



DIGITAL INDUSTRIES SOFTWARE

# Using Solid Edge Advanced PMI to simplify and improve workflows

Deliver high-quality consistent dimensioning in 3D models

## Benefits

- Deliver high-quality consistent dimensioning in 3D models
- Simplify and improve workflows
- Automatically create PMI dimensions
- Increase productivity and quality
- Seamlessly share 3D model information downstream

## Summary

Using Solid Edge® software helps you deliver high-quality consistent dimensioning for downstream product manufacturing information (PMI) applications and quickly create detailed 3D models. Automatically arranging dimensions on a 3D model quickly and efficiently can result in increased productivity and higher quality PMI.

Solid Edge Advanced PMI, which is part of the Siemens Xcelerator portfolio, the comprehensive and integrated portfolio of software, hardware and services, provides an innovative approach to product development for the mainstream market.

You can use Solid Edge Advanced PMI to deliver easy-to-use workflows and automatic assistance when adding dimensions to 3D models to ensure high-quality consistent dimensioning for downstream PMI applications. Sharing 3D model intelligence for downstream manufacturing processes and other relevant stakeholders is seamless, and the communication between the design and manufacturing processes is clear and concise.

**SIEMENS**

[siemens.com/solidedge](https://www.siemens.com/solidedge)



### Communicate notes and instructions

The model views in Solid Edge Advanced PMI enable you to add annotations and textboxes to communicate notes and instructions. These notes can include model properties, revisions and other information to 3D product manufacturing information. The ability to group notes on the dimensioning of similar features into a single annotation results in more concise dimensioning and reduced confusion.

Solid Edge Advanced PMI saves annotations for a model in the notes library to save time when applying frequently used notes to 3D PMI. The fit class and tolerance of holes are included in drawings or PMI dimensioning and are easily retrieved in the notes on the model view.

The ability to modify the color of cut faces on section views differentiates internal details of a model and communicates necessary product manufacturing information. Highlighting the associated faces helps differentiate and communicate this information as well. The 3D center axis annotation, supported for appropriate geometry type, provides you a quicker way to add the desired PMI to your models. Section view dimensions and sketches are associated with the design body, making it easier to use them in downstream processes.

### Extending value

Solid Edge is an integrated set of powerful and accessible tools that advance all aspects of the product development process. Using Solid Edge addresses today's complex challenges with automated digital solutions that cultivate creativity and collaboration.

By harnessing the latest innovative technologies in mechanical and electrical design, simulation, manufacturing, publications, data management and cloud-based collaboration, using Solid Edge shortens time-to-market, provides production flexibility and significantly reduces costs with its collaborative and scalable solutions.

### Minimum system configuration

- Windows 10 Enterprise or Professional (64-bit only) version 1809 or later
- Java 8 and above, 64-bit
- 16 GB RAM
- 65K colors
- Screen resolution: 1920 x 1080
- 8.5 GB of disk space required for installation

**Siemens Digital  
Industries Software**  
[siemens.com/software](https://www.siemens.com/software)

Americas  
1 800 498 5351

Europe  
00 800 70002222

Asia-Pacific  
001 800 03061910

For additional numbers,  
click [here](#).