User Guide Contents

Find general information about IEEE DiscoveryPoint for Communications, plus frequently asked questions (FAQs) on these popular topics:

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Getting Started with IEEE DiscoveryPoint

The IEEE DiscoveryPoint platform has been designed with the needs of communications engineers in mind—but every platform needs an introduction.

Key Questions

• What is IEEE DiscoveryPoint for Communications?
• What content can be found in IEEE DiscoveryPoint?
• How do I create an account?
• How do I log in to IEEE DiscoveryPoint?
• What do the different icons mean?
What is IEEE DiscoveryPoint for Communications?

IEEE DiscoveryPoint is an all-in-one information platform built for engineers in industry to support the design and development of technology solutions, by offering:

**Trusted Sources**
Find answers to technical questions by referencing relevant content from high-quality sources.

**All-in-One Search**
Avoid time wasted searching multiple databases and find all the information you need in a single platform.

**Focused Communications Content**
Easily find project-specific information by searching expertly curated communications-focused content.

**Practical Industry Data**
Discover solutions for real-world design challenges with resources tailored to support engineers in industry.
What content can be found in IEEE DiscoveryPoint?

The IEEE DiscoveryPoint platform brings communications focused information together from hundreds of high-quality, reliable, and vetted sources:

- **Research**: Full-text of communications-related content from IEEE and SMPTE
- **Books**: Full-text of communications-related eBook titles from leading publishers
- **Standards**: Industry guidelines and standards, including full-text IEEE Standards
- **White Papers**: Direct links to reports and position papers
- **eLearning**: Full access to self-paced educational courses from IEEE and direct links to courses from manufacturers
- **Parts & Components**: Relevant equipment and parts solutions from distributors and manufacturers
- **Industry & Product News**: Direct links to online business and technology news
- **Blogs & Commentary**: Direct links to opinion and idea content related to communications
- **Events**: Information on upcoming IEEE conferences, symposiums, and other events
- **Expert Searches**: Collection of ready-made search queries by communications experts, designed to capture the most relevant content

View a more detailed listing of content sources
How do I create an account?

1. Go to [discoverypoint-comms.ieee.org](https://discoverypoint-comms.ieee.org)
2. Click **Register** at the bottom of the login window
3. Fill out the **Account Registration** form and click **Continue**

**TIP:**
Make sure to register with an active, organizational email address from an approved email domain to be granted access.
How do I log in to IEEE DiscoveryPoint?

Log into IEEE DiscoveryPoint at discoverypoint-comms.ieee.org using your email and password.

Forgot your password? From the login window, select the Forgot my password link, specify your registered email and select the Continue button. Your password will be reset, and notification of follow-up steps will be sent to you by email.
What do the different icons mean?

**On the blue navigation bar:**

- **Profile**
  - Access your profile; update settings

- **Help**
  - Access user help; view full content list

- **Contact**
  - Send questions; submit feedback

**Throughout the platform:**

- **Search**
  - Search for content

- **Customize**
  - Customize widget settings

- **Minimize**
  - Minimize content window

- **Maximize**
  - Maximize content window

- **Actions**
  - Access Actions

- **Hide**
  - Hide details

- **Show**
  - Show details

- **Reset**
  - Reset to base settings

- **Edit**
  - Edit

- **Delete**
  - Delete
Search

The IEEE DiscoveryPoint platform allows you to search subject-focused information from hundreds of high-quality and vetted sources using intuitive search features.

Key Questions

• How do I perform a quick search?
• How do I work with the All Results Page?
• How do I sort my Search Results?
• How do I save a Search?
• What additional options do I have with Advanced Search?
How do I perform a quick search?

You can perform a quick search in two places:

**Main Search Box** at the center of the Welcome page
- Type in your search terms
- Click on the **Search** button to search all content

**Quick Search Box** at the top right corner of every page
- Type in your search terms
- Select **All Results** or a **specific content Channel** from the drop-down menu
- Click on the search icon
How do I work with the All Results Page?

