

Research Assistant

Accelerate Knowledge Discovery and Problem-Solving with a “Virtual Subject Matter Expert”

Research Assistant by IHS Markit

makes your engineering teams more efficient with next-gen search capabilities to quickly find answers within trusted content.

Mitigate risk by ensuring your teams are identifying the best solutions from within authoritative technical reference content rather than relying on unverified information from unvetted internet sources.

Engineers and other technical professionals spend a third or more of their time searching for the information and insights they need to solve problems and develop solutions. Research Assistant by IHS Markit acts like a “virtual SME” to reduce this search time and enable these professionals to make better, more informed decisions by allowing them to quickly discover knowledge and answers in an organization’s trusted technical reference library.

On-Demand Access to Essential Information and Insights

Research Assistant is a powerful content analysis toolset that allows technical professionals to discover answers and knowledge within the large body of a company’s indexed content within Engineering Workbench, whether than includes internal content and/or IHS Markit content subscriptions such as Standards, Knowledge Collections, Expert Index Collection, and Patents Collection, and other sources.

Research Assistant uses next-generation content analytics and search technology to semantically mine the organization’s curated content library in Engineering Workbench. Acting like a “virtual subject matter expert,” Research Assistant guides the user through the content to obtain highly precise answers to a query.

This “virtual SME” automatically and intelligently groups search query results into logical categories and presents answers that promote exploration of a research subject and point engineers in directions that they might not otherwise have considered. This eliminates the traditional manual, repeated refinement of search terms with the hope of stumbling upon a useful set of keywords.

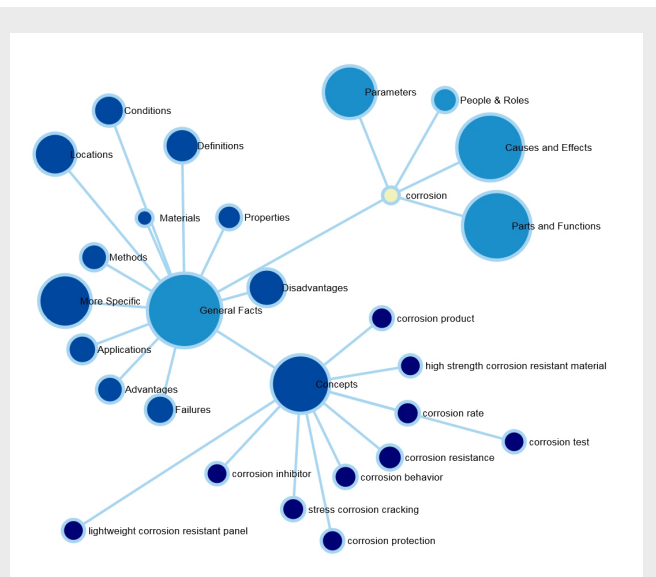
Engineers, scientists, researchers and other technical professionals use these capabilities in Research Assistant to:

- Easily and rapidly review a large body of reference content to drill down to relevant documents related to their research.
- Quickly surface relevant answers and solutions based on their queries.
- Easily review knowledge or trends across different fields or industries related to a search topic, so that they can surface knowledge available in sources they might not have thought to review.

Research Assistant at Work

Using the capabilities of Research Assistant, technical professionals are able to:

- Reduce research time substantially, and find better answers faster.
- Quickly get up to speed on a new topic or brush up on a field of knowledge.
- Quickly identify solutions by easily and rapidly exploring causes, effects and preventive measures.
- Quickly understand the components and operations of an unfamiliar system.
- Identify solutions, innovations or relevant knowledge outside their industry or field by asking questions they wouldn't think to ask, and/or reviewing sources they wouldn't have thought to review.
- Research and track competitors and/or technology trends via publicly available information on the internet, such as identifying potential competitive threats buried in a competitor's regulatory filings, such as investments in new technologies (using the Research Assistant Cloud Service).



Better Answers Faster

Research Assistant acts as a “virtual subject matter expert” to quickly guide a user through vast amounts of information, drilling down to the relevant content and pointing to solutions based on understanding the content itself.

VALUE DELIVERED:

Using Research Assistant, technical professionals accelerate R&D and problem solving by more quickly discovering solutions to technical challenges within technical reference content from vetted, trusted sources, including sources that they might not have thought to search, using queries they might not have thought to ask.

Engineers and others can also use Research Assistant to get up to speed on a topic or technology quickly. It takes 8.2 years for an engineer to gain sufficient experience to make non-standard technical decisions, per the SDC O&G HR Benchmark report. Using Research Assistant, a new engineer can accelerate this process and very quickly make informed decisions based on the best internal and external knowledge.

Moreover, organizations employing Research Assistant can attract the best engineering talent by providing their teams with a modern unified technical knowledge platform with the best content, next-gen search capabilities, and intuitive tools.

For more information www.ihsmarkit.com

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