

Customer Reference

**Beuth**  
publishing DIN

# Cutting-Edge Software Solution for Efficient Standards Management

Beuth Verlag Uses Intelligent Search Technology from IntraFind

Nautos is a new and state-of-the-art software solution for corporate standards management developed by the Beuth Verlag publishing company. The heart of this solution is its intelligent search functionality. This is based on the iFinder search software and allows users to find required standards and technical specifications from a pool of almost 2.5 million data records in seconds and then directly utilize them for subsequent processes.



**INTRAFIND**

## The Challenge

As the market leader for the management of standards and technical specifications, digital systems play a central role for Beuth Verlag. For example, the publishing house offers companies software solutions for standards management. In the past, these also included the two systems Perinorm and Beuth e-Norm. Within the scope of a modernization project, the publishing company recently worked closely with lead users to develop a new, innovative standards management solution – named Nautos – to replace these two systems. “Combining the two solutions into our new software application Nautos has allowed us to increase the overall cost-effectiveness,” explains Dominik Grau, managing director of Beuth. “We’ve also added a range of new features, unlocking new revenue potential for our sales team.”

Nautos is a flexible, efficient, and powerful software solution for standards management. It has a streamlined and intuitive interface and allows users to easily search for standards and documents; fully track their use; share, monitor, and assign records; and manage permissions and licenses. In this context, it integrates intelligent XML documents that can be comprehensively evaluated. “The heart of Nautos is its search functionality,” says Grau. “Nautos is a standards management solution that aims to minimize the amount of user effort required, making it absolutely critical that users can find the standards they need quickly and efficiently.”

**“Our new solution comprehensively supports our customers when working with documents and data from the international standards and specifications sector and makes their internal research quite a bit easier. And IntraFind’s iFinder plays a key role in making that happen.”**

**Dominik Grau**  
Managing Director, Beuth Verlag

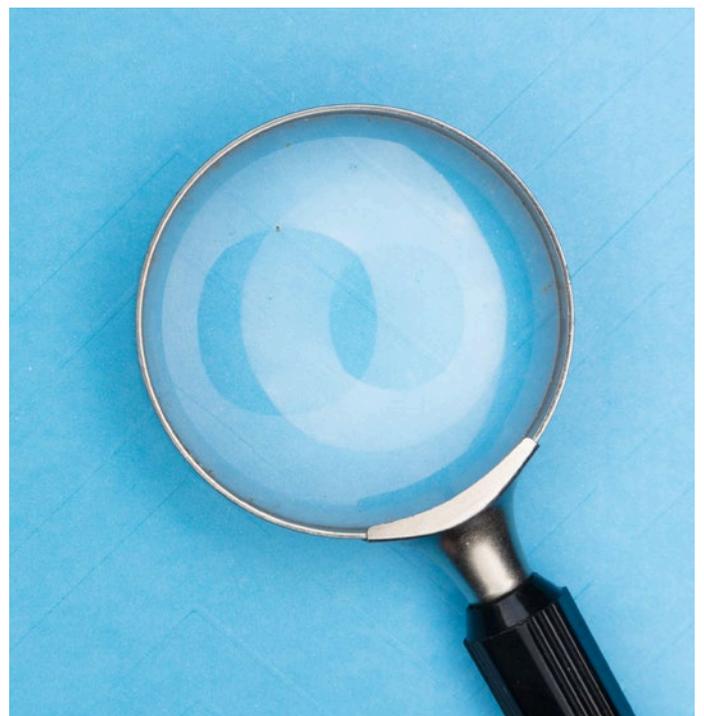
## Customer Profile



The Beuth Verlag publishing house is a subsidiary of the German Institute for Standardization (DIN). It distributes national and international standards as well as other technical specifications and develops technical literature in a variety of media formats for the industrial, research, commercial, service, academic, and skilled trades sectors. It also acts as an innovative multimedia solution provider and specialist for digital and web-based services.

## The Solution

Beuth implemented this search functionality using the iFinder search solution from IntraFind. iFinder stands out thanks to its extensive range of options for targeted searches. For example, it offers an autocomplete feature that completes the search term or suggests alternatives when the user has only entered a few letters. The software automatically corrects any typos or incorrectly spelled words in the search entries. Furthermore, the software uses natural language processing (NLP) to give users access to the information they are looking for by entering search terms using natural language search queries.



## The Benefits

Nautos' intelligent search allows users to search through a pool of nearly 2.5 million records extremely quickly and efficiently. They can find required standards or technical specifications in an instant using a free text search with autocomplete, by number, or based on other criteria. The search tool offers 57 individually configurable search fields, displays the results in a well-organized list, and offers numerous intelligent filters to refine the search and further utilize selectable data records. The search tool also displays additional or similar standards at a glance. In addition, Nautos can also be used to manage the company's own necessary standards and make them intelligently findable via iFinder.