After entering and running your search, you will see a full listing of results from all Channels.

**From any of these Channel boxes, you can:**

- Click **MORE** to see the complete results for that content set
- Click **SAVE** to create a Saved Search

You can also click on any of the **collections**, under the main search box, to see the full results list for that Channel.

**TIP:**
Hold your cursor over the link within a search result box to get an overview of the document.
How do I sort my Search Results?

Use the drop-down menus below the search box to sort your search results by:

**Timeframe:** Choose the search timeframe
- No Limit
- Last 90 Days
- Last 6 Months
- Last 12 Months
- Last 18 Months
- Last 2 Years
- Last 5 Years
- Last 10 Years

**Relevancy:** Switch between Relevance and Date
- Sort By Relevance
- Sort By Date

**Publication Name:** Switch between No Grouping and Group By Publication Name
- Group By Publication Name
- No Grouping

Selecting Group By Publication Name/Source will add a More from section at the bottom of every search result with the top results from that publication and the option to view all results.
How do I save a search?

The **Save Search** function on IEEE DiscoveryPoint is an easy way to keep updated on your topics of interest.

There are two ways to save a search:

### All Results
Once you have conducted a quick search, click **SAVE** in a Channel’s box to create a Saved Search.

### Advanced Search Results
Click the **Save** button to the right of the main search bar.

#### In the Save Search window:
- Enter a name for your search and choose your alert frequency (Never, Every 4 Hours, Daily, Weekly, or Monthly)
- Click the checkbox if you wish the search to be added to My Dashboard
- Select **Save**
What additional options do I have with Advanced Search?

The Advanced Search forms can be found for each Channel listed in the **Advanced Search** drop-down, in the blue navigation bar at the top of the page.

Beyond keywords within the document, you can customize your search using the following fields:

- Words in Title
- Publication/Standard Name or Source
- Authors
- Bookmark tag
- URL
- Company
- Language
- Category
- Manufacturer
- Location
- Date Range

The results can be sorted by **date** or **relevance**.

*Note: Specific search fields will vary by content Channel, and not all fields will be available on all Channels.*
Analyzing & Understanding Search Results

IEEE DiscoveryPoint uses machine learning to analyze your search results—providing you with a better understanding of the content.

Key Questions

• What is the More Like This button?
• What are Insights? How do I view Insights?
• What is on the MI Analyst page?
• What are Topics? How do I view Topics?
What is the More Like This button?

In the results list, use the More Like This button to find content similar to a particular record.

<Image>

Security has become the primary concern in many telecommunications industries today as risks carry over to the core and enable technologies will be associated with 5G network, the confidential information, wireless systems. Several incidents revealed that the hazard encountered by an infected wireless net

Clicking the More Like This button replaces the search query based on elements from the selected record and automatically generates a new search result list of on-target items.

Each result listed after the original record shows its Likeness Score—a percentage ranking that indicates how similar each document is to the original.
What are Insights?

Insights are brief, easy-to-read key points extracted from search results found in IEEE DiscoveryPoint resources like Research, Books, Standards, White Papers, eLearning, Industry & Product News, and Blogs & Commentary.

The built-in tool is designed to help you work through projects in less time by pinpointing the most relevant information contained in documents and directing focus to the materials that are most likely to contain solutions.

How do I view Insights?

In the right column of your search results page, you will see a box with two tabs titled Insights and Topics. Click on the Insights tab to view relevant snippets from the documents in your results set listed below the tab. Click VIEW to read the full-text of the document.
What are Topics?

The **Topics** widget allows you to explore concepts within your search results. IEEE DiscoveryPoint uses taxonomies to highlight topics pertinent to your search—letting you use **Topics** to further refine your research or explore related ideas.

How do I view Topics?

To view **Topics**, click on the Topics tab in the right-hand module of your search results page.

