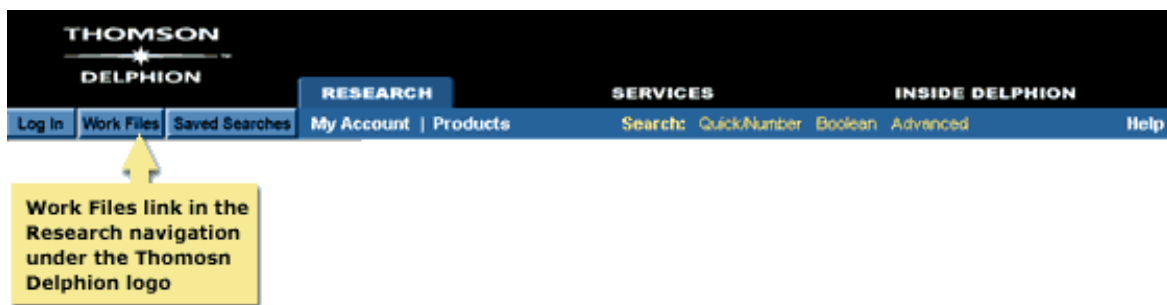


See a more detailed description of these query Result Set functionalities on the [Query Result Set Features page](#).

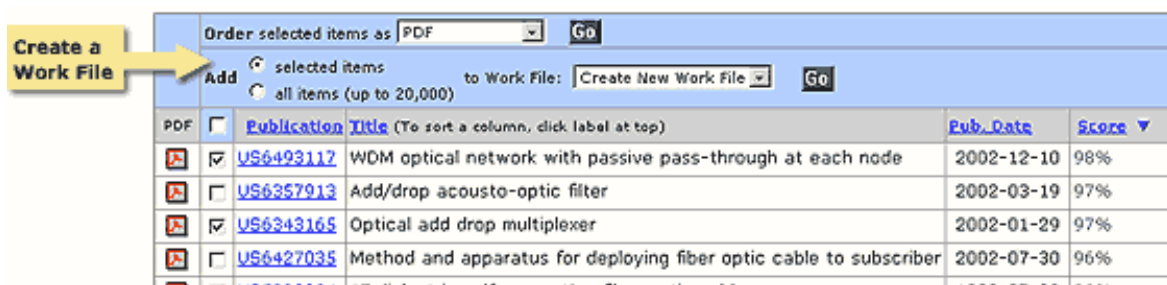
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Using the Work Files Interface

Work Files are customized lists of patents that you create to help make the most of your research time and effort. You can combine the results from multiple searches into a consolidated list, select just a few patents, or import an existing list of patents from another application. You can set up as many Work Files as you need and then view, edit, clone, delete, or merge Work Files as necessary.

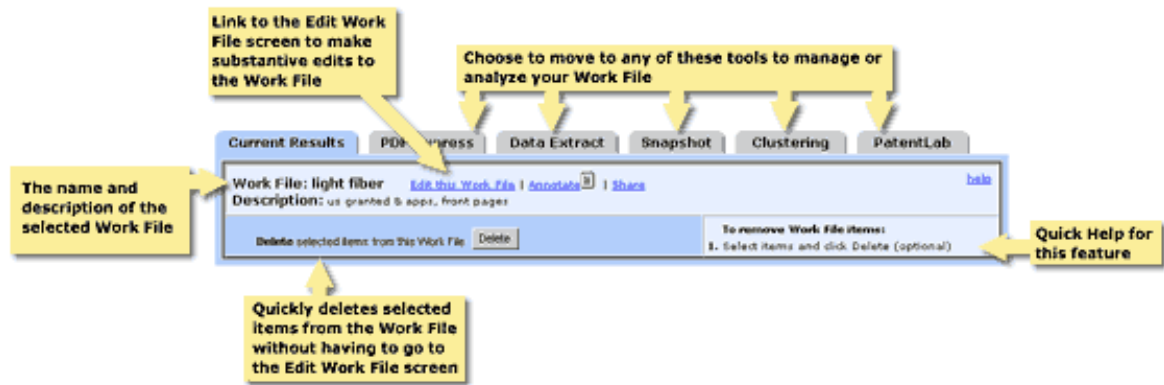


Create new Work Files or access existing ones from the core Result Set display as shown following.



Since a Work File is essentially a customized Result Set, the core display of the records in the center of the page will be just like the display for any new Result Set as explained in [Looking at the Core of the Display](#). The results display for a Work File will still be under the Current Results tab, but it will have a different control panel at the top of the screen giving you access to the features and functions unique to Work Files.

Work files are discussed in complete detail in the [Using Work Files](#) page, but the following gives you an overview of the unique Work Files control panel.



