

Introduction to Isight

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Isight is a desktop solution that provides engineers with a suite of visual and flexible tools for creating simulation process flows, consisting of a variety of applications, including commercial CAD/CAE software, internally developed programs, and Excel spreadsheets, in order to automate the exploration of design alternatives and identification of optimal performance parameters.

Although Isight is mainly conceived as an “Integration and Automation Framework”, Isight also enables users to leverage advanced techniques such as Design of Experiments, Optimization, Approximations, and Design for Six Sigma to thoroughly explore the design space. Advanced, interactive postprocessing tools allow engineers to explore the design space from multiple points of view.

Isight comes equipped with a standard library of components, which form the building blocks of Isight process flows. A component is a container with its own interface for integrating and running a particular simulation application directly within Isight.

The Isight component architecture also supports the integration of customer-proprietary applications. This open integration technology is generic in order to work with a wide range of internally developed scripts, applications, and databases.