Individual concepts are extracted from your search results documents and organized into technology and business-related topics areas. The number of results for each topic is also indicated.
What is on the MI Analyst page?

Each MI Analyst Results page in IEEE DiscoveryPoint offers several additional data points about the Topic, expressed as trend graphs and charts.

Many of the Topic areas have an additional filter where you can further focus your search results, based upon relevant sub-categories.
Sharing Search Results

IEEE DiscoveryPoint offers a variety of ways for you to share search results, making it easy to collaborate with your team.

Key Questions
• How do I email documents to other platform users?
• What are bookmarks?
• How do I bookmark content?
How do I email documents to other platform users?

You can email a document by clicking the Actions icon and selecting the Email link. This opens an overlay window to facilitate the email.

You can email a link to the full summary of the document, if available, to any other platform user.
What are bookmarks?

**Bookmarks** are links to favorite documents located on IEEE DiscoveryPoint—yours and those created and shared by colleagues within your organization.

You can access your bookmarks by clicking the My DiscoveryPoint drop-down in the blue navigation bar at the top of the screen. Select **My Bookmarks**.

On the My Bookmarks page, you can filter your bookmarks by **Document Title** or **Bookmark Tags**. You can also **edit** or **delete** your bookmarks.
How do I bookmark content?

You can bookmark a document by clicking the **Actions** icon and selecting the **Bookmark and Share** link.

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**TIP:**

You can bookmark and share multiple results by clicking the check boxes to the left of the titles and selecting **Bookmark and Share** just under the filtering options.

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This opens an overlay window to facilitate saving the bookmark. In the **Save Bookmark** window, you can add **Notes** related to the content and add **Tags**.
Dashboards & Expert Searches

Created and maintained by IEEE subject matter experts, Dashboards and Expert Searches provide quick access to coverage of hot topics pertinent to engineers.

Key Questions

• What are Dashboards?
• How do I view Expert Searches?
• How do I subscribe to Expert Searches?
**What are Dashboards?**

**Dashboards** on IEEE DiscoveryPoint are curated pages that highlight research and trends of selected communications topics.

Click on the **Dashboards** drop-down menu in the blue navigation bar. Your **Favorite Dashboards** and **Recent Dashboards** will appear at the top of the drop-down list. Click the **Dashboard Directory** to view all Dashboards.

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**TIP:**

When keywords from your search correlate with the subjects covered by available Dashboards, **Curated Dashboards on this Topic** will appear on the results page as clickable thumbnail images.

You may see numbers in a green circle when viewing the Dashboard drop-down menu and Dashboard Directory. This indicates the number of unread and updated items since the dashboard was last accessed.
How do I view Expert Searches?

IEEE DiscoveryPoint provides **Expert Searches** to deliver search results with high precision on a variety of relevant topics for users to browse. To view Expert Searches, go to **Advanced Search** (drop-down) on the blue navigation bar and open the **Expert Searches** page.

You may view all searches or search for existing searches. Use the drop-down to limit your search to a specific folder, or search through all folders.
How do I subscribe to an Expert Search Alert?

Click the RSS icon to subscribe to an RSS feed of new search results; or click on the Subscribe icon to receive a periodic email update whenever new results are added to content Channels.

You may also subscribe to an Expert Search when viewing the results of the search, by clicking the Subscribe button on the right side of the search bar on the search results page:

- A subscription overlay will appear. From here, you can subscribe to email notifications based on frequency of alerts.
- Your notification options are "Never", "Every 4 Hours", "Daily", "Weekly" or "Monthly".
- Click on the Save link.
My DiscoveryPoint

The My DiscoveryPoint drop-down is a gateway to your personalized pages within IEEE DiscoveryPoint.

Key Questions
- What is the My DiscoveryPoint drop-down menu?
- What is My Dashboard?
- How do I add new content to My Dashboard?
What is the My DiscoveryPoint drop-down menu?

