

# Optimize your workflow by integrating our content

We deliver content aimed at everyone working within the industry, whether in design, development and testing or construction, manufacture and production, we provide everything from fundamental background information to the latest case studies and applications. We recognise that R&D groups need to be able to discover and access scientific and technical information quickly and efficiently to support the various phases of the engineering workflow.



## Design & Develop

Find out what others have done when faced with a similar engineering challenge. Ensure your innovation is keeping pace with the latest developments

## Test

Need to ensure the optimal testing method is employed. Find out how others have tested similar designs and discover datasets which provide context to your analysis

## Construction/ Manufacture/Production

Achieve an effective and efficient process based on industrial and mechanical engineering fundamentals and incorporating the latest in digital and automated technology

Products	Time Span			
 Journals	Innovations from the last 1-2 years	Journals articles are the result of in-depth studies and strong peer review process. They provide detailed and high quality information on new engineering principles and applications	Newest test methods reviewed by the engineering community with articles increasingly accompanied with supporting data	Latest industrial and mechanical engineering applications including optimization, control and automation
 eBooks	Fundamentals and innovations from the last 2-5 years	Mature descriptions and discussions of engineering fundamentals and recent applications including the highly authoritative Springer Technical Handbooks	In-depth background information as well as detailed descriptions of the application of testing methods	Springer's Engineering eBook program is the world's strongest and most authoritative especially in regards process automation, control and optimization
 Proceedings	Innovations and case studies from the last year	Majority of the latest engineering applications are published in proceedings. Publication times are very short and therefore provide the most current applications	Proceedings focus on applications and case studies providing the broadest range of engineering challenges, test methods and data	Provides very recent case studies including challenges encountered and solutions found. Includes the world's largest collection of proceedings on Industry 4.0
 Databases	Expertly distilled tertiary information	SpringerMaterials and Nano: <ul style="list-style-type: none"> <li>provide critical chemical and physical parameters of materials</li> <li>help determine the right materials to be used in new applications</li> <li>rapid access to key data points and parameters</li> </ul>	Materials data is required as a guide and reference to understanding the limits of materials being tested and to suggest key parameters that require analysis	Construction, manufacturing and production often present new materials engineering challenges. Process optimization requires access to trusted materials data