

**IEEE Xplore**<sup>®</sup>  
*Digital Library*



# Improve ROI Through *Smarter Research*

*Based on surveys with more than 400 technology professionals*



# Improve ROI Through *Smarter Research*

Anything that saves an engineer time saves the company money. The surveys summarized in this document reveal that IEEE Xplore does exactly that.

IEEE conducted surveys with more than 400 professionals across various technology industries. We found that organizations receive measurable returns on their investment when their researchers use the IEEE Xplore Digital Library.

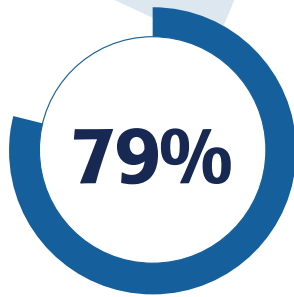
## Industries Represented in this Survey

- AI/Machine Learning
- Semiconductor
- Communications
- Electronics
- Aerospace & Defense
- Computer Software/  
Hardware
- Engineering Services
- Power/Energy/Utility
- Industrial Manufacturing
- Automotive
- Bioengineering/Medical
- Robotics
- Oil & Gas
- And more

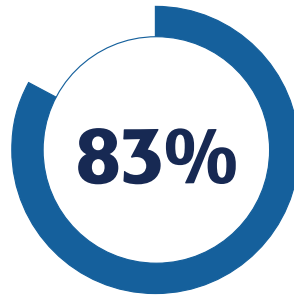


# What are some of the *reasons and business advantages* for using IEEE Xplore?

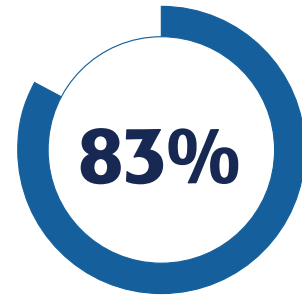
% of Respondents



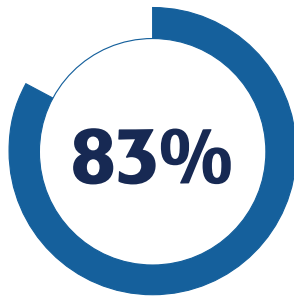
Supports productivity



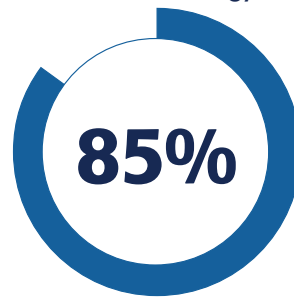
Stay up to date on latest technology



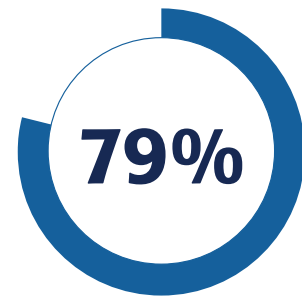
Shortens research time



Helps explore new opportunities to innovate



Makes it easier to find trusted information



Maintain productivity and collaboration in a hybrid work environment

Collectively, the results reveal the main business advantage of using IEEE Xplore is that it sets the stage for a cycle of ongoing, interrelated process improvements and product innovations.

## Benefits from using IEEE Xplore



Encourages **Innovative Thinking**



Increases **Daily Productivity**



**Get Up to Speed Quickly** on a Project



Supports More **Efficient Problem Solving**



**Avoid Reinventing** the wheel



# Trust

Trust is earned by reliable results. Trust comes from the certainty that you can rely on the engineer, the process, and the up-to-date research content. Technical content found on the open Internet is often not reliable or trustworthy.

The majority of the survey respondents state that they could not find research articles anywhere that equal the quality of the content in IEEE *Xplore*.



**99%** will *recommend keeping an IEEE Xplore subscription* to their manager or supervisor



**97%** agree their *job performance and company performance will benefit from continued access* to IEEE *Xplore*





“

The field of AI is changing quickly. **IEEE (and other sources) are important for finding and accessing the multi-disciplinary research that informs AI and inspires where it will go next.**”





“

*IEEE journals include various fields that are highly related to industrial researches, which is the difference between other academic journals/publications.”*

“

Having access to a large repository of relevant information across multiple formats lets me *find relevant information faster and do it across media.*”

# Time

## What happens to the bottom line each day an engineer has to work through a problem without the right resources?

Time plays a role in productivity. The faster you can complete your research, development, testing, and evaluation—and get your products to market—the higher your ROI will be.

Professionals who agreed to take the survey were asked how much time it would take to find a relevant article with or without IEEE Xplore.



**74%** found a research article in **30 minutes or less**



**83%** responded that with access to *IEEE Xplore*, they can **find the information they need faster and shorten their research time.**



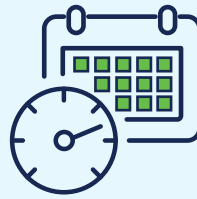
**85%** responded it would be **more difficult and time consuming to find trusted information without IEEE Xplore.**

**IEEE Xplore**<sup>®</sup>  
Digital Library



# Cost

Cost associated with time spent on research purposes is very often underestimated in early project planning. Less time spent sorting through unhelpful content during the research phase means better ROI.



Engineers spend **8.2 hours\*** per week searching for and accessing engineering information—this equals about **53 working days per year**



If the average engineer's yearly income is **US\$175,000\*\***, **approximately US\$35,673 per year goes toward time spent on research**



In fact, half of all respondents said that access to IEEE *Xplore* reduces their research time by 50% or even more. Reducing that time by half by employing precise research tools would see **savings of approximately US\$17,836 per year, per employee.**



“

IEEE is one benchmark platform where **information can be trusted and innovative ideas can be gathered all in one place.** So having an IEEE Xplore subscription will be beneficial for the organization to stay ahead of the curve”

“

Enables me to quickly find research on a topic and evaluate for use in my company without reinventing the wheel. **Less time in R&D means faster time to market which improves my company's bottom line.**”





## Additional feedback from actual users and why they rely on IEEE Xplore

“

A **fantastic resource** to access a broad spectrum of technical topics.”

“

Having access to journal articles helps me understand complex issues better and this **enables me to solve problems faster** for my company.”

**IEEE Xplore**<sup>®</sup>  
Digital Library





“

It helps me ***get up to speed and up to date on new topics quickly***, avoiding reinventing the wheel or inventing a suboptimal solution.”

“

***It provides the latest trusted and high quality research*** on the topic of work that we use for either verifying our own works or to find new solutions.”

See what IEEE *Xplore* has to offer your bottom line.  
Learn More | [innovate.ieee.org](https://innovate.ieee.org)

# IEEE Xplore<sup>®</sup> *Digital Library*

Learn about subscription options  
**[innovate.ieee.org](https://innovate.ieee.org)**

Scan for a digital  
version of the  
brochure