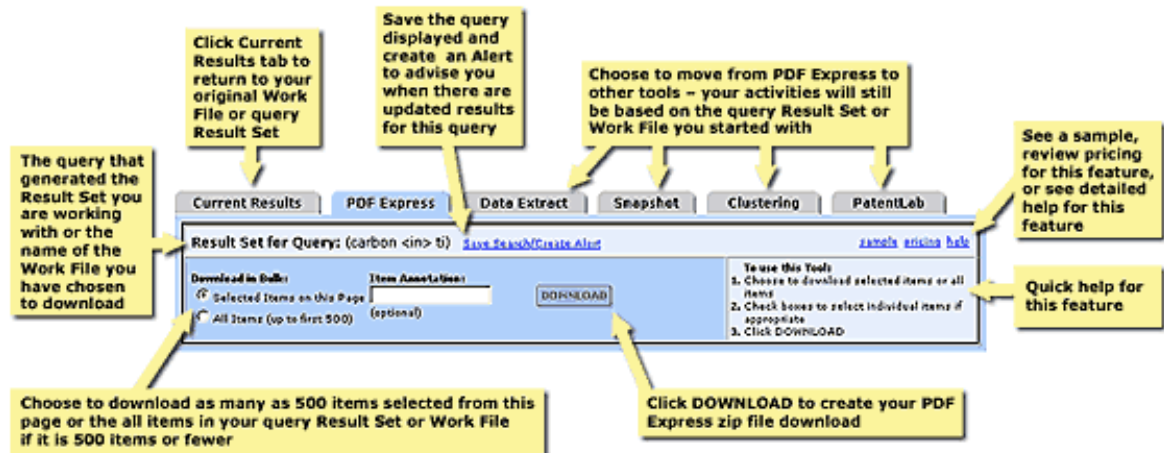
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Downloading through PDF Express

From a Work File or the Result Set from a query, PDF Express lets you download up to 50 patents all at once in one convenient zip file.

Access the PDF Express tool from the PDF Express tab at the top of the fully-integrated Delphion Result Set interface. If you are working with the Result Set from a query, those are the files that will be shown in the core results section in the middle of the page under the PDF Express control panel. If you are working with a Work File when you choose to use PDF Express then those are the files displayed when you click the PDF Express tab.

PDF Express is discussed in complete detail in the [Using PDF Express](#) page, but the following gives you an overview of the control panel for PDF Express.



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Using Data Extract

With Data Extract, you can export patent data from your Work Files or Result Set in formats suitable for import into many popular applications. Data Extract lets you export up to 30-plus key bibliographic fields — for up to 20,000 patent records.

Data Extract is discussed in complete detail in the [Using Data Extract](#) page, but an overview of the control panel for Data Extract is shown following.

Choose to move from Data Extract to other tools – your activities will still be based on the query Result Set or Work File you started with

The query or Work File you have chosen to work with

Select the format you want for your Data Extract

Optionally, enter a comment or description about this Data Extract

Choose to extract selected items on this page or all items in Result Set or Work File (up to 20,000)

Select fields for which you want to extract data

Click DOWNLOAD to create your Data Extract

Specify the sequence in which you want extracted fields displayed

Save the query displayed and create an Alert to advise you when there are updated results for this query

See a sample Data Extract, review pricing for this feature, or see detailed help for this feature

Current Results | PDF Express | **Data Extract** | Snapshot | Clustering | PatentLab

Result Set for Query: (carbon <in> ti) [Save Search/Create Alert](#) [sample pricing help](#)

Select format: CSV (spreadsheet)

Client References (optional): 000

Available fields: Publication Country, Abstract*, First or Exemplary Claim*, Independent Claims*, Number of Claims, Assigner/Applicant Name

Chosen fields: Publication Number, Title, Publication Date

Extract: selected items on this page all items (up to 20,000) * Ex. charges apply

Download Save as Zip file

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Creating a Snapshot to Analyze your Data

Snapshot gives you a visual summary of your query Result Set or your Work File. Select from a list of bibliographic fields (e.g. inventor, assignee, IPC class, or application date), and Snapshot will return a bar chart summary of the specified fields.

Refine your query with Snapshot by selecting any item, or multiple items, to re-summarize your results. Or select an item in a bar chart to view the list of patents associated with that item.

Full details on using Snapshot are included in the [Using Snapshot](#) page, but an overview of the control panels for Snapshot are shown following.

Choose to move from Snapshot to other tools – your activities will still be based on the query Result Set or Work File you started with

The query or Work File you have chosen to work with

Choose fields to be summarized for your Snapshot

Choose sort and display detail preferences

Click SUMMARIZE to generate Snapshot

Choose to take Snapshot of first 500 items or all items in your query Result Set or Work File (up to 20,000)

Quick help for this feature

See a sample, review pricing for this feature, or see detailed help for this feature

Save the query displayed and create an Alert to advise you when there are updated results for this query

Current Results | PDF Express | Data Extract | **Snapshot** | Clustering | Patent Lab

Result Set for Query:(carbon <in> ti) [Save Search/Create Alert](#) [sample pricing help](#)

Summarize by: Default (set of 4)
Assignee
Assignee City
Assignee State
Assignee Country
Attorney

Sort by: Item count Field values

Display Results: Single column Double column

Take Snapshot of: First 500 Items All Items (up to 20,000)

SUMMARIZE

To use this tool:
1. Select fields to summarize by (hold CTRL to select multiple)
2. Choose to sort by item count or field values
3. Choose display options
4. Choose number of items to Snapshot
5. Click SUMMARIZE to generate Snapshot

When your Snapshot displays, the control panel changes to offer you options for refining your request and generating a new Snapshot.

