

# Isight Component – MSC.Adams

The MSC.Adams component creates a direct link to MSC.Adams and its robust library of extension modules and interfaces. Once connected, users can work towards better design by applying multi-run technology including design of experiments (DOE), optimization, and stochastic methods.

Adams is a motion simulation solution for analyzing the complex behavior of mechanical assemblies. Adams allows users to test virtual prototypes for performance, safety, and comfort, without having to build and test numerous physical prototypes. Adams allows you to import geometry from most major CAD systems or build a solid model of the mechanical system from scratch. Results are viewable as: graph, data plots, reports, or colorful animations that you easily can share with others.

## Component Specifications

- An Isight Activity component
- Provides support for all Adams/View design variable inputs and objective outputs
- Design variables and objectives can be selected via a custom graphical user interface embedded directly in Adams/View
- Controls provided for the generation of results and request files
- Time history data for any output can be automatically extracted from result file
- Option to run Adams in persistent mode; no need to stop and restart Adams at each execution of the simulation
- Supports Adams/View release 2005r2
- Supports Isight 3.5 and later versions
- Available on Windows operating system