For example, if a user searches for a DIN standard on the topic of quality management, the autocomplete feature already displays the areas for which there are results for "DIN quality management" right after the user enters "DIN quality management." After triggering the search, the results list displays all of the matching records in a well-organized manner. The user can then narrow down the results even further with a single click – for example by limiting them to the company's own documents or filtering by a certain publication date. The

## Project Overview

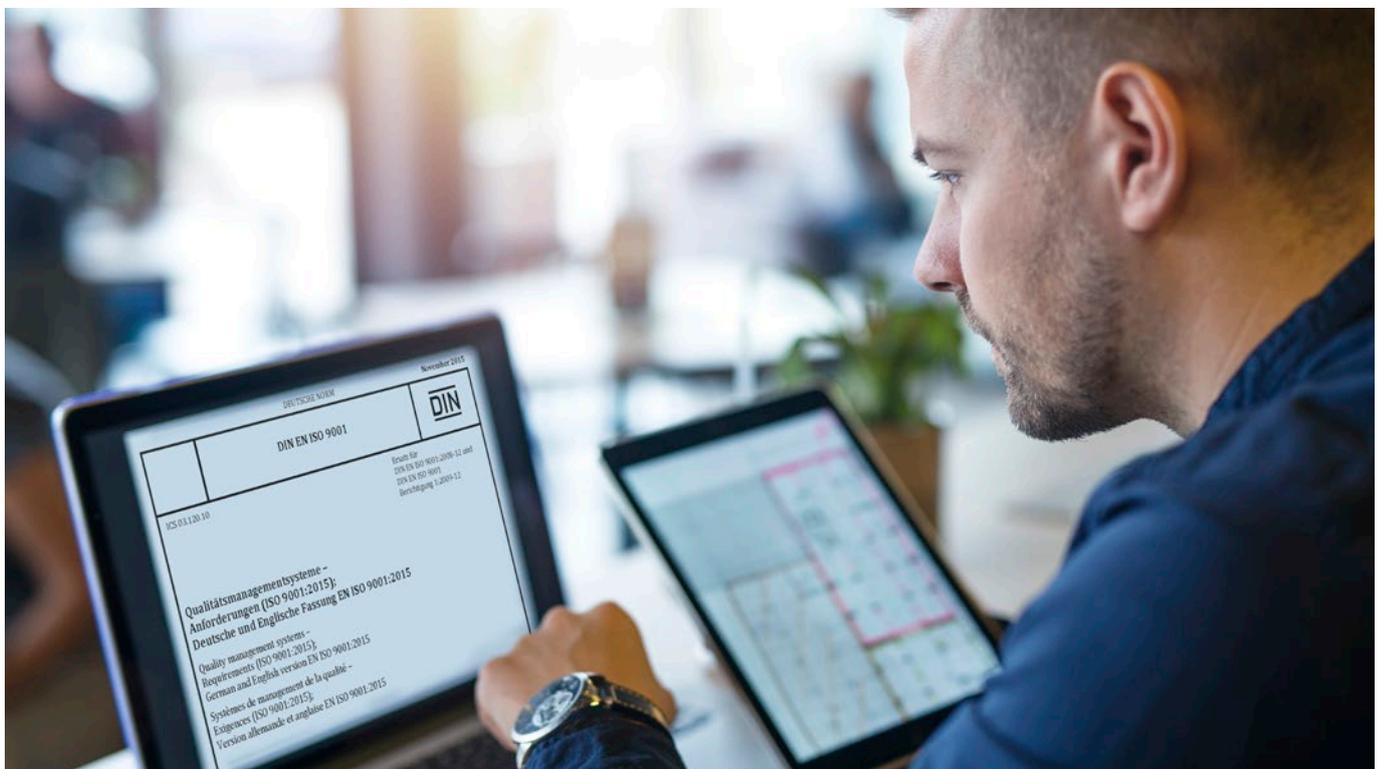
**Industry:** Publishing

**Challenge:** Providing a state-of-the-art software solution that allows companies to efficiently manage standards and technical specifications

**Solution:** The intelligent search software iFinder

user can then view the desired documents in an internal viewer directly from the results list. Since the documents are in intelligent XML format, the user has numerous options for further processing. If, for example, the user wants to find out what has changed in the annex of a particular standard, they can display the original and the updated document side by side in a split screen so that they can review both documents simultaneously and therefore clearly understand the changes.

"Our new solution comprehensively supports our customers when working with documents and data from the international standards and specifications sector and makes their internal research quite a bit easier," Grau concludes. "And IntraFind's iFinder plays a key role in making that happen."



## Key Benefits

- + Makes a pool of nearly 2.5 million records searchable in an intuitive and efficient way
- + Standards and technical specifications can be found in seconds using free text, numbers, or other criteria
- + Autocomplete already completes the search term or suggests alternatives upon entering only a few characters
- + Automatically corrects typos or misspelled words entered during searches
- + Natural language processing (NLP) supports searches using natural language search queries
- + Filter options to refine the search
- + Documents can be used for further processes right from the clearly organized results list

## INTRAFIND

IntraFind Software AG  
Landsberger Straße 368  
80687 München  
Germany

+49 89 3090446-0  
sales@intrafind.com  
www.intrafind.com

IntraFind Inc.  
80 Pine Street, Floor 24  
New York, NY 10005  
USA

+1 212 584 9724  
sales@intrafind.com  
www.intrafind.com