The screenshot shows the 'Result Set for Query: (carbon <ln> ti)' interface. Annotations include:

- Choose sort and display details for your new Snapshot:** Points to the 'Sort by:' and 'Display Results:' sections.
- The query or Work File you have chosen to work with:** Points to the query title.
- Choose fields to be summarized for your refined Snapshot:** Points to the 'Summarize by:' dropdown menu.
- Click SUMMARIZE to generate refined Snapshot:** Points to the 'SUMMARIZE' button.
- Choose to view a core Result Set display for all or selected items from this Snapshot. From that display, you can create a Work File of your Snapshot results:** Points to the 'View documents' button.

Help text on the right: 'To use this tool: 1. Refine Snapshot by changing field selections or display and sort options 2. Select items in bar charts to limit new summary 3. Click SUMMARIZE to generate new Snapshot 4. Choose a view document link for Current Results view of all or selected documents'

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Analyzing Your Data with Clustering

Text Clustering is a powerful visualization tool that uses linguistic and relational technology to analyze patent documents and extract key terms from the full text, abstracts, and claims. Documents are assigned uniquely to one defined cluster; clusters of similar documents are clearly displayed along with the extracted keywords that characterize each cluster. Results can be visualized graphically with a map that provides an overview of the clusters and an indication of the relationship among them.

Full details on using Clustering are included in the [Using Clustering](#) page, but an overview of the control panel for Clustering is shown following.

The screenshot shows the 'Clustering' control panel. Annotations include:

- Choose to move from Clustering to other tools - your activities will still be based on the query Result Set or Work File you started with:** Points to the navigation tabs (Current Results, PDF Express, Date Extract, Snapshot, Clustering, Patent Lab).
- The query or Work File you have chosen to work with:** Points to the query title.
- Choose number of items to analyze through Clustering process:** Points to the 'Items to Cluster:' radio buttons.
- Indicate the number of clusters you want displayed:** Points to the 'Number of clusters:' dropdown.
- Click ANALYZE to initiate the Clustering process:** Points to the 'ANALYZE' button.
- Save the query displayed and create an Alert to advise you when there are updated results for this query:** Points to the 'Save Search/Create Alert' link.
- See a sample, review pricing for this feature, or see detailed help for this feature:** Points to the 'sample pricing help' link.
- Quick help for this feature:** Points to the 'help' link.

Help text on the right: 'To use this tool: 1. Select to cluster first 500 or all items 2. Select number of clusters to view 3. 4. ANALYZE'

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Analyzing Your Data through PatentLab

PatentLab-II is analytical software that lets you visualize the relationships among large selections of patent data through a wide variety of customizable charts, graphs, tables, and reports. Use this convenient control panel to download your patent data in a PatentLab-II accessible format, then use the PatentLab-II software and wizards to create your charts and graphs.

Full details on using PatentLab-II are included in the [Using PatentLab-II](#) page, but an overview of the control panel for PatentLab-II is shown following.

The screenshot shows the PatentLab interface with several callout boxes:

- Choose to move from PatentLab to other tools – your activities will still be based on the query Result Set or Work File you started with**: Points to the navigation tabs: Current Results, PDF Express, Data Extract, Snapshot, Clusterin, and PatentLab.
- Download the PatentLab software application for free**: Points to the 'PatentLab' tab.
- The query or Work File you have chosen to work with**: Points to the 'Result Set for Query: (carbon <in> ti)' header.
- See a sample, review pricing for this feature, or see detailed help for this feature**: Points to the 'sample pricing help' links.
- Quick help for this feature**: Points to the 'help' link.
- Choose the patent data you want analyzed, pricing information is dynamically updated based on the number of records in your Result Set or Work File**: Points to the radio button options for 'Biblio', 'Biblio/Abstract', and 'Biblio/Abstract/Claims'.
- Enter optional item annotation**: Points to the 'Client Reference: (optional)' field.
- Save the query displayed and create an Alert to advise you when there are updated results for this query**: Points to the 'Save Search/Create Alert' link.
- Click DOWNLOAD to initiate your PatentLab download**: Points to the 'Download' button.

The interface content includes:

- Navigation tabs: Current Results, PDF Express, Data Extract, Snapshot, Clusterin, PatentLab.
- Header: Result Set for Query: (carbon <in> ti) | Save Search/Create Alert | Set PatentLab (ver 1.4) Free | sample pricing help
- Patent records: Biblio, Biblio/Abstract, Biblio/Abstract/Claims.
- Price for 500 records: \$5.00, \$10.00 (max), \$15.00 (max).
- Price for 8,655 records: \$85.00, \$170.00 (max), \$255.00 (max).
- Client Reference: (optional) | order annotation | [Download]
- Instructions: To use this tool: 1. Choose type of data and number of records you want to analyze. 2. Prices shown are actual or estimated maximum, click pricing for details. 3. Click DOWNLOAD.

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