The *My DiscoveryPoint drop-down* is a gateway to your personalized pages within IEEE DiscoveryPoint for Communications.

You will find links to:
- My Dashboard
- My Saved Searches
- My Bookmarks
- Bookmarked for Me
What is My Dashboard?

**My Dashboard** is a personal dashboard that can be customized for your specific information needs with:

- Saved Searches or Expert Searches
- Recommended Reading Lists
- My Groups

Initially, all the widget boxes are called **My Headlines**. You may configure up to 16 headline widgets. You may open or close boxes and change their positions on the page.

**TIP:**
You may change the placement of existing boxes on the page by dragging and dropping them with the drag icon.

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**TIP:**
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How do I add new content to My Dashboard?

Add new content by clicking the Customize icon on the “My Headline” header, or click the “Customize” icon at the top right of an existing My Headline box.

- Select your desired Saved or Expert Search from the drop-down lists:
  - For Expert Searches, select the Folder first, then the Search.
  - If selecting a Saved Search, you will need to have created a Search that you saved for it to appear under this selection.
- Choose to display content as Search Results or Insights
- Click the Save button

TIP:
You may also save searches to an empty Headline widget immediately after you create them, by clicking the Save button. Check the Add to My Dashboard box if you wish to see this search in a Headline widget.
What is "My Groups?"

You can use My Groups to collaborate with colleagues in your organization around a specific topic. You can add bookmarks, discussions, and related research.

To join an existing group, go to Browse Groups Directory, view groups of interest and click on the link of a group that interests you. You will be taken to that group’s dashboard.
Settings and Personalization

Customize your settings to always get the most out of IEEE DiscoveryPoint.

Key Questions

- How do I change my profile details?
- Where can I change my settings?
- What are the Recommended Reading Lists?
How do I change my profile details?

Access your profile settings by selecting the **My Profile** icon on the right side of the blue navigation bar.

From here, select the **My Profile** link in the drop-down.

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**Update personal info** at the top of the page

Add or remove a picture:
- Click the **Browse/choose file...**
- Click on the **Upload Picture** button to add the picture to your profile
- To delete a picture, select the **Reset Picture** button

Change your password at the bottom of the page

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Where can I change my settings?

You can access My Settings by selecting the My Profile icon on the right side of the blue navigation bar. From here, select the My Settings link in the drop-down.

My Settings allows you to change your search settings for each content Channel, customize your search results, and select preferences for other settings.

Each content Channel can be customized as follows:

- Change the frequency of your Recommended Reading List emails for each Channel using the drop-down menu.
- Reset to default settings by clicking the Reset icon next to the Channel’s name.
- Change the Advanced Search options for any of the Channels by clicking on the name of the Channel.

The Customize Search Results and Other Settings are universal and will apply to searches in all content Channels.
What are the Recommended Reading Lists?

IEEE DiscoveryPoint provides content recommendations for you, based on an automated analysis of your past reading activity over the last 30 days.

Each Recommended Reading List widget has added functions to make the widget work better for you:

- Click the MORE RECOMMENDATIONS link to view the entire list of results.
- Click the ALERT OPTIONS link to set up email alerts or adjust the frequency of updates to your existing alerts.
- Click the Actions icon to render your opinion on whether the document was on or off point for what you were seeking, and to Bookmark & Share, Email, or Copy the document’s URL

To set the schedule of email alerts for your Recommended Reading Lists, go to My Settings
Questions

The IEEE DiscoveryPoint team is always here to help.

You can find further support, or submit feedback, by selecting the Contact drop-down in the blue navigation bar and selecting Contact Us or email the team directly at discoverypoint-comms@ieee.org.

Find more information about using IEEE DiscoveryPoint on the User Help pages.
Appendix

Key Questions

• What are the Search Result Record Actions?
• Can I use Boolean Operators in a Quick or Advanced Search?
• What is the Connect drop-down menu?
• What is "My Colleagues?"
• What is "My Groups?"
• How do I create a new group? How do I add members?
• What is the My Saved Searches page?
• What is the My Bookmarks page?
• What is the Bookmarked for Me page?
What are the Search Result Record Actions?

