HEXAGON | MSC Software

Brochure

Adams Modeler

Transforming the Adams user experience

Benefits Adams Modeler

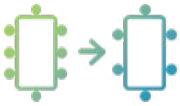
Adams Modeler transforms the Adams user experience. With Adams Modeler, engineers can significantly cut the time it takes to validate system performance. These efficiencies enable engineers to compress modeling timelines and accelerate product development.

Built on the Apex platform and powered by the Gold-Standard Adams solver, this new user experience simplifies core mechanism modeling tasks and makes the benefits of utilizing Adams more accessible.

There are significant improvements to modeling workflows in Modeler. Users are also able to access Adams View specific capabilities through seamless interoperability between Adams View and Adams Modeler.

Enriching the Adams user experience

Reimagining mechanical systems design through a transformational simulation user experience



Effecting transformartion

Powering productivity through innovative simulation workflows built on decades of industry-leading customer experiences.

Driving democratization

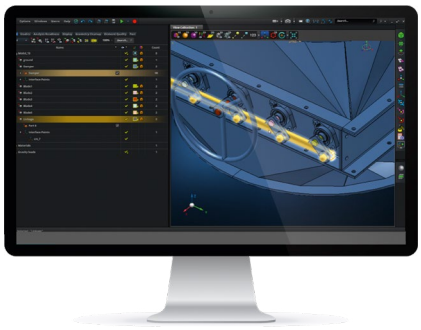
Bringing Adams to the masses through guided simulation workflows that eliminate historical barriers to adoption.

Enhancing efficiencies

Radically decreases time and effort required to build virtual mechanism prototypes and realize your product promise.

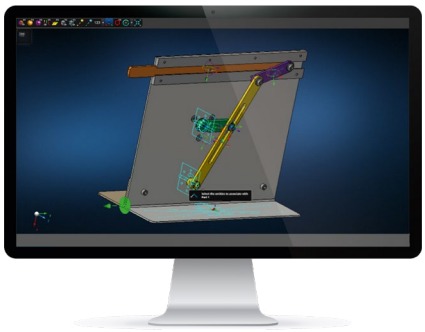
Optimized CAD management workflows

- Powerful drag and drop capabilities makes it trivial to adjust the CAD assemblies to suit your motion model structure.
- Direct editing of geometry features are just a click away making it simple to make fast changes without the need for updates from the CAD group. Feature picking and editing tasks such as pushing/pulling faces, changing hole diameters, and re-locating bodies can be conveniently accomplished in Adams Modeler.



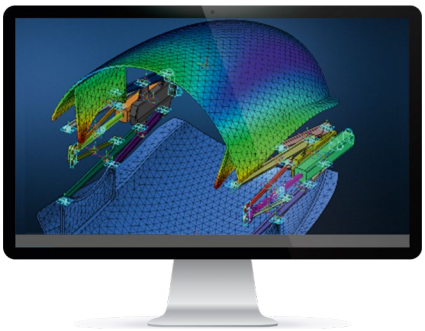
Optimized model creation workflows

- Model objects are associated with geometry, and geometric features can be used to quickly pick and place model objects.
- Model building accelerators to intelligently predict the location and position of modeling object to allow users to accomplish object definition in fewer clicks.
- A generative relationship exists between the geometry and the model. Any change to the geometry results in a regeneration of the associated model object, minimizing model rework when the geometry changes.



Integrated FE capabilities

- Flex bodies can be quickly created from rigid parts. A more robust and automated meshing and flex body generation simplifies the process of adding structural compliance in mechanisms. You can readily toggle between rigid part and flex body representation depending on your goals
- When underlying geometry is modified the flex body is automatically updated to reflect the change.



Hexagon is a global leader in sensor, software and autonomous solutions. We are putting data to work to boost efficiency, productivity, and quality across industrial, manufacturing, infrastructure, safety, and mobility applications.

Our technologies are shaping urban and production ecosystems to become increasingly connected and autonomous – ensuring a scalable, sustainable future.

MSC Software, part of Hexagon's Manufacturing Intelligence division, is one of the ten original software companies and a global leader in helping product manufacturers to advance their engineering methods with simulation software and services. Learn more at mscsoftware.com. Hexagon's Manufacturing Intelligence division provides solutions that utilise data from design and engineering, production and metrology to make manufacturing smarter.

Learn more about Hexagon (Nasdaq Stockholm: HEXA B) at hexagon.com and follow us @HexagonAB.