



## IHS ENGINEERING SOLUTIONS

# Better Decisions Faster with Trusted, Authoritative Technical Reference Information

### VALUE DELIVERED:

#### **For Engineers, Scientists, Researchers and Technical Professionals**

Discover solutions to technical challenges quickly to accelerate R&D and problem solving, and minimize rework in the design cycle.

#### **For Engineering Program Management**

Consolidate information sources to make your engineering teams more efficient and collaborative, while reducing costs and simplifying processes.

#### **For Corporate Librarians and Standards Managers**

Increase utilization of knowledge sources and improve relevance of technical answers provided to engineering and R&D teams.

The most comprehensive collection of authoritative engineering and technical reference content, aggregated and readily accessible in one place, to help engineers, scientists and other technical professionals quickly make the best decisions.

Engineers require information from many different sources in the course of their daily work. In fact, research shows that, on average, an engineer will consult 13 different sources to solve a given technical problem. As a result, engineers spend 40% or more of their time searching for information – time they could be spending solving problems.

The challenge for engineering management is to ensure that their teams are using trusted information sources. Too often these days, engineers are turning for assistance to senior engineers, only to find that their veteran colleagues have retired, taking decades of know-how with them. Out of habit, many younger engineers turn to the internet for answers, but risk making decisions based on out-of-date, erroneous information from questionable sources.

#### **Single-point Access to Trusted, Authoritative Reference Information**

You know that access to vetted reference content from leading publishers enables your engineers to make decisions faster and with the confidence that they are using industry best practices. That's why you and engineering leaders at more than 3,200 companies have trusted IHS for access to critical industry codes and standards for more than five decades.

Now IHS offers engineers, researchers, scientists and related professionals single-point access to the essential technical content needed at each stage of the project lifecycle. With **IHS Knowledge Collections**, engineers get precise answers from more than 110 million documents drawn from validated content sources — across industries and fields of science.

As a result, our customers have realized up to 30% or more reductions in the time that their engineers spend looking for information, enabling them to spend more time analyzing information and resulting in faster, better decisions.

IHS Knowledge Collection pulls knowledge from a growing list of reference sources you already trust, including industry-leading technical publishers. You also can extend your engineers' knowledge base to include other authoritative sources — including technical papers, conference proceedings, books, manuals, monographs, journal articles, and "deep web" content, as well as patents and patent applications.

## Trusted, Authoritative Technical Reference



### COVERING:

- Aerospace Engineering
- Automotive Engineering
- Biomedical Engineering
- Chemistry and Chemical Engineering
- Civil Engineering
- Computer Engineering
- Earth Sciences
- Electrical Engineering
- Electronics
- Engineering Management
- Environmental Engineering
- Food Science
- Industrial Engineering
- Industrial Safety
- Life Sciences
- Mechanical Engineering
- Metallurgy and Materials Science
- Oil and Gas Engineering
- Software Engineering

With IHS Knowledge Collections, companies can configure their subscriptions to provide access to the critical technical reference content that meets the specific research requirements of their engineering and scientific teams.

#### Essential Technical Books, Manuals and Handbooks

Engineers can access online collections of applied engineering reference books that precisely align to their business needs, based on engineering disciplines or subject areas. With titles from top publishers like McGraw-Hill, Wiley, Springer, Maney, Oxford University Press, Industrial Press and many others, the collections are fully searchable and provide full-text access to titles.

#### Authoritative Technical Reference

Through the **Knowledge Collections Discover** upgrade, engineers can search across a vetted collection of more than 75 million technical articles, publications, reports, design principles/best practices, and more, covering all engineering and technical disciplines.

With Knowledge Collections Discover, users can instantly search this trusted technical information to find:

- Best practices and proven approaches developed by worldwide subject matter experts and authorities in all industries.

- Critical insight on the need for a standard, as well as the technology and research leading to its development.
- Hands-on guidance on the proper application and interpretation of a standard.
- First-hand accounts of users' experiences and opinions on future needs.
- Insights into the next-evolution of a technology.

#### Patents & Patent Applications

With the **Patent Content Add-on** and the **Patent Intelligence Module** upgrades, engineers and others can draw insights from a rich collection of more than 45 million patents. The Patent Content Add-on provides full-text access to the patents, while the Patent Intelligence upgrade offers a powerful graphical toolset for analyzing technology, competitive and market trends. These tools help engineers, technologists, and other innovators:

- Understand the competitive landscape
- Discover new markets
- Spot influential trends, companies, and people
- Stay on top of technology trends

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#### ABOUT IHS

IHS is a global information company with world-class experts in the pivotal areas shaping today's business landscape: energy, economics, geopolitical risk, sustainability and supply chain management. We employ more than 8,000 people in more than 31 countries around the world.