Every IEEE DiscoveryPoint search result record has a variety of actions that you can perform, accessible by clicking on the Action icon to the right of the record.

**Bookmark and Share**: Allows you to Bookmark the link to a document for easy future retrieval, as well as share it with designated Colleagues on the platform.

**Email**: Email a link to a document and write a message to anyone. Only those with access to the platform will be able to access the document.

**Copy URL**: Copies the URL of the requested document for pasting in an email or other document.

Can I use Boolean Operators in a Quick or Advanced Search?

IEEE DiscoveryPoint supports full Boolean search capability (**AND, OR, NOT**), including parenthetical expressions within any search box. There is no limit to the level of nesting which you can use in a search query.

### Boolean Operators

<table>
<thead>
<tr>
<th>USE:</th>
<th>&quot;Double Quotes&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>TO:</td>
<td>Search on occurrences of a specific phrase</td>
</tr>
</tbody>
</table>

For example:
- Software for "cloud computing" will retrieve documents containing the exact phrase "cloud computing" with no other words or characters between them, and also includes the word "software" somewhere in the record.

<table>
<thead>
<tr>
<th>USE:</th>
<th>AND</th>
</tr>
</thead>
<tbody>
<tr>
<td>TO:</td>
<td>Narrow your search and retrieve records that contain each of the words listed in your query.</td>
</tr>
</tbody>
</table>

For example:
- Modulation AND Demodulation will retrieve documents that contain both the word "Modulation" and the word "Demodulation" somewhere within the record.

<table>
<thead>
<tr>
<th>USE:</th>
<th>OR</th>
</tr>
</thead>
<tbody>
<tr>
<td>TO:</td>
<td>Retrieve documents that include any of the search terms you have entered.</td>
</tr>
</tbody>
</table>

For example:
- *Operator OR Carrier* will retrieve documents that contain either the word "operator" or the word "carrier" somewhere within the record.

<table>
<thead>
<tr>
<th>USE:</th>
<th>NOT</th>
</tr>
</thead>
<tbody>
<tr>
<td>TO:</td>
<td>To indicate a term that must not appear in the documents, in order to eliminate irrelevant records from your search results</td>
</tr>
</tbody>
</table>

For example:
- *Cable NOT tv* will retrieve documents containing the word "cable" but will omit those articles referencing “TV”.

Find more information about **Boolean Operators**. [link to Search Features help page]
What is the Connect drop-down menu?

You can share content and collaborate with other platform users in your organization on specific topics by using the Connect tools on IEEE DiscoveryPoint.

Clicking the Connect drop-down on the blue navigation bar will provide you with two links:

• My Colleagues
• My Groups
What is "My Colleagues?"

You can use My Colleagues to connect and share content with other platform users in your organization.

To invite a colleague to join your network, first find their profile by typing their name or email in the Search User window. Then click on the icon next to their name.

Your colleague will receive an automated message with your invitation. If accepted, you can share bookmarks with each other.
How do I create a new group? How do I add members?

To create a new group, click the Create a New Group and enter the group name and description.

TIP:
Once the group is created, use the Search User box on the View Members page to find organization colleagues’ name and email to invite them to join the group.
What is the My Saved Searches page?

**My Saved Searches** lists all your Saved Searches.

From this page you can View, Filter, Edit, Delete, or Unsubscribe to search alerts.
What is the My Bookmarks page?

My Bookmarks is where you can View, Edit, or Delete your bookmarks.

In addition to the list of your bookmarks, this page also has Bookmark Tags and Search by Bookmark Tag widgets.
What is the Bookmarked for Me page?

The Bookmarked for Me page provides a list of saved documents that colleagues in your organization have saved for you.